Appendix B, Table B.1 - Summary of Groundwater Analytical Data - Total Petroleum Hydrocarbons

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Analyte Group				TPH		
Analyte				GRO	DRO	DRO - EP
CAS				TPH-GRO	TPH-DRO	TPH-DRO
Units				mg/L	mg/L	mg/L
CGWSL				0.0101	0.0858	0.0167
CGWSL Source				NMED TPH		
Area	**Well ID**	**Date**	**Dup**			
Cross-Gradient	KWB-13	Apr-22			<0.0247	
	KWB-13	Mar-23			0.0486 JB	
	KWB-13	Apr-24			<0.0247	
	KWB-13	Apr-25			<0.0605	
	MW-136	Mar-23		**0.0334 JB**	**0.181 B**	
	MW-136	Oct-23		**<0.0314**	<0.0247	
	MW-136	Oct-24		**<0.0314**	**0.159 B**	
	MW-136	Apr-25		**<0.0314**	0.0727 J	
	MW-136	Oct-25		**<0.0594**	0.0798 J	
	MW-149	Oct-23			**0.0999 J**	
	MW-149	Apr-24			0.0687 J	
	MW-149	Oct-24			0.0634 JB	
	MW-149	Apr-25			<0.0605	
	MW-149	Oct-25			<0.0605	
	MW-150	Oct-23			**0.0971 J**	
	MW-150	Apr-24		**<0.0314**	**0.205**	
	MW-150	Oct-24			**0.0965 JB**	
	MW-150	Apr-25			0.0679 J	
	MW-150	Oct-25			0.0722 J	
	NP-5	Apr-19			<0.0247	
	NP-5	Apr-21			0.0663 J	
	NP-5	Mar-23			**0.207 B**	
	NP-5	Apr-25			**0.184**	
	RA-3156	Apr-19				
	RA-3156	Jun-20				
	RA-3156	Apr-21				
	RA-3156	Apr-22				
Evaporation Ponds	MW-1R	Apr-22				**0.0957 J**
	MW-1R	Mar-23				**0.0483 J**
	MW-1R	Apr-24				**0.0979 J**
	MW-1R	Apr-25				**0.0850 J**
	MW-2A	Mar-23		**0.115 B**		**8.94**
	MW-2A	Oct-23		**<0.0314**		**0.112 B**
	MW-2A	Apr-24		**<0.0314**		**0.0827 J**
	MW-2A	Oct-24		**<0.0314**		**0.127**
	MW-2A	Apr-25		**<0.0314**		**<0.0605**
	MW-2A	Oct-25		**<0.0594**		**0.162**
	MW-3	Mar-23		**1.00 JB**		**5.02**
	MW-3	Mar-23	FD	**1.30 JB**		**4.95**
	MW-3	Oct-23		**0.302**		**6.85**
	MW-3	Oct-23	FD	**0.401**		**7.24**
	MW-3	Apr-24		**0.241**		**8.64**
	MW-3	Apr-24	FD	**0.247**		**8.59**
	MW-3	Oct-24		**0.567**		**8.53**
	MW-3	Oct-24	FD	**0.536 B**		**8.22**
	MW-3	Apr-25		**0.168**		**7.75**
	MW-3	Apr-25	FD	**0.191**		**6.20**
	MW-3	Oct-25		**0.192**		**7.87**
	MW-3	Oct-25	FD	**0.153**		**7.92**
	MW-4A	Mar-23		**1.58 JB**		**5.62**
	MW-4A	Oct-23		**0.726 J**		**5.80**
	MW-4A	Apr-24		**0.874 J**		**8.32 J3**
	MW-4A	Oct-24		**0.311 Q**		**7.87**
	MW-4A	Apr-25		**0.179 B**		**4.24**
	MW-4A	Oct-25		**0.462**		**8.31 J4**
	MW-4B	Apr-19		**0.181**		**1.13**
	MW-4B	Apr-21		**0.176 B**		**0.970**
	MW-4B	Mar-23		**0.159 B**		**1.66**
	MW-4B	Apr-25		**0.0803 JB**		**0.393**
	MW-5A	Mar-23		**1.60**		**0.145 B**
	MW-5A	Oct-23		**1.34**		**5.28**
	MW-5A	Apr-24		**1.73**		**5.99 J3**
	MW-5A	Oct-24		**1.79**		**5.89**
	MW-5A	Apr-25		**0.847**		**2.36**
	MW-5A	Oct-25		**0.886**		**7.06**
	MW-5B	Apr-19		**1.82**		**11.5**
	MW-5B	Apr-21		**0.0371 JB**		**0.389**
	MW-5B	Mar-23		**1.67**		**1.13**
	MW-5B	Apr-25		**1.00**		**9.10**
	MW-5C	Apr-19		**0.0423 JB**		**0.442**
	MW-5C	Apr-21		**1.98**		**11.3**
	MW-5C	Mar-23		**0.109 B**		**0.281**
	MW-5C	Apr-25		**0.0446 J**		**0.433**
	MW-6A	Apr-22		**0.421**		**8.03**
	MW-6A	Mar-23		**0.599 B**		**0.167 B**
	MW-6A	Apr-24		**0.218**		**6.68**
	MW-6A	Apr-25		**0.225**		**3.36**
	MW-6B	Apr-19		**0.0356 J**		**0.427**
	MW-6B	Apr-21		**0.0463 JB**		**0.346**
	MW-6B	Mar-23		**0.0964 JB**		**0.301 B**
	MW-6B	Apr-25		**0.0383 J**		**0.236**
	MW-7A	Mar-23		**0.325 B**		**0.702**
	MW-7A	Mar-23	FD	**0.242**		**0.734**
	MW-7A	Oct-23		**0.279**		**0.904**
	MW-7A	Oct-23	FD	**0.299**		**0.735**
	MW-7A	Apr-24		**0.264**		**0.937 J3**
	MW-7A	Apr-24	FD	**0.297**		**0.920 J3**
	MW-7A	Oct-24		**0.333 B**		**0.862**
	MW-7A	Oct-24	FD	**0.344 B**		**0.872**
	MW-7A	Apr-25		**0.191**		**0.629**
	MW-7A	Apr-25	FD	**0.186**		**0.662**
	MW-7A	Oct-25		**0.224**		**1.15 B**
	MW-7A	Oct-25	FD	**<0.297**		**1.15 B**
	MW-7B	Apr-19		**0.0647 JB**		**0.0676 J**
	MW-7B	Apr-21		**0.0342 J**		**0.0850 J**
	MW-7B	Mar-23		**0.0911 JB**		**<0.0247**
	MW-7B	Apr-25		**<0.0314**		**0.0857 J**
	MW-10	Mar-23		**1.43 JB**		**1.27**
	MW-10	Oct-23		**0.342**		**1.88**
	MW-10	Apr-24		**<0.628**		**1.52 J3**
	MW-10	Oct-24		**0.670 J**		**1.39**
	MW-10	Apr-25		**0.745**		**1.27**
	MW-10	Oct-25		**0.194**		**1.40 J4**
	MW-11A	Apr-24		**<0.0314**		**0.0527 JBJ3**
	MW-11A	Oct-24				
	MW-11A	Apr-25		**<0.0314**		**<0.0605**
	MW-11A	Oct-25				

Analyte Group				TPH		
Analyte				GRO	DRO	DRO - EP
CAS				TPH-GRO	TPH-DRO	TPH-DRO
Units				mg/L	mg/L	mg/L
CGWSL				0.0101	0.0858	0.0167
CGWSL Source				NMED TPH		
Area	**Well ID**	**Date**	**Dup**			
	MW-11B	Apr-19		**0.0345 JB**		**<0.0247**
	MW-11B	Apr-21		**<0.0314**		**0.0402 J**
	MW-11B	Mar-23		**<0.0314**		**0.0926 J**
	MW-11B	Apr-25		**<0.0314**		**<0.0605**
	MW-15	Apr-22		**0.0437 J**		**0.719**
	MW-15	Mar-23		**<0.0314**		**0.377**
	MW-15	Apr-24		**0.0324 J**		**0.459**
	MW-15	Apr-25		**0.0493 J**		**0.502**
	MW-18A	Mar-23				**0.331**
	MW-18A	Oct-23				**0.382**
	MW-18A	Apr-24				**0.442**
	MW-18A	Oct-24				**0.449**
	MW-18A	Apr-25				**0.283**
	MW-18A	Oct-25				**0.487 J4**
	MW-18B	Apr-19		**0.105 B**		**0.230**
	MW-18B	Apr-21		**0.0456 J**		**0.335**
	MW-18B	Mar-23		**<0.0314**		**0.310**
	MW-18B	Apr-25		**<0.0314**		**0.180**
	MW-22A	Mar-23		**2.45 B**		**1.50**
	MW-22A	Mar-23	FD	**3.11 B**		**1.42**
	MW-22A	Oct-23		**2.11**		**4.34**
	MW-22A	Oct-23	FD	**2.13**		**3.99**
	MW-22A	Apr-24		**1.13**		**4.45**
	MW-22A	Apr-24	FD	**1.18**		**4.38**
	MW-22A	Oct-24		**1.69**		**4.15**
	MW-22A	Oct-24	FD	**1.77**		**4.14**
	MW-22A	Apr-25		**0.465**		**1.08**
	MW-22A	Apr-25	FD	**0.443**		**1.07**
	MW-22A	Oct-25		**1.62**		**3.90**
	MW-22A	Oct-25	FD	**1.22**		**3.80 J4**
	MW-22B	Apr-19		**2.58**		**4.77**
	MW-22B	Apr-21		**1.97**		**5.69**
	MW-22B	Mar-23		**2.97 B**		**4.57**
	MW-22B	Apr-25		**0.921**		**4.68**
	MW-70	Mar-23		**1.54**		**0.816**
	MW-70	Oct-23		**2.47**		**0.857**
	MW-70	Apr-24		**1.03**		**1.09**
	MW-70	Oct-24		**2.41**		**0.816**
	MW-70	Apr-25		**0.989**		**0.669**
	MW-70	Oct-25		**1.49**		**0.989 J4**
	MW-72	Apr-22		**0.0505 JB**		**0.281 B**
	MW-72	Mar-23		**0.149 B**		**0.110 B**
	MW-72	Apr-24		**0.0827 J**		**0.183**
	MW-72	Apr-25		**0.0360 JB**		**0.216**
	MW-73	Apr-22		**0.363 B**		**2.17**
	MW-73	Mar-23		**1.39 JB**		**2.39**
	MW-73	Apr-24		**<0.628**		**1.84**
	MW-73	Apr-25		**<0.314**		**2.11**
	MW-74	Mar-23		**0.603**		**13.4**
	MW-74	Oct-23		**2.13**		**9.63**
	MW-74	Apr-24		**1.19**		**8.58**
	MW-74	Oct-24		**2.05**		**10.6**
	MW-74	Apr-25		**1.07**		**11.1**
	MW-74	Oct-25		**0.970**		**13.4**
	MW-75	Mar-23		**2.39 B**		**12.9**
	MW-75	Oct-23		**3.31**		**13.7**
	MW-75	Apr-24		**1.59**		**9.52**
	MW-75	Oct-24		**3.61**		**16.7**
	MW-75	Apr-25		**2.32**		**16.4**
	MW-75	Oct-25		**3.39**		**14.0**
	MW-76	Mar-23		**1.69 JB**		**7.16**
	MW-76	Oct-23		**0.663**		**8.79**
	MW-76	Apr-24		**0.426**		**8.58**
	MW-76	Oct-24		**0.793**		**8.64**
	MW-76	Apr-25		**0.321**		**7.88**
	MW-76	Oct-25		**0.370**		**8.33**
	MW-77	Apr-22		**0.193**		**69.0**
	MW-77	Mar-23		**1.73 JB**		**40.9**
	MW-77	Apr-24		**0.212**		**61.3**
	MW-77	Apr-25		**0.284**		**29.1**
	MW-78	Apr-22		**<0.157**		**32.5**
	MW-78	Mar-23		**<0.628**		**29.1**
	MW-78	Apr-24		**0.0669 J**		**29.1**
	MW-78	Apr-25		**0.0832 J**		**30.3**
	MW-79	Mar-23		**0.0550 JB**		**0.177**
	MW-79	Oct-23		**<0.0314**		**0.415**
	MW-79	Apr-24		**<0.0314**		**0.400**
	MW-79	Oct-24		**0.0436 J**		**0.427**
	MW-79	Apr-25		**<0.0314**		**0.435**
	MW-79	Oct-25		**<0.0594**		**0.390**
	MW-80	Apr-22		**0.0418 JB**		**0.0947 JB**
	MW-80	Mar-23		**0.0461 JB**		**0.0890 J**
	MW-80	Apr-24		**<0.0314**		**0.0867 J**
	MW-80	Apr-25		**<0.0314**		**0.142**
	MW-81	Apr-22		**0.0517 JB**		**0.596**
	MW-81	Mar-23		**0.0464 JB**		**0.606**
	MW-81	Apr-24		**<0.0314**		**0.722**
	MW-81	Apr-25		**<0.0314**		**1.95**
	MW-82	Apr-22		**0.257 B**		**3.71**
	MW-82	Mar-23		**0.211 B**		**3.95**
	MW-82	Apr-24		**0.147**		**1.90**
	MW-82	Apr-25		**0.103**		**5.18**
	MW-83	Mar-23		**0.683 JB**		**13.2**
	MW-83	Oct-23		**0.447**		**12.9**
	MW-83	Apr-24		**0.517**		**8.61**
	MW-83	Oct-24		**0.935**		**13.0**
	MW-83	Apr-25		**0.449**		**6.45**
	MW-83	Oct-25		**1.02**		**7.62**
	MW-84	Mar-23		**1.07 JB**		**70.5**
	MW-84	Oct-23		**1.05**		**66.8**
	MW-84	Apr-24		**0.397**		**54.9**
	MW-84	Oct-24		**0.997**		**78.0**
	MW-84	Apr-25		**0.397**		**75.1**
	MW-84	Oct-25		**0.806**		**89.2**
	MW-86	Jun-20		**1.77 J**		**93.9**
	MW-86	Oct-20		**<6.28**		**80.2**

Appendix B, Table B.1 - Summary of Groundwater Analytical Data - Total Petroleum Hydrocarbons

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Analyte Group				TPH		
Analyte				GRO	DRO	DRO - EP
CAS				TPH-GRO	TPH-DRO	TPH-DRO
Units				mg/L	mg/L	mg/L
CGWSL				0.0101	0.0858	0.0167
CGWSL Source				NMED TPH		
Area	**Well ID**	**Date**	**Dup**			
Evaporation Ponds	MW-87	Mar-23		**<0.0314**		**0.363**
	MW-87	Oct-23		**0.0389 J**		**0.328**
	MW-87	Apr-24		**<0.0314**		**0.294**
	MW-87	Oct-24		**0.0477 JB**		**0.365**
	MW-87	Apr-25		**<0.0314**		**0.215**
	MW-87	Oct-25		**<0.0594**		**0.941 B**
	MW-88	Mar-23		**0.115 B**		**0.421**
	MW-88	Oct-23		**0.109**		**0.292 Q**
	MW-88	Apr-24		**0.0880 J**		**0.728**
	MW-88	Oct-24		**0.164 B**		**0.545**
	MW-88	Apr-25		**0.0592 JB**		**0.478**
	MW-88	Oct-25		**0.136**		**0.661**
	MW-120	Mar-23		**0.106 B**		**0.274 B**
	MW-120	Oct-23		**<0.0314**		**0.353**
	MW-120	Apr-24		**<0.0314**		**0.302**
	MW-120	Oct-24		**0.0474 J**		**0.264**
	MW-120	Apr-25		**<0.0314**		**1.60**
	MW-120	Oct-25		**<0.0594**		**1.74**
	MW-121	Mar-23		**0.0790 JB**		**0.706**
	MW-121	Oct-23		**<0.0314**		**0.182**
	MW-121	Apr-24		**<0.0314**		**0.163**
	MW-121	Oct-24		**<0.0314**		**0.178**
	MW-121	Apr-25		**<0.0314**		**0.108**
	MW-121	Oct-25		**<0.0594**		**1.33**
	MW-122	Mar-23		**0.0871 JB**		**0.282 B**
	MW-122	Oct-23		**<0.0314**		**0.0858 J**
	MW-122	Apr-24		**<0.0314**		**0.101**
	MW-122	Oct-24		**0.0662 J**		**0.107**
	MW-122	Apr-25		**<0.0314**		**0.421**
	MW-122	Oct-25		**<0.0594**		**0.219**
	MW-123	Mar-23		**0.858**		**1.82**
	MW-123	Oct-23		**0.536**		**1.60**
	MW-123	Apr-24		**0.234**		**1.84 J3**
	MW-123	Oct-24		**0.350**		**1.69**
	MW-123	Apr-25		**0.326 B**		**1.51**
	MW-123	Oct-25		**0.177**		**1.45**
	MW-124	Mar-23		**<0.0314**		**0.0813 J**
	MW-124	Oct-23		**<0.0314**		**<0.0247**
	MW-124	Apr-24		**<0.0314**		**0.205**
	MW-124	Oct-24		**0.0493 JB**		**0.0388 JB**
	MW-124	Apr-25		**<0.0314**		**0.0777 J**
	MW-124	Oct-25		**<0.0594**		**<0.0605**
	OCD-1R	Mar-23		**0.0680 JB**		**0.283**
	OCD-1R	Oct-23		**0.0441 J**		**<0.0247**
	OCD-1R	Apr-24		**<0.0314**		**0.159 J3B**
	OCD-1R	Oct-24		**0.0556 JB**		**0.125 B**
	OCD-1R	Apr-25		**0.0331 JB**		**0.177**
	OCD-1R	Oct-25		**<0.0594**		**0.237 B**
	OCD-2A	Mar-23		**0.0579 JB**		**0.166**
	OCD-2A	Oct-23		**<0.0314**		**<0.0247**
	OCD-2A	Apr-24		**<0.0314**		**0.109 J3B**
	OCD-2A	Oct-24		**0.0376 JB**		**0.0535 JB**
	OCD-2A	Apr-25		**<0.0314**		**0.0636 J**
	OCD-2A	Oct-25		**<0.0594**		**0.834 B**
	OCD-3	Mar-23		**<0.0314**		**0.126**
	OCD-3	Oct-23		**<0.0314**		**<0.0247**
	OCD-3	Apr-24		**<0.0314**		**0.0861 JBJ3**
	OCD-3	Oct-24		**0.0453 JB**		**0.0933 JB**
	OCD-3	Apr-25		**<0.0314**		**0.0665 J**
	OCD-3	Oct-25		**<0.0594**		**0.104 B**
	OCD-4	Mar-23		**<0.0314**		**0.113**
	OCD-4	Oct-23		**<0.0314**		**<0.0247**
	OCD-4	Apr-24		**<0.0314**		**0.0717 JBJ3**
	OCD-4	Oct-24		**0.0407 JB**		**0.0783 JB**
	OCD-4	Apr-25		**<0.0314**		**<0.0605**
	OCD-4	Oct-25		**<0.0594**		**0.0830 JB**
	OCD-5	Mar-23		**<0.628**		**0.988**
	OCD-5	Oct-23		**0.535**		**0.625**
	OCD-5	Apr-24		**0.412**		**4.36**
	OCD-5	Oct-24		**0.621**		**0.767**
	OCD-5	Apr-25		**0.562**		**1.18**
	OCD-5	Oct-25		**0.339**		**0.719 J4**
	OCD-6	Mar-23		**0.294 B**		**0.0767 JB**
	OCD-6	Oct-23		**0.350**		**0.788**
	OCD-6	Apr-24		**0.141**		**0.653**
	OCD-6	Oct-24		**0.240**		**0.839**
	OCD-6	Apr-25		**0.158**		**0.570**
	OCD-6	Oct-25		**0.185**		**0.717**
	OCD-7AR	Mar-23		**1.16 B**		**0.137 B**
	OCD-7AR	Oct-23		**1.56 J**		**3.08**
	OCD-7AR	Apr-24		**0.934**		**3.53**
	OCD-7AR	Oct-24		**0.741**		**3.68**
	OCD-7AR	Apr-25		**0.351**		**2.99**
	OCD-7AR	Oct-25		**0.591**		**2.85**
	OCD-7B	Apr-19		**<0.0314**		**0.0638 J**
	OCD-7B	Apr-21		**0.0516 JB**		**0.128**
	OCD-7B	Mar-23		**0.119 B**		**5.46**
	OCD-7B	Apr-25		**0.0565 J**		**0.205**
	OCD-8A	Mar-23		**0.274**		**1.33**
	OCD-8A	Oct-23		**1.40**		**2.60**
	OCD-8A	Apr-24		**1.08**		**3.16 J3**
	OCD-8A	Oct-24		**1.33**		**3.37**
	OCD-8A	Apr-25		**0.279**		**1.20**
	OCD-8A	Oct-25		**0.519**		**2.31 J4**
	OCD-8B	Apr-19		**0.0648 JB**		**0.612**
	OCD-8B	Apr-21		**0.0690 J**		**0.632**
	OCD-8B	Mar-23		**<0.0314**		**0.581**
	OCD-8B	Apr-25		**<0.0314**		**0.167**
Field East of Refinery	KWB-1A	Mar-23			**0.356 B**	
	KWB-1A	Oct-23			**0.109**	
	KWB-1A	Apr-24			**0.363**	
	KWB-1A	Oct-24			**0.355**	
	KWB-1C	Apr-19			**0.0921 J**	
	KWB-1C	Apr-21			0.0847 J	
	KWB-1C	Mar-23			**0.143 B**	
	KWB-1C	Apr-25			**0.155**	

Analyte Group				TPH		
Analyte				GRO	DRO	DRO - EP
CAS				TPH-GRO	TPH-DRO	TPH-DRO
Units				mg/L	mg/L	mg/L
CGWSL				0.0101	0.0858	0.0167
CGWSL Source				NMED TPH		
Area	**Well ID**	**Date**	**Dup**			
Field East of Refinery	KWB-3AR	Apr-25			<0.0605	
	KWB-3AR	Nov-25			**0.318**	
	KWB-7	Mar-23			**1.27**	
	KWB-7	Oct-23			**0.605**	
	KWB-7	Apr-24			**1.13**	
	KWB-7	Oct-24			**1.32**	
	KWB-7	Oct-25			**1.74 J4**	
	KWB-8	Apr-17			**3.41**	
	KWB-8	Oct-17			**3.30**	
	KWB-8	Oct-20			**6.80**	
	KWB-10R	Apr-17			**4.01**	
	KWB-10R	Oct-17			**5.18**	
	KWB-10R	Apr-18			**3.23**	
	KWB-10R	Oct-18			**3.35**	
	KWB-11A	Mar-23		**0.335 B**	**1.70**	
	KWB-11A	Oct-23		**0.0683 J**	<0.0247	
	KWB-11A	Apr-24		**0.0987 J**	**0.872**	
	KWB-11A	Oct-24		**0.0758 JB**	**0.103 B**	
	KWB-11A	Apr-25		**0.403**	**0.743**	
	KWB-11A	Oct-25		**0.102**	**0.202 B**	
	KWB-11B	Mar-23		**<0.0314**	**0.109 B**	
	KWB-11B	Oct-23		**<0.0314**	<0.0247	
	KWB-11B	Apr-24		**<0.0314**	**0.0949 J**	
	KWB-11B	Oct-24		**0.0479 JB**	0.0829 JB	
	KWB-11B	Apr-25		**0.0321 JB**	**0.0915 J**	
	KWB-11B	Oct-25		**<0.0594**	**0.0970 JB**	
	KWB-12A	Sep-21		**<0.0314**	<0.0247	
	KWB-12A	Oct-22		**<0.0314**	0.0451 J	
	KWB-12A	Oct-23		**<0.0314**	<0.0247	
	KWB-12A	Oct-24		**<0.0314**	**0.416**	
	KWB-12B	Mar-23		**<0.0314**	0.0702 JB	
	KWB-12B	Mar-23	FD	**<0.0314**	**0.129 B**	
	KWB-12B	Oct-23		**<0.0314**	<0.0247	
	KWB-12B	Oct-23	FD	**<0.0314**	<0.0247	
	KWB-12B	Apr-24		**<0.0314**	0.0767 J	
	KWB-12B	Apr-24	FD	**<0.0314**	0.0523 J	
	KWB-12B	Oct-24		**<0.0314**	<0.0247	
	KWB-12B	Oct-24	FD	**<0.0314**	<0.0247	
	KWB-12B	Apr-25		**0.115 B J3**	0.0643 J	
	KWB-12B	Apr-25	FD	**<0.0314** J3	<0.0605	
	KWB-12B	Oct-25		**<0.0594**	<0.0605	
	KWB-12B	Oct-25	FD	**<0.0594**	<0.0605	
	KWB-P4	Apr-19			0.0361 J	
	KWB-P4	Apr-21			0.0330 J	
	KWB-P4	Mar-23			**0.0962 J**	
	KWB-P4	Apr-25			**0.101**	
	MW-57	Oct-20		**0.0579 J**	0.0475 JB	
	MW-57	Apr-21		**<0.0314**	**0.117**	
	MW-57	Sep-21		**<0.0314**	<0.0247	
	MW-57	Apr-22		**<0.0314**	0.0636 J	
	MW-58	Oct-17			**9.77**	
	MW-58	Apr-18			**5.73**	
	MW-58	Oct-18			**4.86**	
	MW-58	Oct-19			**12.1**	
	MW-111	Oct-18		**1.36**	**2.63**	
	MW-111	Apr-19		**1.88**	**1.54**	
	MW-111	Oct-19		**1.37**	**1.80**	
	MW-111	Jun-20		**3.86**	**1.77**	
	MW-112	Nov-14		**28.0**	**2.20**	
	MW-113	Mar-23		**1.92**	**0.612**	
	MW-113	Mar-23	FD	**1.85**	**0.729**	
	MW-113	Oct-23		**25.1**	**3.81**	
	MW-113	Oct-23	FD	**24.5**	**3.88**	
	MW-113	Apr-24		**2.58**	**0.281**	
	MW-113	Apr-24	FD	**1.33**	**0.283**	
	MW-113	Oct-24		**11.3**	**2.01**	
	MW-113	Oct-24	FD	**11.7**	**3.24**	
	MW-113	Apr-25		**1.72**	**0.487**	
	MW-113	Apr-25	FD	**1.54**	**0.509**	
	MW-113	Oct-25		**1.52**	**0.269**	
	MW-113	Oct-25	FD	**1.57**	**0.199**	
	MW-125	Mar-23		**<0.0314**	**0.135 B**	
	MW-125	Oct-23		**<0.0314**	0.0847 J	
	MW-125	Apr-24		**<0.0314**	0.0452 J	
	MW-125	Oct-24		**<0.0314**	**0.171 B**	
	MW-125	Apr-25		**<0.0314**	**0.211**	
	MW-125	Oct-25		**<0.0594**	**0.208**	
	MW-126A	Apr-19		**0.124 B**	**0.370**	
	MW-126A	Oct-19		**0.903**	**0.583**	
	MW-126A	Jun-20		**0.0319 J**	**0.461**	
	MW-126A	Oct-20		**0.0669 J**	**0.451 B**	
	MW-126B	Mar-23		**<0.0314**	**0.528 B**	
	MW-126B	Oct-23		**<0.0314**	**0.173**	
	MW-126B	Apr-24		**<0.0314**	**0.464**	
	MW-126B	Oct-24		**<0.0314**	**0.311**	
	MW-126B	Apr-25		**<0.0314**	**0.342**	
	MW-126B	Oct-25		**<0.0594**	**0.333**	
	MW-127	Oct-17		**1.68**	**1.41**	
	MW-127	Apr-18		**5.15**	**1.06**	
	MW-127	Oct-18		**3.13**	**1.30**	
	MW-127	Apr-19		**5.94**	**1.11**	
	MW-128	Oct-17		**1.14**	**2.37**	
	MW-128	Apr-18		**0.932**	**1.58**	
	MW-128	Oct-18		**2.76**	**2.04**	
	MW-128	Apr-19		**3.13**	**1.81**	
	MW-129	Apr-15		**3.29**	**2.45**	
	MW-129	Oct-15		**4.11 J**	**1.31**	
	MW-129	Apr-17		**1.79**	**2.13**	
	MW-129	Apr-18		**4.33**	**1.40**	
	MW-130	Mar-23		**0.0775 JB**	**0.564**	
	MW-130	Oct-23		**<0.0314**	**0.713**	
	MW-130	Apr-24		**<0.0314**	**0.651**	
	MW-130	Oct-24		**<0.0314**	**0.311**	
	MW-130	Apr-25		**<0.0314**	**0.726**	
	MW-130	Oct-25		**<0.0594**	**0.717**	

Appendix B, Table B.1 - Summary of Groundwater Analytical Data - Total Petroleum Hydrocarbons

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Analyte Group				TPH		
Analyte				GRO	DRO	DRO - EP
CAS				TPH-GRO	TPH-DRO	TPH-DRO
Units				mg/L	mg/L	mg/L
CGWSL				0.0101	0.0858	0.0167
CGWSL Source				NMED TPH		
Area	**Well ID**	**Date**	**Dup**			
Field East of Refinery	MW-131	Apr-17		**6.81**	**1.77**	
	MW-131	Oct-17		**4.95**	**1.58**	
	MW-131	Oct-19		**8.71**	**1.46**	
	MW-131	Jun-20		**8.68**	**1.83**	
	MW-133	Nov-14		**9.40**	**2.80**	
	MW-133	Apr-15		**11.3**	**3.10**	
	MW-134	Mar-23		**<0.0314**	**0.132 B**	
	MW-134	Mar-23	FD	**<0.0314**	**0.137 B**	
	MW-134	Oct-23		**0.0370 J**	<0.0247	
	MW-134	Oct-23	FD	**<0.0314**	<0.0247	
	MW-134	Apr-24		**<0.0314**	0.0522 J	
	MW-134	Apr-24	FD	**<0.0314**	0.0543 J	
	MW-134	Oct-24		**<0.0314**	**0.109**	
	MW-134	Oct-24	FD	**<0.0314**	0.0555 J	
	MW-134	Apr-25		**0.0336 J**	<0.0605	
	MW-134	Apr-25	FD	**0.0328 J**	**0.228**	
	MW-134	Oct-25		**<0.0594**	<0.0605	
	MW-134	Oct-25	FD	**<0.0594**	<0.0605	
	MW-135	Mar-23		**0.0336 JB**	0.0386 JB	
	MW-135	Oct-23		**<0.0314**	<0.0247	
	MW-135	Apr-24		**<0.0314**	0.0697 J	
	MW-135	Oct-24		**<0.0314**	<0.0247	
	MW-135	Apr-25		**<0.0314 J3**	<0.0605	
	MW-135	Oct-25		**<0.0594**	<0.0605	
	MW-145	Mar-23		**0.0334 JB**	**0.274 B**	
	MW-145	Oct-23		**<0.0314**	**0.403**	
	MW-145	Apr-24		**0.0365 JB**	**0.139**	
	MW-145	Oct-24		**<0.0314**	**0.166 B**	
	MW-145	Apr-25		**<0.0314 J3**	**0.220**	
	MW-145	Oct-25		**<0.0594**	**0.0995 J**	
	MW-146	Mar-23		**0.0328 JB**	0.0756 JB	
	MW-146	Mar-23	FD	**0.0321 JB**	0.0456 JB	
	MW-146	Oct-23		**<0.0314**	0.0247 J	
	MW-146	Oct-23	FD	**<0.0314**	<0.0247	
	MW-146	Apr-24		**<0.0314**	0.0422 J	
	MW-146	Apr-24	FD	**<0.0314**	0.0252 J	
	MW-146	Oct-24		**<0.0314**	0.0531 JB	
	MW-146	Oct-24	FD	**<0.0314**	0.0446 J	
	MW-146	Apr-25		**<0.0314 J3**	<0.0605	
	MW-146	Apr-25	FD	**<0.0314 J3**	**0.0919 J**	
	MW-146	Oct-25		**<0.0594**	<0.0605	
	MW-146	Oct-25	FD	**<0.0594**	<0.0605	
	MW-147	Mar-23		**0.0317 JB**	0.0446 JB	
	MW-147	Oct-23		**<0.0314**	<0.0247	
	MW-147	Apr-24		**<0.0314**	0.0599 J	
	MW-147	Oct-24		**<0.0314**	<0.0247	
	MW-147	Apr-25		**<0.0314 J3**	<0.0605	
	MW-148	Mar-23		**<0.0314**	0.0846 JB	
	MW-148	Oct-23		**<0.0314**	0.0397 J	
	MW-148	Apr-24		**<0.0314**	0.0677 J	
	MW-148	Oct-24		**<0.0314**	<0.0247	
	MW-148	Apr-25		**<0.0314 J3**	<0.0605	
	MW-148	Oct-25		**<0.0594**	**0.279**	
	MW-151	Oct-24		**0.413**	**0.676**	
	MW-151	Apr-25		**0.0727 J**	**0.934**	
	MW-160	Oct-24		**0.601**	**0.253**	
	MW-160	Apr-25		**0.738 J3**	**1.10**	
	MW-160	Oct-25		**0.408**	**0.394**	
	MW-161	Oct-24		**0.0437 J**	**0.270 B**	
	MW-161	Apr-25		**0.0797 B J J3**	**0.241**	
	MW-161	Oct-25		**<0.0594**	**0.215**	
	RA-1227	Apr-25				
	RA-4196	Oct-19				
	RA-4196	Jun-20				
	RA-4196	Oct-20				
	RA-4196	Mar-23				
	RA-4196R	Oct-23				
	RA-4196R	Apr-24				
	RA-4196R	Oct-24				
	RA-4196R	Apr-25				
	RA-4196R	Oct-25				
	RA-4798	Oct-20				
	RA-4798	Apr-21				
	RA-4798	Sep-21				
	RA-4798	Apr-22				
	RW-12R	Apr-17			**1.61**	
	RW-12R	Apr-18			**0.514 B**	
	RW-12R	Apr-19			**0.822**	
	RW-12R	Jun-20			**0.633**	
	RW-13R	Apr-18			**0.526 B**	
	RW-13R	Mar-23			**4.45**	
	RW-13R	Apr-25			**670**	
	RW-18A	Apr-18				
	RW-18A	Apr-19				
	RW-18A	Jun-20				
	RW-18A	Mar-23				
	RW-20B	Apr-15			**2.10**	
	RW-22	Apr-15			**5.40**	
NCL	MW-18	Apr-22			**1.54**	
	MW-18	Mar-23			**1.18**	
	MW-18	Apr-24			**1.41**	
	MW-18	Apr-25			**2.42**	
	MW-45	Mar-23			**1.11**	
	MW-45	Oct-23			**0.807**	
	MW-45	Apr-24			**1.21**	
	MW-45	Oct-24			**0.841**	
	MW-45	Apr-25			**0.829**	
	MW-45	Oct-25			**0.843**	
	MW-53	Apr-15			**0.296**	
	MW-53	Apr-17			**0.258**	
	MW-53	Apr-18			**0.158**	
	MW-53	Apr-19			**0.229**	
	MW-53R	Apr-22			**0.136**	
	MW-53R	Mar-23			**0.179 B**	
	MW-53R	Apr-24			**0.125**	
	MW-53R	Apr-25			**0.171**	

Analyte Group				TPH		
Analyte				GRO	DRO	DRO - EP
CAS				TPH-GRO	TPH-DRO	TPH-DRO
Units				mg/L	mg/L	mg/L
CGWSL				0.0101	0.0858	0.0167
CGWSL Source				NMED TPH		
Area	**Well ID**	**Date**	**Dup**			
NCL	MW-54A	Mar-23			**2.57**	
	MW-54A	Oct-23			**3.18**	
	MW-54A	Apr-24			**4.22**	
	MW-54A	Oct-24			**4.58**	
	MW-54A	Apr-25			**3.62**	
	MW-54A	Oct-25			**3.36**	
	MW-54B	Apr-19		**<0.0314**	**1.84**	
	MW-54B	Apr-21		**<0.0314**	**2.02**	
	MW-54B	Mar-23		**<0.0314**	**1.09**	
	MW-54B	Apr-25		**<0.0314**	**2.11**	
	MW-55	Mar-23		**0.479**	**1.05**	
	MW-55	Oct-23		**0.386**	**0.866**	
	MW-55	Apr-24		**0.0326 J**	**1.34**	
	MW-55	Oct-24		**0.237**	**1.29**	
	MW-55	Apr-25		**0.185**	**1.09**	
	MW-55	Oct-25		**<0.0594**	**3.84**	
	MW-56	Mar-23			**0.102**	
	MW-56	Apr-24			**0.129**	
	MW-56	Oct-24				
	MW-56	Apr-25			**0.134**	
	MW-56	Oct-25				
	MW-108	Mar-23			**2.39**	
	MW-108	Oct-23			**1.67**	
	MW-108	Apr-24			**2.23**	
	MW-108	Oct-24			**2.48**	
	MW-108	Apr-25			**2.55**	
	MW-108	Oct-25			**2.91**	
	NCL-31	Mar-23			**0.337 B**	
	NCL-31	Oct-23			**0.299**	
	NCL-31	Apr-24			**0.549**	
	NCL-31	Oct-24			**0.540**	
	NCL-31	Apr-25			**0.463**	
	NCL-31	Oct-25			**0.548**	
	NCL-32	Mar-23			**2.58**	
	NCL-32	Oct-23			**10.2**	
	NCL-32	Apr-24			**3.64**	
	NCL-32	Oct-24			**1.69**	
	NCL-32	Apr-25			**1.51**	
	NCL-32	Oct-25			**17.0**	
	NCL-33	Mar-23			**8.82**	
	NCL-33	Oct-23			**8.48**	
	NCL-33	Apr-24			**7.86**	
	NCL-33	Oct-24			**11.8**	
	NCL-33	Apr-25			**9.40**	
	NCL-33	Oct-25			**23.8**	
	NCL-34A	Oct-18			**7.41**	
	NCL-34A	Apr-19			**6.59**	
	NCL-34A	Oct-19			**5.90**	
	NCL-34A	Jun-20			**6.58**	
	NCL-44	Mar-23			**3.39**	
	NCL-44	Oct-23			**4.30**	
	NCL-44	Apr-24			**4.70**	
	NCL-44	Oct-24			**2.18**	
	NCL-44	Apr-25			**3.29**	
	NCL-44	Oct-25			**19.2**	
	NCL-49	Mar-23			0.0256 J	
	NCL-49	Mar-23	FD		<0.0247	
	NCL-49	Oct-23			<0.0247	
	NCL-49	Oct-23	FD		<0.0247	
	NCL-49	Apr-24			0.0510 J	
	NCL-49	Apr-24	FD		0.0671 J	
	NCL-49	Oct-24			0.0841 J	
	NCL-49	Oct-24	FD		0.0671 J	
	NCL-49	Apr-25			<0.0605	
	NCL-49	Apr-25	FD		<0.0605	
	NCL-49	Oct-25			0.0712 J	
	NCL-49	Oct-25	FD		**0.0963 J**	
North Refinery	MW-23	Apr-19		**15.0**	**13.4**	
	MW-23	Oct-19		**4.70 B**	**20.1**	
	MW-23	Jun-20		**8.73**	**13.0**	
	MW-23	Oct-20		**2.93**	**17.9**	
	MW-29	Oct-22		**0.0889 J**	**4.28**	
	MW-29	Mar-23		**0.108**	**3.96**	
	MW-29	Oct-23		**0.335**	**4.17**	
	MW-29	Apr-24		**0.190**	**5.17**	
	MW-39	Apr-19		**0.785**	**6.54**	
	MW-39	Oct-19		**0.736 B**	**5.64**	
	MW-39	Jun-20		**0.740**	**7.00**	
	MW-39	Oct-20		**0.412**	**6.28**	
	MW-40	Apr-17		**1.29**	**4.15**	
	MW-40	Apr-18		**1.18**	**2.45**	
	MW-40	Apr-19		**0.769**	**3.38**	
	MW-40	Jun-20		**0.500**	**2.45**	
	MW-41	Apr-18		**0.111**	**3.30**	
	MW-41	Apr-19		**0.229**	**6.47**	
	MW-41	Jun-20		**0.309 B**	**3.53**	
	MW-41	Apr-21		**0.245**	**2.32**	
	MW-42	Apr-19		**0.822**	**5.48**	
	MW-42	Jun-20		**1.26 J**	**4.95**	
	MW-42	Apr-21		**0.433**	**4.92**	
	MW-42	Apr-22		**0.323**	**3.00**	
	MW-43	Apr-19		**2.12**	**7.90**	
	MW-43	Oct-19		**32.6 B**	**13.5**	
	MW-43	Jun-20		**14.1**	**6.55**	
	MW-43	Oct-20		**34.2**	**7.74**	
	MW-59	Apr-17		**0.163**	**0.835**	
	MW-59	Apr-18		**0.232**	**0.576**	
	MW-59	Apr-19		**0.0605 JB**	**1.08**	
	MW-59	Jun-20		**0.302 B**	**2.97**	
	MW-60	Jun-20		**0.466**	**0.754**	
	MW-60	Jun-20	FD	**0.337**	**0.707**	
	MW-60	Oct-20		**0.528**	**1.03**	
	MW-60	Oct-20	FD	**0.587**	**0.930**	

Appendix B, Table B.1 - Summary of Groundwater Analytical Data - Total Petroleum Hydrocarbons

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Analyte Group				TPH		
Analyte				GRO	DRO	DRO - EP
CAS				TPH-GRO	TPH-DRO	TPH-DRO
Units				mg/L	mg/L	mg/L
CGWSL				0.0101	0.0858	0.0167
CGWSL Source				NMED TPH		
Area	Well ID	Date	Dup			
North Refinery	MW-61	Mar-23		7.36	3.77	
	MW-61	Oct-23		9.33	4.63	
	MW-61	Apr-24		8.73	6.18	
	MW-61	Oct-24		8.34	4.41	
	MW-61	Apr-25		7.28	4.31	
	MW-61	Oct-25		7.49	3.43	
	MW-62	Oct-20		7.35	7.46	
	MW-62	Sep-21		21.8	11.3	
	MW-62	Apr-22		14.9	7.53	
	MW-62	Oct-22		11.5	7.71	
	MW-62R	Apr-21		2.40	9.88	
	MW-62R	Apr-22		9.56	9.22	
	MW-62R	Mar-23		15.1	5.95	
	MW-62R	Apr-24		9.23	7.65	
	MW-67	Oct-17		0.649	8.48 J3J4	
	MW-67	Apr-18		1.53	4.25	
	MW-67	Oct-18		0.562	7.73	
	MW-67	Apr-19		0.868	9.31	
	MW-90	Mar-23		0.299	3.04	
	MW-90	Oct-23		0.278	3.36	
	MW-90	Apr-24		0.545	3.61	
	MW-90	Oct-24		0.552	3.35	
	MW-90	Apr-25		0.375	3.52	
	MW-90	Oct-25		0.419	4.61	
	MW-91	Oct-18		16.7	11.8	
	MW-91	Apr-19		13.8	15.8	
	MW-91	Oct-19		34.8 B	10.8	
	MW-91	Jun-20		36.2	11.5	
	MW-93	Apr-17		3.73	7.89	
	MW-93	Apr-18		3.59	5.05	
	MW-93	Apr-19		2.82	7.92	
	MW-93	Jun-20		6.28	8.54	
	MW-94	Nov-14		5.50	9.40	
	MW-94	Oct-15		6.12	25.6	
	MW-94	Apr-17		10.2	9.96	
	MW-95	Apr-17		0.0826 J	6.96	
	MW-95	Apr-18		<0.0314	3.68	
	MW-95	Apr-19		<0.0314	7.34	
	MW-95	Jun-20		0.162 B	6.29	
	MW-96	Mar-23		34.7	4.59	
	MW-96	Oct-23		27.6	6.69	
	MW-96	Apr-24		25.2	7.18	
	MW-96	Oct-24		32.6	6.87	
	MW-96	Apr-25		14.4	6.07	
	MW-96	Oct-25		14.3	14.2	
	MW-98	Mar-23		20.4	4.50	
	MW-98	Oct-23		11.8	5.30	
	MW-98	Apr-24		11.5	5.33	
	MW-98	Oct-24		7.97	4.19	
	MW-98	Apr-25		10.7	4.86	
	MW-98	Oct-25		10.2	4.16	
	MW-137	Oct-17		33.1	11.3	
	MW-137	Apr-18		26.6	9.60	
	MW-137	Oct-18		32.6	8.76	
	MW-137	Apr-19		33.2	9.76	
	MW-138	Oct-17		2.20	15.0	
	MW-138	Apr-18		2.44	6.05	
	MW-138	Oct-18		4.06	6.00	
	MW-138	Apr-19		4.17	6.67	
	MW-157	Oct-24		9.17	0.335 Q	
	MW-157	Apr-25		7.46	0.296	
	MW-157	Oct-25		8.41	0.222	
	RW-1	Apr-15		2.95 J	12.0	
	RW-1	Apr-17		2.20	21.5	
	RW-1	Apr-18		6.05	8.92	
	RW-1	Apr-19		5.13	16.1	
	RW-2	Apr-17		17.2	11.6	
	RW-2	Apr-18		20.5	8.31	
	RW-2	Mar-23		5.56 B	5.76	
	RW-2	Apr-25		0.293 J	3.19	
	RW-7	Apr-17		<0.0314	1.15	
	RW-7	Apr-18		0.177	11.3	
	RW-7	Apr-19		0.230	19.1	
	RW-7	Jun-20		0.334 JB	7.54	
	RW-8	Apr-15			7.30	
	RW-8	Apr-17			11.6	
	RW-9	Apr-22		1.16	3.63	
	RW-9	Mar-23		0.921	5.19	
	RW-9	Apr-24		0.769	7.57	
	RW-9	Apr-25		0.697	4.55	
	RW-10	Apr-18		0.380	2.81	
	RW-10	Apr-19		0.195	3.06	
	RW-10	Jun-20		0.219	3.33	
	RW-10	Apr-21		0.532	6.96	
	RW-16B	Apr-19			0.744	
	RW-16B	Jun-20			2.12	
	RW-16B	Mar-23			1.43	
	RW-16B	Apr-25			1.31	
	RW-17A	Apr-18		0.0927 J	1.57	
	RW-17A	Apr-19		<0.0314	1.45	
	RW-17A	Jun-20		0.0426 J	1.44	
	RW-17A	Mar-23		<0.0314	1.59	

Analyte Group				TPH		
Analyte				GRO	DRO	DRO - EP
CAS				TPH-GRO	TPH-DRO	TPH-DRO
Units				mg/L	mg/L	mg/L
CGWSL				0.0101	0.0858	0.0167
CGWSL Source				NMED TPH		
Area	Well ID	Date	Dup			
North RO Reject Field	MW-117	Mar-23		0.0572 JB	0.359 B	
	MW-117	Oct-23		0.0607 JB	0.325	
	MW-117	Apr-24		0.0935 J	0.286	
	MW-117	Oct-24		0.0476 J	0.550	
	MW-117	Apr-25		0.0470 J	0.334	
	MW-117	Oct-25		<0.0594	0.222	
	MW-118	Mar-23		0.0319 JB	0.0763 JB	
	MW-118	Oct-23		<0.0314	0.0313 J	
	MW-118	Apr-24		<0.0314	<0.0247	
	MW-118	Oct-24		<0.0314	0.0531 JB	
	MW-118	Apr-25		<0.0314	<0.0605	
	MW-118	Oct-25		<0.0594	<0.0605	
	MW-119	Mar-23		<0.0314	0.0922 JB	
	MW-119	Oct-23		<0.0314	0.106	
	MW-119	Apr-24		<0.0314	0.0867 J	
	MW-119	Oct-24		<0.0314	0.0592 JB	
	MW-119	Apr-25		<0.0314	0.129	
	MW-119	Oct-25		<0.0594	<0.0605	
	MW-140	Mar-23				
	MW-140	Oct-23				
	MW-140	Apr-24				
	MW-140	Oct-24				
	MW-140	Apr-25				
	MW-140	Oct-25				
	MW-141	Mar-23				
	MW-141	Oct-23				
	MW-141	Apr-24				
	MW-141	Oct-24				
	MW-141	Apr-25				
	MW-141	Oct-25				
	MW-142	Mar-23				
	MW-142	Oct-23				
	MW-142	Apr-24				
	MW-142	Oct-24				
	MW-142	Apr-25				
	MW-142	Oct-25				
	MW-143	Mar-23				
	MW-143	Oct-23				
	MW-143	Apr-24				
	MW-143	Oct-24				
	MW-143	Apr-25				
	MW-143	Oct-25				
	MW-162	Oct-24				
	MW-162	Apr-25				
	MW-162	Oct-25				
South Refinery	KWB-2R	Oct-19			4.64	
	KWB-2R	Mar-23			6.39	
	KWB-2R	Oct-23			1.65	
	KWB-2R	Apr-24			1.07	
	KWB-5	Oct-17			1.55	
	KWB-5	Apr-18			1.70	
	KWB-5	Oct-18			1.62	
	KWB-5	Apr-19			1.73	
	KWB-6	Apr-17			2.04	
	KWB-6	Oct-17			2.16	
	KWB-6	Apr-18			1.77	
	KWB-6	Oct-18			1.52	
	MW-28	Apr-19		5.37	8.80	
	MW-28	Oct-19		10.4 B	11.6	
	MW-28	Jun-20		3.94	3.91	
	MW-28	Oct-20		1.65	5.28	
	MW-48	Apr-18		45.6	6.50	
	MW-48	Oct-18		21.8	5.56	
	MW-48	Apr-19		17.7	6.53	
	MW-48	Oct-19		31.9 B	6.48	
	MW-50	Mar-23			0.265	
	MW-50	Oct-23			0.320	
	MW-50	Apr-24			0.352	
	MW-50	Oct-24			0.323	
	MW-50	Apr-25			0.467	
	MW-50	Oct-25			0.202	
	MW-52	Mar-23		<0.0314	0.614	
	MW-52	Oct-23		0.0739 J	0.589	
	MW-52	Apr-24		<0.0314	0.638	
	MW-52	Oct-24		<0.0314	0.273	
	MW-52	Apr-25		<0.0314	0.447	
	MW-52	Oct-25		<0.0594	0.412	
	MW-64	Mar-23		139	5.90	
	MW-64	Oct-23		108	7.08	
	MW-64	Apr-24		79.8	7.06	
	MW-64	Oct-24		45.9	4.45	
	MW-64	Apr-25		56.1	5.76	
	MW-64	Oct-25		65.9	6.83	
	MW-65	Oct-19		21.4 B	3.59	
	MW-65	Mar-23		3.90	15.7	
	MW-65	Oct-23		3.40	3.23	
	MW-65	Apr-24		3.23	4.86	
	MW-66	Oct-19		7.15 B	2.77	
	MW-66	Jun-20		8.44	2.19	
	MW-66	Oct-20		4.41	3.36	
	MW-66	Apr-21		5.16	3.52	
	MW-99	Oct-18		11.9	2.23	
	MW-99	Apr-19		14.9	2.93	
	MW-99	Oct-19		5.02	2.30	
	MW-99	Jun-20		3.97	4.19	
	MW-101	Mar-23		13.1	9.58	
	MW-101	Oct-23		0.565	3.36	
	MW-101	Apr-24		0.478	3.42	
	MW-101	Oct-24		16.6 Q	3.54	
	MW-101	Apr-25		1.40	2.80	
	MW-101	Oct-25		0.322	1.85	

Appendix B, Table B.1 - Summary of Groundwater Analytical Data - Total Petroleum Hydrocarbons

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Analyte Group				TPH		
Analyte				GRO	DRO	DRO - EP
CAS				TPH-GRO	TPH-DRO	TPH-DRO
Units				mg/L	mg/L	mg/L
CGWSL				0.0101	0.0858	0.0167
CGWSL Source				NMED TPH		
Area	**Well ID**	**Date**	**Dup**			
South Refinery	MW-102	Mar-23		**51.6**	**4.96**	
	MW-102	Mar-23	FD	**46.3**	**5.22**	
	MW-102	Oct-23		**38.3**	**3.49**	
	MW-102	Oct-23	FD	**47.6**	**3.94**	
	MW-102	Apr-24		**32.8**	**6.41**	
	MW-102	Apr-24	FD	**29.8**	**8.78**	
	MW-102	Oct-24		**19.4**	**3.64**	
	MW-102	Oct-24	FD	**22.0**	**5.55**	
	MW-102	Apr-25		**20.9**	**6.61**	
	MW-102	Apr-25	FD	**25.3**	**6.80**	
	MW-102	Oct-25		**43.2**	**8.92**	
	MW-102	Oct-25	FD	**36.1**	**8.70**	
	MW-103	Apr-22		**5.10**	**5.37**	
	MW-103	Mar-23		**5.56**	**4.00**	
	MW-103	Apr-24		**4.25**	**4.21**	
	MW-103	Apr-25		**3.02**	**3.48**	
	MW-104	Mar-23		**0.740**	**0.855**	
	MW-104	Oct-23		**0.654**	**1.39**	
	MW-104	Apr-24		**0.729**	**1.36**	
	MW-104	Oct-24		**1.21**	**1.09**	
	MW-104	Apr-25		**0.827**	**1.12**	
	MW-104	Oct-25		**0.804**	**1.68**	
	MW-105	Mar-23		**12.8**	**8.45**	
	MW-105	Oct-23		**4.27**	**1.27**	
	MW-105	Apr-24		**9.07**	**13.5**	
	MW-105	Oct-24		**7.79**	**4.75**	
	MW-105	Apr-25		**8.82** J3	**10.7**	
	MW-105	Oct-25		**15.0**	**9.34**	
	MW-106	Oct-23		**4.37**	**1.50**	
	MW-106	Apr-24		**22.8**	**10.5**	
	MW-106	Oct-24		**11.4**	**3.78**	
	MW-106	Apr-25		**11.9**	**6.88**	
	MW-106	Oct-25		**4.14**	**2.47**	
	MW-107	Oct-15		**14.9** J	**4.72**	
	MW-107	Apr-17		**6.67**	**7.91**	
	MW-107	Apr-18		**21.6**	**4.50**	
	MW-107	Apr-19		**23.3**	**7.93**	
	MW-109	Mar-23		**3.72**	**2.06**	
	MW-109	Oct-23		**5.34**	**2.48**	
	MW-109	Apr-24		**5.81**	**1.52**	
	MW-109	Oct-24		**4.54**	**0.851**	
	MW-109	Apr-25		**2.29**	**3.18**	
	MW-109	Oct-25		**3.59**	**2.70**	
	MW-110	Mar-23		**0.534**	**1.41**	
	MW-110	Oct-23		**0.419**	**0.862**	
	MW-110	Apr-24		**0.617**	**0.696**	
	MW-110	Oct-24		**0.491**	**0.369**	
	MW-110	Apr-25		**0.458**	**0.981**	
	MW-110	Oct-25		**0.452**	**1.05**	
	MW-139	Mar-23		**0.224**	**0.792**	
	MW-139	Oct-23		**0.344**	**0.962**	
	MW-139	Apr-24		**0.242**	**1.15**	
	MW-139	Oct-24		**0.314**	**1.20**	
	MW-139	Apr-25		**0.185**	**0.915**	
	MW-139	Oct-25		**0.276**	**1.24**	
	MW-158	Oct-24		**0.0640** JB	0.0413 J	
	MW-158	Apr-25		**<0.0314**	**0.0974** J	
	MW-158	Oct-25		**0.0662** J	<0.0605	
	MW-159	Oct-24		**0.393**	**0.177**	
	MW-159	Apr-25		**0.349**	**0.441**	
	MW-159	Oct-25		**0.459**	**0.379**	
	RA-313	Apr-22				
	RA-313	Mar-23				
	RA-313	Apr-24				
	RA-313	Apr-25				
	RW-4	Jun-20			**1.63**	
	RW-4	Apr-22			**1.42**	
	RW-4	Mar-23			**1.41**	
	RW-4	Apr-24			**1.43**	
	RW-5R	Apr-15			**6.42**	
	RW-6	Apr-18			**3.04**	
	RW-6	Apr-19			**3.23**	
	RW-6	Mar-23			**7.34**	
	RW-6	Apr-24			**1.23**	
	RW-15C	Apr-17			**9.74**	
	RW-15C	Apr-18			**9.27**	
	RW-15C	Apr-19			**11.7**	
	RW-19	Apr-24			**18.2**	
South RO Reject Field	MW-114	Mar-23		**<0.0314**	**0.335** B	
	MW-114	Oct-23		**0.0417** JB	**0.773**	
	MW-114	Apr-24		**<0.0314**	**0.208**	
	MW-114	Oct-24		**<0.0314**	**0.603**	
	MW-114	Apr-25		**<0.0314**	<0.0605	
	MW-114	Oct-25		**<0.0594**	**0.629**	
	MW-115	Mar-23		**<0.628**	**0.760**	
	MW-115	Oct-23		**0.0609** JB	**0.811**	
	MW-115	Apr-24		**0.0317** J	**0.578**	
	MW-115	Oct-24		**0.0585** JB	**0.852**	
	MW-115	Apr-25		**0.0428** J	**0.879**	
	MW-115	Oct-25		**<0.0594**	**0.956** J4	
	MW-116	Mar-23		**<0.0314**	**0.161**	
	MW-116	Apr-24		**0.106**	**0.103**	
	MW-116	Oct-24		**<0.0314**	**1.72**	
	MW-116	Apr-25		**<0.0314**	**0.203**	
	MW-116	Oct-25		**0.182**	0.0698 J	

Analyte Group				TPH		
Analyte				GRO	DRO	DRO - EP
CAS				TPH-GRO	TPH-DRO	TPH-DRO
Units				mg/L	mg/L	mg/L
CGWSL				0.0101	0.0858	0.0167
CGWSL Source				NMED TPH		
Area	**Well ID**	**Date**	**Dup**			
South RO Reject Field	MW-144	Mar-23				
	MW-144	Oct-23				
	MW-144	Apr-24				
	MW-144	Oct-24				
	MW-144	Apr-25				
	MW-144	Oct-25				
	MW-163	Oct-24				
	MW-163	Apr-25				
	MW-163	Oct-25				
TEL	MW-49	Mar-23		**4.68**	**4.60**	
	MW-49	Oct-23		**6.54**	**5.90**	
	MW-49	Apr-24		**6.79**	**6.53**	
	MW-49	Oct-24		**3.15**	**4.03**	
	MW-49	Apr-25		**3.21**	**4.50**	
	MW-49	Oct-25		**3.06**	**4.77**	
	TEL-1	Oct-18		**0.381**	**8.36**	
	TEL-1	Apr-19		**0.357**	**8.30**	
	TEL-1	Oct-19		**0.736** JB	**8.74**	
	TEL-1	Jun-20		**0.366** J	**5.74**	
	TEL-2	Oct-18		**5.19**	**14.8**	
	TEL-2	Apr-19		**4.27**	**15.8**	
	TEL-2	Oct-19		**3.00** B	**13.5**	
	TEL-2	Jun-20		**1.89**	**8.16**	
	TEL-3	Apr-18		**2.05**	**7.42**	
	TEL-3	Apr-19		**0.999**	**4.14**	
	TEL-3	Oct-19		**1.54** B	**4.82**	
	TEL-3	Oct-20		**2.28**	**6.36**	
	TEL-4	Mar-23		**0.964** J	**3.83**	
	TEL-4	Mar-23	FD	**0.883** J	**7.46**	
	TEL-4	Oct-23		**0.472**	**2.88**	
	TEL-4	Oct-23	FD	**0.563**	**3.20**	
	TEL-4	Apr-24		**0.581**	**3.35**	
	TEL-4	Apr-24	FD	**0.548**	**2.16**	
	TEL-4	Oct-24		**0.426** Q	**2.20**	
	TEL-4	Oct-24	FD	**0.653**	**2.19**	
	TEL-4	Apr-25		**0.304**	**3.82**	
	TEL-4	Apr-25	FD	**0.333**	**3.28**	
	TEL-4	Oct-25		**0.380**	**1.83**	
	TEL-4	Oct-25	FD	**<0.297**	**1.80**	
TMD	MW-8	Apr-22		**0.0546** J	**0.155**	
	MW-8	Mar-23		**0.246**	**0.190** B	
	MW-8	Apr-24		**0.281**	0.0513 J	
	MW-8	Apr-25		**0.151**	<0.0605	
	MW-16	Apr-21			**0.138**	
	MW-16	Apr-22			0.0724 J	
	MW-16	Mar-23			**0.221**	
	MW-16	Apr-24			**0.148**	
	MW-20	Apr-22			**0.0979** J	
	MW-20	Mar-23			**0.130** B	
	MW-20	Apr-24			<0.0247	
	MW-20	Apr-25			<0.0605	
	MW-21	Mar-23		**0.0551** J	**0.320** B	
	MW-21	Oct-23		**0.340**	<0.0247	
	MW-21	Apr-24		**0.110**	**0.249**	
	MW-21	Oct-24		**0.183**	**0.0964** J	
	MW-21	Apr-25		**0.0754** J	**0.325**	
	MW-21	Oct-25		**0.172**	**0.305**	
	MW-25	Apr-22			**0.233**	
	MW-25	Mar-23			**0.223**	
	MW-25	Apr-24			0.0721 J	
	MW-25	Apr-25			**0.0950** J	
	MW-26	Apr-22			<0.0247	
	MW-26	Mar-23			**0.200** B	
	MW-26	Apr-24			**0.105**	
	MW-26	Apr-25			**0.131**	
	MW-27	Apr-22			**0.0950** J	
	MW-27	Mar-23			0.0433 J	
	MW-27	Apr-24			**0.0895** J	
	MW-27	Apr-25			0.0825 J	
	MW-46R	Mar-23			0.0420 J	
	MW-46R	Oct-23			<0.0247	
	MW-46R	Apr-24			**0.171** J3B	
	MW-46R	Oct-24			0.0853 J	
	MW-46R	Apr-25			<0.0605	
	MW-46R	Oct-25			0.0735 J	
	MW-68	Apr-21			**0.0962** J	
	MW-68	Apr-22			**0.0940** J	
	MW-68	Mar-23			0.0533 J	
	MW-68	Apr-24			<0.0247	
	MW-71	Apr-21			**0.0936** J	
	MW-71	Apr-22			**0.0860** J	
	MW-71	Mar-23			**0.107** B	
	MW-71	Apr-24			<0.0247	
	MW-89	Apr-22			**0.248**	
	MW-89	Mar-23			**0.139**	
	MW-89	Apr-24			**0.374**	
	MW-89	Apr-25			**0.377**	
	MW-152	Oct-24		**0.207**	**0.212**	
	MW-152	Apr-25		**0.334**	0.0636 J	
	MW-152	Oct-25		**0.0968** J	**0.312**	
	MW-153	Oct-24		**0.216**	**0.189**	
	MW-153	Apr-25		**0.197**	<0.0605	
	MW-153	Oct-25		**<0.0594**	**0.140**	
	MW-154	Oct-24		**0.0547** J	**0.182**	
	MW-154	Apr-25		**0.119**	**0.259**	
	MW-154	Oct-25		**<0.0594**	**0.191**	
	MW-155	Oct-24		**<0.0314**	0.0523 J	
	MW-155	Apr-25		**<0.0314**	**0.0929** J	
	MW-155	Oct-25		**<0.0594**	**0.106**	
	MW-156	Oct-24		**<0.0314**	0.0306 J	
	MW-156	Apr-25		**<0.0314**	**0.363**	
	MW-156	Oct-25		**<0.0594**	<0.0605	

Appendix B, Table B.1 - Summary of Groundwater Analytical Data - Total Petroleum Hydrocarbons

2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Analyte Group				TPH		
			Analyte	GRO	DRO	DRO - EP
			CAS	TPH-GRO	TPH-DRO	TPH-DRO
			Units	mg/L	mg/L	mg/L
			CGWSL	0.0101	0.0858	0.0167
			CGWSL Source	NMED TPH		
Area	**Well ID**	**Date**	**Dup**			
Up-Gradient	UG-1	Apr-22		**<0.0314**	<0.0247	
	UG-1	Mar-23		**0.0326** JB	<0.0247	
	UG-1	Apr-24		**<0.0314**	<0.0247	
	UG-1	Apr-25		**<0.0314**	**0.204**	
	UG-2	Apr-22		**<0.0314**	<0.0247	
	UG-2	Mar-23		**<0.0314**	<0.0247	
	UG-2	Apr-24		**<0.0314**	<0.0247	
	UG-2	Apr-25		**<0.0314**	<0.0605	
	UG-3R	Apr-22		**<0.0314**	0.0857 J	
	UG-3R	Mar-23		**<0.0314**	0.0306 JB	
	UG-3R	Apr-24		**<0.0314**	0.0416 JB	
	UG-3R	Apr-25		**<0.0314**	<0.0605	
	UG-4	Apr-22		**<0.0314**	<0.0247	
	UG-4	Mar-23		**<0.0314**	0.0826 JB	
	UG-4	Apr-24		**<0.0314**	0.0800 J	
	UG-4	Apr-25		**<0.0314**	<0.0605	

Analyte Group				TPH		
			Analyte	GRO	DRO	DRO - EP
			CAS	TPH-GRO	TPH-DRO	TPH-DRO
			Units	mg/L	mg/L	mg/L
			CGWSL	0.0101	0.0858	0.0167
			CGWSL Source	NMED TPH		
Area	**Well ID**	**Date**	**Dup**			
TMD	NP-1	Mar-23				
	NP-1	Oct-23				
	NP-1	Apr-24				
	NP-1	Oct-24				
	NP-1	Oct-25				
	NP-6	Apr-19				
	NP-6	Apr-21				
	NP-6	Mar-23				
	NP-6	Apr-25				

Definitions

X	Reported concentration, X, exceeds the CGWSL.
X	Analyte detected above the detection limit at a concentration equal to X.
<x	Analyte not detected at detection limit equal to x.
<x	Analyte not detected at detection limit equal to x, but x exceeds the CGWSL.
	Blank cell indicates a sample was collected from the well during the indicated sampling event, but the analyte was not analyzed.
---	No applicable CGWSL.

Abbreviations

1,2,4-TMB	1,2,4-Trimethylbenzene
1,3,5-TMB	1,3,5-Trimethylbenzene
CGWSL	Critical Groundwater Screening Level (see Table 3)
CGWSL Source	Source for CGWSL value (see Table 3)
DRO	Diesel Range Organics
DRO-EP	Diesel Range Organics data from wells located in the Evaporation Ponds area
Dup	Duplicate sample
FD	Field duplicate sample
GRO	Gasoline Range Organics
mg/L	Milligrams per Liter
MTBE	Methyl Tert-Butyl Ether
NMED TPH	NMED Risk Assessment Guidance for Site Investigations and Remediation, November 2022, Table 6-4 TPH Groundwater Screening Level
NMED TW	NMED Risk Assessment Guidance for Site Investigations and Remediation, November 2022, Table A-1 Tap Water Screening Level
TPH	Total Petroleum Hydrocarbons
USEPA TW	United States Environmental Protection Agency Tap Water Screening Level, "Regional Screening Levels (RSL) Summary Table", November 2024
WQCC Dom	NMED Groundwater standard for domestic water supply, 20.6.2.3103.B NMAC
WQCC HH	NMED Groundwater standard for human health exposure, 20.6.2.3103.A NMAC

Lab Footnote

B	Analyte was also detected in the associated method blank.
J	Indicates an estimated value.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
Q	Sample was prepared and/or analyzed past recommended holding time.
V3	Internal standard exhibited poor recovery due to sample matrix interference; analytical result biased high.

Note - Irrigation well RA-4196R was installed in June 2022 to replace both irrigation wells RA-4196 and RA-4798 which were plugged and abandoned in April 2023.

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Appendix B, Table B.2 - Summary of Groundwater Analytical Data - Total Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Cobalt	Chromium	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-48-4	7440-47-3	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC Irr	WQCC HH	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
Cross-Gradient	KWB-13	Apr-22		0.00263	0.0198	0.308	<0.000150	0.000227 J	0.00217	0.933	0.000921 J	0.0195	<0.000100	<0.000816	0.0109	0.0223	0.0210
	KWB-13	Mar-23		0.00364	0.0195	0.316	0.000163 J	0.000512 J	0.00295	**1.14**	0.00257	0.0466	<0.000100	0.00184 J	0.00982	0.0222	0.0244
	KWB-13	Apr-24		0.00298	0.0202	0.268	<0.000150	0.000485 J	0.00250	0.967	0.00172 J	0.0378	<0.000100	0.00150 J	0.00901	0.0199	0.0216
	KWB-13	Apr-25		0.00452	0.0371	0.269			0.00496	**2.30**	0.00475	0.145			0.0106	0.0206	
	MW-136	Mar-23		0.00255	0.0108	0.523	<0.000150	0.000673 J	<0.00124	0.0294 J	<0.000849	0.00709	<0.000100	0.00223	0.00655	**0.0347**	0.0148
	MW-136	Oct-23		0.00243	0.0102	0.538	<0.000150	0.000626 J	<0.00124	<0.0281	<0.000849	0.00636	<0.000100	0.00192 J	0.00689	**0.0325**	0.0143
	MW-136	Oct-24		0.00262	0.0125	0.485	<0.000150	0.000754 J	<0.00124	0.144	<0.000849	0.00909	<0.0000700	0.00213	0.00701	**0.0340**	0.0155
	MW-136	Apr-25		0.00257	0.0142	0.467			<0.000900	0.169	<0.000500	0.0175			0.00604	**0.0318**	
	MW-136	Oct-25		0.00458	0.0498	0.473			0.00416	**1.65**	0.00177 J	**0.486**			0.00681	0.0300	
	MW-149	Oct-23		0.00230	0.0212				0.00227	0.340	<0.000849	0.0174			0.0172		
	MW-149	Apr-24		0.00284	0.0172				<0.00124	0.0601 J	<0.000849	0.00423 J			0.00712		
	MW-149	Oct-24		0.00538	0.0512				0.0100	**2.95** J5O1	**0.0153**	0.0979			0.00899		
	MW-149	Apr-25		0.00309	0.0233				0.00235	0.466	0.00142 J	0.00983			0.00757		
	MW-149	Oct-25		0.00349	0.0285				0.00291	0.717	0.00300	0.0280			0.00759		
	MW-150	Oct-23		0.00186 J	0.0154				0.00137 J	0.290	0.00137 J	0.0649			0.00201		
	MW-150	Apr-24		0.00181 J	0.0133				<0.00124	0.0485 J	<0.000849	0.0159			0.00261		
	MW-150	Oct-24		0.00164 J	0.0124				<0.00124	0.108	<0.000849	0.0231			0.00318		
	MW-150	Apr-25		0.00202	0.0578				0.00231	0.804	0.00142 J	0.0550			0.00475		
	MW-150	Oct-25		0.00168 J	0.0122				<0.000900	0.0427 J	<0.000500	0.0124			0.00303		
	NP-5	Apr-19		0.00313	0.00844				<0.000540	0.0278 J	0.000709 J	0.000563 J			0.0119		
	NP-5	Apr-21		0.00331	0.00873 J				<0.00124	0.0551 J	<0.000849	0.00154 J			0.00904		
	NP-5	Mar-23		0.00376	0.00974				<0.00124	0.108	<0.000849	0.00577			0.00777		
	NP-5	Apr-25		0.00507	0.0752 J6				<0.000900	0.714 J6	<0.000500	0.00781			0.00771		
	RA-3156	Apr-19															
	RA-3156	Jun-20															
	RA-3156	Apr-21															
	RA-3156	Apr-22															
	MW-1R	Apr-22		0.00220	0.0203				<0.00124	**2.95**	<0.000849	**1.26**			<0.000300		
	MW-1R	Mar-23		0.00133 J	0.0184				0.00146 JB	**1.62**	<0.000849	**1.12**			<0.000300		
	MW-1R	Apr-24		0.00120 J	0.0241				<0.00124	**2.21**	<0.000849	**1.60**			<0.000300		
	MW-1R	Apr-25		0.00158 J	0.0267				<0.00450	**2.56**	<0.00250	**1.89**			<0.00125		
	MW-2A	Mar-23		0.00664	0.0191				<0.00124	**1.29**	<0.000849	**0.557**			0.00490		
	MW-2A	Oct-23		0.00772	0.0347				**0.280**	**1.81**	0.00100 J	**2.17**			0.00275		
	MW-2A	Apr-24		0.00545	0.0255				<0.00124	0.195	<0.000849	**0.640**			0.00606		
	MW-2A	Oct-24		0.00800	0.0292				<0.00124	0.372	<0.000849	**0.354**			0.00382		
	MW-2A	Apr-25		0.00663 J	0.0161				<0.00450	<0.113	<0.00250	0.0827			0.0127		
	MW-2A	Oct-25		0.00586 J	0.0198				<0.000900	0.218	<0.000500	**1.26**			0.00189 J		
	MW-3	Mar-23		**0.0257**	0.0128				<0.00124	0.0422 J	<0.000849	**0.886**			0.0340		
	MW-3	Mar-23	FD	**0.0265**	0.0128				<0.00124	0.0433 J	<0.000849	**0.893**			0.0356		
	MW-3	Oct-23		**0.0378**	0.0157				0.00318	0.291	<0.000849	**1.47**			0.00902		
	MW-3	Oct-23	FD	**0.0360**	0.0154				0.00284	0.236	<0.000849	**1.44**			0.00878		
	MW-3	Apr-24		**0.0311**	0.0127				<0.00124	0.107	<0.000849	**0.851**			0.00373		
	MW-3	Apr-24	FD	**0.0231**	0.0103				<0.00124	0.0790 J	<0.000849	**0.360**			0.00165 J		
	MW-3	Oct-24		**0.0330**	0.0141				<0.00124	0.605	<0.000849	**1.03**			0.00332		
	MW-3	Oct-24	FD	**0.0330**	0.0135				0.00144 J	0.647	<0.000849	**1.04**			0.00285		
	MW-3	Apr-25		**0.0404**	0.0150				0.00101 J	**2.32**	<0.000500	**2.37**			0.00744		
	MW-3	Apr-25	FD	**0.0475**	0.0148				<0.000900	**2.89**	<0.000500	**2.69**			0.00655		
	MW-3	Oct-25		**0.0312**	0.0178				<0.000900	0.213	<0.000500	**1.61**			0.0199		
	MW-3	Oct-25	FD	**0.0311**	0.0180				0.00171 J	0.323	<0.000500	**1.57**			0.0215		
	MW-4A	Mar-23		**0.138**	0.0114				<0.00124	**2.30**	<0.000849	**1.71**			0.00151 J		
	MW-4A	Oct-23		**0.100**	0.0131				<0.00124	**1.60**	<0.000849	**1.80**			0.000616 J		
	MW-4A	Apr-24		**0.152**	0.0121				<0.00124	**2.29**	<0.000849	**1.64**			0.000434 J		
	MW-4A	Oct-24		**0.0615**	0.0124				<0.00124	**1.35**	<0.000849	**1.65**			0.000422 J		
	MW-4A	Apr-25		**0.0504**	0.0131				<0.00450	0.556	<0.00250	**2.52**			<0.00125		
	MW-4A	Oct-25		**0.257**	0.0117				<0.00450	**5.79**	<0.00250	**1.89**			0.00158 J		
	MW-4B	Apr-19		**0.0699**	0.0165				0.000725 J	**1.54**	0.000544 JB	**11.1**			<0.000380		
	MW-4B	Apr-21		**0.0515**	0.0169 J				<0.00124	**2.05**	<0.000849	**8.88**			<0.000300		
	MW-4B	Mar-23		**0.0332**	0.0195				<0.00124	**4.39**	<0.000849	**3.30**			<0.000300		
	MW-4B	Apr-25		**0.0343**	0.0191				<0.000900	**4.48**	<0.000500	**4.33**			<0.000250		
	MW-5A	Mar-23		**0.0925**	0.0120				<0.00124	**4.86**	<0.000849	**1.28**			0.000551 J		
	MW-5A	Oct-23		**0.212**	0.0162				<0.00124	**6.43**	<0.000849	**0.855**			0.000984 J		
	MW-5A	Apr-24		**0.170**	0.0149				<0.00620	**6.21**	<0.00424	**0.995**			<0.00150		
	MW-5A	Oct-24		**0.191**	0.0157				<0.00124	**7.28**	<0.000849	**0.863**			0.000920 J		
	MW-5A	Apr-25		**0.0909**	0.0116				<0.000900	**6.04**	<0.000500	**1.55**			0.000792 J		
	MW-5A	Oct-25		**0.271**	0.0145				<0.00450	**7.32**	<0.00250	**0.634**			0.00170 J		
	MW-5B	Apr-19		**0.169**	0.0105				0.000773 J	**4.70**	<0.000240	**3.10**			0.00244		
	MW-5B	Apr-21		**0.0117**	0.0132 J				0.00390	0.828	<0.000849	**1.01**			<0.000300		
	MW-5B	Mar-23		**0.145**	0.0101				<0.00124	**4.41**	<0.000849	**2.75**			0.00141 J		
	MW-5B	Apr-25		**0.127**	0.0100				<0.000900	**3.94**	<0.000500	**2.74**			0.00127 J		
	MW-5C	Apr-19		**0.0114**	0.0127				<0.000540	0.858	0.000611 JB	**0.971**			<0.000380		
	MW-5C	Apr-21		**0.178**	0.0114 J				0.00149 J	**4.87**	<0.000849	**3.00**			0.00162 J		
	MW-5C	Mar-23		0.00949	0.0138				<0.00124	0.677	<0.000849	**0.938**			<0.000300		
	MW-5C	Apr-25		**0.0103**	0.0143				<0.000900	0.992	<0.000500	**1.22**			<0.000250		
	MW-6A	Apr-22		0.00483	0.0137				<0.00124	0.585	<0.000849	**0.266**			0.000475 J		
	MW-6A	Mar-23		0.00591	0.0131				<0.00124	0.914	<0.000849	**0.643**			0.00134 J		
	MW-6A	Apr-24		0.00434	0.0124				<0.00124	0.603	<0.000849	**0.265**			0.000457 J		
	MW-6A	Apr-25		0.00970	0.0252				<0.000900	0.462	<0.000500	**0.836** O1V			0.00331		
	MW-6B	Apr-19		**0.0421** O1	0.0154				<0.000540	**1.48** O1	0.00132 JB	**2.34** O1V			0.000416 J		
	MW-6B	Apr-21		**0.0462**	0.0141 J				0.00209	**1.59**	<0.000849	**2.24**			<0.000300		
	MW-6B	Mar-23		**0.0367**	0.0149				<0.00124	**1.59**	<0.000849	**2.57**			<0.000300		
	MW-6B	Apr-25		**0.0390**	0.0137				<0.000900	**1.42**	<0.000500	**2.07**			<0.000250		
	MW-7A	Mar-23		**0.0160**	0.0153				<0.00124	**2.73**	<0.000849	**0.373**			0.000338 J		
	MW-7A	Mar-23	FD	**0.0257**	0.0153				<0.00124	**5.93**	<0.000849	**0.393**			0.000828 J		
	MW-7A	Oct-23		**0.0162**	0.0164				<0.00124	**2.30**	<0.000849	**0.451**			<0.000300		
	MW-7A	Oct-23	FD	**0.0159**	0.0167				<0.00124	**2.23**	<0.000849	**0.443**			<0.000300		
	MW-7A	Apr-24		**0.0147**	0.0152				<0.00124	**2.38**	<0.000849	**0.454**			<0.000300		
	MW-7A	Apr-24	FD	**0.0152**	0.0148				<0.00124	**2.53**	<0.000849	**0.478**			<0.000300		
	MW-7A	Oct-24		**0.0187**	0.0156				<0.00124	**3.06**	<0.000849	**0.484**			<0.000300		
	MW-7A	Oct-24	FD	**0.0181**	0.0168				<0.00124	**3.04**	<0.000849	**0.482**			0.000478 J		
	MW-7A	Apr-25		**0.0135**	0.0153				0.0144	**2.51**	<0.00250	**0.521**			0.00151 J		
	MW-7A	Apr-25	FD	**0.0141**	0.0130				0.0172	**2.60**	<0.00250	**0.521**			0.00166 J		
	MW-7A	Oct-25		**0.0140**	0.0173				<0.00450	**2.47**	<0.00250	**0.472**			0.00159 J		
	MW-7A	Oct-25	FD	**0.0132**	0.0154				<0.00450	**2.35**	<0.00250	**0.460**			<0.00125		
	MW-7B	Apr-19		0.00400	0.0114				<0.000540	0.0885 J	0.000403 JB	**0.488**			<0.000380		
	MW-7B	Apr-21		0.00427	0.0112 J				<0.00124	0.121 B	<0.000849	**0.570**			0.000437 J		
	MW-7B	Mar-23		0.00441	0.0106				<0.00124	0.150	<0.000849	**0.584**			<0.000300		
	MW-7B	Apr-25		0.00365	0.0125				<0.000900	0.154	<0.000500	**0.666**			<0.000250		
	MW-10	Mar-23		**0.0145**	0.0141				<0.00124	0.338	<0.000849	**1.93**			0.000864 J		
	MW-10	Oct-23		**0.0124**	0.0125				<0.00124	0.204	<0.000849	**2.51**			<0.000300		
	MW-10	Apr-24		**0.0123**	0.0138				<0.00124	0.253	<0.000849	**2.60**			<0.000300		
	MW-10	Oct-24		**0.0137**	0.0129				<0.00124	0.428 B	<0.000849	**2.93**			<0.000300		
	MW-10	Apr-25		**0.0218**	0.0224				<0.00450	**1.21**	<0.00250	**2.94**			<0.00125		
	MW-10	Oct-25		**0.0285**	0.0147				<0.00450	**2.36**	<0.00250	**3.15**			<0.00125		
	MW-11A	Apr-24		0.000413 J	0.0204				0.00607	**1.32**	<0.000849	0.0330			<0.000300		
	MW-11A	Oct-24															
	MW-11A	Apr-25		<0.00120	0.0287				<0.00900	0.447 J	<0.00500	0.0819			<0.00250		
	MW-11A	Oct-25															

Evaporation Ponds

Appendix B, Table B.2 - Summary of Groundwater Analytical Data - Total Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Cobalt	Chromium	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-48-4	7440-47-3	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC Irr	WQCC HH	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
	MW-11B	Apr-19		0.00336	0.0160				<0.000540	**3.67**	<0.000240	**0.367**			<0.000380		
	MW-11B	Apr-21		0.00370 J	0.0203 J				<0.00620	**3.96**	<0.00424	**0.403**			<0.00150		
	MW-11B	Mar-23		0.00352 J	0.0155 J				<0.0124	**3.82**	<0.00849	**0.362**			<0.00300		
	MW-11B	Apr-25		0.00328 J	0.0161				<0.00450	**3.73**	<0.00250	**0.367**			<0.00125		
	MW-15	Apr-22		**0.0249**	0.0149				<0.00124	<0.0281	<0.000849	0.0627			0.000468 J		
	MW-15	Mar-23		**0.0246**	0.0162				<0.00124	0.0656 J	<0.000849	0.0453			0.000963 J		
	MW-15	Apr-24		**0.0180**	0.0182				0.00272	0.0314 J	<0.000849	0.0705			0.000710 J		
	MW-15	Apr-25		**0.0225**	0.0244				<0.000900	0.0576 J	<0.000500	0.0319			0.00370		
	MW-18A	Mar-23		0.00461	0.0160	**1.96**	<0.000150	0.000424 J	0.00135 JB	0.0362 J	<0.000849	0.0594	<0.000100	0.00995	0.000796 J	0.0244	<0.000664
	MW-18A	Oct-23		0.00410 J	0.0185	**2.36**	<0.000750	0.000405 J	<0.00620	0.500 JB	<0.00424	**1.34**	<0.000100	0.00907 J	<0.00150	0.0224	<0.00332
	MW-18A	Apr-24		0.00448	0.0169	**2.08**	<0.000150	0.000279 J	<0.00124	<0.0281	<0.000849	0.0482	<0.000100 I6O	0.00980	0.000532 J	0.0263	<0.000664
	MW-18A	Oct-24		0.00441 J	0.0196	**2.17**	<0.000750	0.00245 J	<0.00620	0.402 J	<0.00424	**1.63**	<0.0000700	0.0102	<0.00150	0.0227	<0.00332
	MW-18A	Apr-25		0.00348 J	0.0169	**2.37**			<0.00450	0.251 J	<0.00250	**1.63**			<0.00125	**0.0313**	
	MW-18A	Oct-25		0.00472 J	0.0154 J	**2.14**			<0.00900	<0.226	<0.00500	**0.926**			<0.00250	0.0226	
	MW-18B	Apr-19		**0.0115**	0.0168				<0.000540	0.138	0.000778 J	**1.26**			<0.000380		
	MW-18B	Apr-21		0.00806	0.0137 J				<0.00124	0.0497 JB	<0.000849	**1.09**			<0.000300		
	MW-18B	Mar-23		0.00844	0.0114				<0.00124	0.0449 J	<0.000849	**1.02**			<0.000300		
	MW-18B	Apr-25		0.00877	0.0124				<0.000900	0.0356 J	<0.000500	**1.14**			<0.000250		
	MW-22A	Mar-23		**0.0328**	0.0170				0.00843	0.0686 J	<0.000849	0.116			0.0247		
	MW-22A	Mar-23	FD	**0.0326**	0.0169				0.00760	0.0615 J	<0.000849	0.106			0.0254		
	MW-22A	Oct-23		**0.0240**	0.0160				<0.00124	0.283	<0.000849	**5.87**			0.00153 J		
	MW-22A	Oct-23	FD	**0.0233**	0.0156				<0.00124	0.284	<0.000849	**5.77**			0.00138 J		
	MW-22A	Apr-24		0.00942	0.0114				<0.00124	0.104	<0.000849	**1.09**			0.000367 J		
	MW-22A	Apr-24	FD	**0.0237**	0.0112				<0.00124	0.0805 J	<0.000849	**0.365**			0.00169 J		
	MW-22A	Oct-24		**0.0368**	0.0169				0.00489	**4.27**	<0.000849	**4.50**			0.000893 J		
	MW-22A	Oct-24	FD	**0.0368**	0.0167				<0.00124	**4.23**	<0.000849	**4.49**			0.00106 J		
	MW-22A	Apr-25		**0.0309**	0.0199 J				<0.00900	<0.226	<0.00500	0.0577			0.0286		
	MW-22A	Apr-25	FD	**0.0303**	0.0166 J				<0.00900	<0.226	<0.00500	0.0748			0.0287		
	MW-22A	Oct-25		**0.0196**	0.0117				<0.00450	<0.113	<0.00250	**3.83**			0.00248 J		
	MW-22A	Oct-25	FD	**0.0205**	0.00841 J				<0.00450	<0.113	<0.00250	**4.02**			0.00275 J		
	MW-22B	Apr-19		**0.0316**	0.0134				0.00173 J	**1.99**	<0.000240	**4.31**			0.000766 J		
	MW-22B	Apr-21		**0.0298**	0.0150 J				<0.00124	**2.04**	<0.000849	**5.02**			0.000614 J		
	MW-22B	Mar-23		**0.0273**	0.0126				<0.00124	**1.75**	<0.000849	**4.88**			0.00143 J		
	MW-22B	Apr-25		**0.0279**	0.0131				<0.00450	**2.03**	<0.00250	**5.47**			<0.00125		
	MW-70	Mar-23		**0.0169**	0.0139				0.00155 JB	**3.19**	<0.000849	0.157			0.000306 J		
	MW-70	Oct-23		**0.0208**	0.0169				<0.00124	**8.51**	<0.000849	**0.385**			0.000476 J		
	MW-70	Apr-24		**0.0168**	0.0146				<0.00124	**4.74**	<0.000849	0.0644			<0.000300		
	MW-70	Oct-24		**0.0186**	0.0165				<0.00124	**7.05**	<0.000849	**0.219**			0.000316 J		
	MW-70	Apr-25		**0.0175**	0.0171				<0.000900	**3.18**	<0.000500	**0.424**			0.000349 J		
	MW-70	Oct-25		**0.0258**	0.0152				<0.000900	**3.55**	<0.000500	**0.216**			<0.000250		
	MW-72	Apr-22		0.00435	0.0112				0.00134 J	0.313	<0.000849	**0.493**			0.00171 J		
	MW-72	Mar-23		0.00428	0.00985				0.00125 J	0.286	<0.000849	**0.536**			0.00221		
	MW-72	Apr-24		0.00475	0.0108				<0.00124	0.369	<0.000849	**0.413**			0.00193 J		
	MW-72	Apr-25		0.00805 J	0.00866 J				<0.00450	<0.113	<0.00250	0.0436			0.0133		
	MW-73	Apr-22		**0.0424**	0.00967				0.00158 J	**2.35**	<0.000849	**0.597**			0.00114 J		
	MW-73	Mar-23		**0.0408**	0.00870				<0.00124	0.930	<0.000849	**0.269**			0.00158 J		
	MW-73	Apr-24		**0.0391**	0.0104				<0.00620	**2.61**	<0.00424	**0.525**			0.00179 J		
	MW-73	Apr-25		**0.0329**	0.00912				<0.000900	**2.98**	<0.000500	**0.221**			0.00114 J		
	MW-74	Mar-23		**0.0917**	0.0141				<0.00124	0.0308 J	<0.000849	**2.04**			0.0122		
	MW-74	Oct-23		**0.115**	0.0147				0.00157 J	0.999	<0.000849	**2.24**			0.00773		
	MW-74	Apr-24		**0.0902**	0.0138				<0.00124	0.0507 J	<0.000849	**1.95 V**			0.00528		
	MW-74	Oct-24		**0.117**	0.0464				0.00216	**12.7 V**	0.00144 J	**2.33 V**			0.00595		
	MW-74	Apr-25		**0.0810**	0.0210				<0.000900	0.867	<0.000500	**1.76**			0.00854		
	MW-74	Oct-25		**0.0651**	0.0442				0.00165 J	0.231	0.00345	**1.32**			0.0323		
	MW-75	Mar-23		**0.102**	0.0146				0.00162 J	0.252	<0.000849	**1.25**			0.00293		
	MW-75	Oct-23		**0.298**	0.0146				0.00181 J	**5.04**	<0.000849	**1.07**			0.00236		
	MW-75	Apr-24		**0.0863**	0.0143				<0.00124	0.198	<0.000849	**1.08**			0.00152 J		
	MW-75	Oct-24		**0.389**	0.0145				0.00139 J	**7.04**	<0.000849	**0.984**			0.00192 J		
	MW-75	Apr-25		**0.0855**	0.0170				<0.00450	0.163 J	<0.00250	**1.50**			0.00261 J		
	MW-75	Oct-25		**0.342**	0.0147				0.00170 J	**5.27**	<0.000500	**1.04**			0.00245		
	MW-76	Mar-23		**0.0225**	0.0126				<0.00124	**2.95**	<0.000849	**0.721**			0.00174 J		
	MW-76	Oct-23		**0.0226**	0.0149				0.00126 J	**2.71**	<0.000849	**0.754**			0.00144 J		
	MW-76	Apr-24		**0.0134**	0.0152				<0.00124	**1.27**	<0.000849	**0.692**			0.00102 J		
	MW-76	Oct-24		**0.0241**	0.0156				<0.00124	**3.44**	<0.000849	**0.718**			0.000884 J		
	MW-76	Apr-25		**0.0397**	0.0144				0.000932 J	**5.82**	<0.000500	**1.22**			0.00134 J		
	MW-76	Oct-25		**0.0194**	0.0152				0.000971 J	**2.54**	<0.000500	**0.800**			0.00147 J		
	MW-77	Apr-22		**0.0196**	0.0158				0.0438	0.610	<0.000849	**0.506**			0.0131		
	MW-77	Mar-23		**0.0261**	0.0157				0.0296	**1.37**	<0.000849	**0.576**			0.0128		
	MW-77	Apr-24		**0.0184**	0.0148				0.0329	0.217	<0.000849	**0.497**			0.0121		
	MW-77	Apr-25		**0.0330**	0.0168				0.0312	**3.14**	0.000622 B J	**1.00**			0.00394		
	MW-78	Apr-22		0.00692	0.0549				**0.147**	0.120	<0.000849	**0.236**			0.00963		
	MW-78	Mar-23		0.00747	0.0441				**0.109**	0.0969 J	<0.000849	0.180			0.0103		
	MW-78	Apr-24		0.00642	0.0423				**0.103**	0.0285 J	<0.000849	**0.275**			0.00710		
	MW-78	Apr-25		0.00998	0.0392				**0.0577**	0.454	<0.000500	**0.910**			0.00739		
	MW-79	Mar-23		0.00377	0.0142				<0.00124	0.0453 J	<0.000849	**0.240**			0.00135 J		
	MW-79	Oct-23		0.00483	0.0161				<0.00124	0.0935 J	<0.000849	**0.891**			0.0145		
	MW-79	Apr-24		0.00491	0.0139				<0.00124	0.0607 J	<0.000849	0.175			0.0132		
	MW-79	Oct-24		0.00455	0.0159				<0.00124	0.0538 J	<0.000849	**0.488**			0.0188		
	MW-79	Apr-25		0.00570	0.0141				<0.000900	0.0577 J	<0.000500	0.0335			0.0331		
	MW-79	Oct-25		0.00352 J	0.0130				<0.000900	0.0451 J	<0.000500	**2.42**			0.00241		
	MW-80	Apr-22		0.00820	0.0139				0.00365	**2.51**	<0.000849	**0.447**			0.000860 J		
	MW-80	Mar-23		0.00225	0.0133				<0.00124	0.0854 J	<0.000849	0.0841			0.000687 J		
	MW-80	Apr-24		0.00152 J	0.0134				<0.00124	0.0908 J	<0.000849	0.0749			0.000429 J		
	MW-80	Apr-25		0.00405	0.0142				<0.000900	0.230	<0.000500	0.0695			0.00325		
	MW-81	Apr-22		0.00621	0.0141				<0.00124	0.0450 J	<0.000849	0.0213			0.0120		
	MW-81	Mar-23		0.00648	0.0151				0.00532	0.0847 J	<0.000849	0.115			0.0113		
	MW-81	Apr-24		0.00645	0.0131				<0.00124	<0.0281	<0.000849	0.0267			0.00995		
	MW-81	Apr-25		0.00886	0.0153				<0.000900	0.0248 J	<0.000500	0.0328			0.0244		
	MW-82	Apr-22		**0.0235**	0.0257				<0.00124	0.235	<0.000849	**2.55**			0.00103 J		
	MW-82	Mar-23		**0.0225**	0.0239				0.00228	0.269	<0.000849	**2.84**			0.00115 J		
	MW-82	Apr-24		**0.0167**	0.0216				<0.00124	0.194	<0.000849	**2.66**			0.000674 J		
	MW-82	Apr-25		**0.0170**	0.0277				<0.00450	<0.113	<0.00250	**2.13**			0.00163 J		
	MW-83	Mar-23		**0.0503**	0.0205				0.00601	0.423	0.00120 J	**0.426**			0.0107		
	MW-83	Oct-23		**0.0466**	0.0208				0.00443	**4.25**	<0.000849	**0.516**			0.00924		
	MW-83	Apr-24		**0.0261**	0.0222				0.00276	0.236	<0.000849	**0.243**			0.00312		
	MW-83	Oct-24		**0.0519**	0.0284				0.00661	0.911	0.00117 J	**0.206**			0.00967		
	MW-83	Apr-25		**0.0474**	0.0229				0.00209	**1.19**	0.000928 B J	**0.364**			0.00234		
	MW-83	Oct-25		**0.0500**	0.0208				0.00370	**8.12**	0.000947 J	**0.363**			0.00138 J		
	MW-84	Mar-23		**0.112**	0.0132				0.00648	**1.45**	<0.000849	**2.69**			0.00836		
	MW-84	Oct-23		**0.157**	0.0125				0.00525	**9.11**	<0.000849	**2.69**			0.00630		
	MW-84	Apr-24		**0.140**	0.0111				0.00392	**4.12**	<0.000849	**2.38**			0.00571		
	MW-84	Oct-24		**0.164**	0.0125				0.00358	**9.68**	<0.000849	**2.65**			0.00555		
	MW-84	Apr-25		**0.0969**	0.0117				<0.00450	**2.36**	<0.00250	**1.94**			0.00599 J		
	MW-84	Oct-25		**0.192**	0.0152				0.00430	**14.9**	<0.000500	**2.32**			0.00603		
	MW-86	Jun-20		**0.104**	0.0255	0.626	<0.000478	0.000506 J	**0.0552**	**4.20**	<0.00249	0.158	<0.000100	0.00828	0.00715	<0.00754	0.0220
	MW-86	Oct-20		**0.0948**	0.0184 J	0.671	<0.000478	<0.000477	0.0388	0.210	0.00356 J	0.170	<0.000100	0.00447	0.00443	<0.00754	0.0209

Evaporation Ponds

Appendix B, Table B.2 - Summary of Groundwater Analytical Data - Total Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Cobalt	Chromium	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-48-4	7440-47-3	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC Irr	WQCC HH	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
Evaporation Ponds	MW-87	Mar-23		0.00439	0.0137				<0.00124	<0.0281		<0.000849	0.0301			<0.000300		
	MW-87	Oct-23		0.00499 J	0.0169				<0.00620	0.162 JB		<0.00424	**0.726**			<0.00150		
	MW-87	Apr-24		0.00457	0.0132				<0.00124	0.0869 J		<0.000849	0.0499			<0.000300		
	MW-87	Oct-24		0.00597	0.0163				<0.00124	0.289		<0.000849	**1.06**			<0.000300		
	MW-87	Apr-25		0.00455	0.0153				0.00157 J	0.939		<0.000500	0.120			0.00448		
	MW-87	Oct-25		0.00585 J	0.0159				<0.00450	0.445 J		<0.00250	**0.501**			0.00168 J		
	MW-88	Mar-23		0.00915	0.0103				<0.00124	0.0806 J		<0.000849	**1.06**			0.000710 J		
	MW-88	Oct-23		0.00839 J	0.0120				<0.00620	<0.140		<0.00424	**0.935**			<0.00150		
	MW-88	Apr-24		0.00201	0.0115				0.00298	<0.0281		<0.000849	**0.321**			0.00160 J		
	MW-88	Oct-24		0.00958	0.0133				<0.00124	0.196		<0.000849	**1.36**			<0.000300		
	MW-88	Apr-25		0.00652 J	0.0162				<0.00450	0.185 J		<0.00250	**2.27**			<0.00125		
	MW-88	Oct-25		**0.0103**	0.0151				<0.00450	0.282 J		<0.00250	**1.89**			<0.00125		
	MW-120	Mar-23		0.00317	0.0112				<0.00124	**2.87**		<0.000849	**1.11**			0.0140		
	MW-120	Oct-23		0.00414	0.0121				<0.00124	**11.6**		<0.000849	**1.28**			0.00569		
	MW-120	Apr-24		0.00336	0.00933				<0.00124	0.779		<0.000849	**0.764**			0.00798		
	MW-120	Oct-24		0.00916	0.0184				<0.00124	**50.6**		<0.000849	**1.18**			0.00413		
	MW-120	Apr-25		0.00184 J	0.0109				<0.00450	**4.00**		<0.00250	**1.35**			0.0174		
	MW-120	Oct-25		0.00585	0.0154				0.00105 J	**37.7**		<0.000500	**1.22**			0.00665		
	MW-121	Mar-23		**0.0283**	0.0116				<0.00124	0.224		<0.000849	**1.65**			0.00629		
	MW-121	Oct-23		**0.0343**	0.0124				<0.00124	0.260		<0.000849	**1.55**			0.00685		
	MW-121	Apr-24		**0.0222**	0.0101				<0.00124	<0.0281		<0.000849	**1.25**			0.00312		
	MW-121	Oct-24		**0.205**	0.0172				<0.00124	**5.33**		<0.000849	**2.20**			0.00276		
	MW-121	Apr-25		**0.180**	0.0136				<0.000900	**4.53**		<0.000500	**1.36**			0.00495		
	MW-121	Oct-25		**0.0277**	0.0147				<0.000900	0.233		<0.000500	**1.43**			0.00240		
	MW-122	Mar-23		0.00319	0.0315				<0.00124	**2.43**		<0.000849	**1.21**			<0.000300		
	MW-122	Oct-23		0.00414	0.0244				<0.00124	**6.51**		<0.000849	**1.28**			<0.000300		
	MW-122	Apr-24		0.00104 J	0.0228				<0.00124	0.555		<0.000849	0.183			<0.000300		
	MW-122	Oct-24		0.00299	0.0260				<0.00124	**5.80**		<0.000849	**1.30**			<0.000300		
	MW-122	Apr-25		0.00735 J	0.0331				<0.00450	**8.97**		<0.00250	**1.77**			<0.00125		
	MW-122	Oct-25		0.00498 J	0.0220				<0.000900	**6.29**		<0.000500	**1.56**			<0.000250		
	MW-123	Mar-23		**0.0178**	0.0300				<0.00124	<0.0281		<0.000849	**3.27**			0.000738 J		
	MW-123	Oct-23		**0.0169**	0.0290				<0.00124	0.0377 J		<0.000849	**3.45**			<0.000300		
	MW-123	Apr-24		**0.0189**	0.0282				0.00124 J	0.783		0.00164 J	**3.15**			0.000453 J		
	MW-123	Oct-24		**0.0157**	0.0293 O1				<0.00124	0.0624 JB		<0.000849	**3.99** O1			<0.000300		
	MW-123	Apr-25		**0.0148**	0.0272				<0.00450	0.127 J		<0.00250	**3.26**			<0.00125		
	MW-123	Oct-25		**0.0143**	0.0295				<0.000900	0.0575 J		<0.000500	**3.19**			<0.000250		
	MW-124	Mar-23		0.00111 J	0.0153				<0.00124	**1.61**		<0.000849	**0.321**			<0.000300		
	MW-124	Oct-23		0.00154 J	0.0163				<0.00620	**5.06**		<0.00424	**0.435**			<0.00150		
	MW-124	Apr-24		0.000933 J	0.0156				<0.00124	**1.99**		<0.000849	**0.293**			<0.000300		
	MW-124	Oct-24		0.00312 J	0.0190				<0.00620	**7.70**		<0.00424	**0.508**			<0.00150		
	MW-124	Apr-25		0.00116 J	0.0171				<0.00450	0.978		<0.00250	**0.727**			<0.00125		
	MW-124	Oct-25		0.00264	0.0193				<0.000900	**3.05**		<0.000500	**0.642**			<0.000250		
	OCD-1R	Mar-23		**0.0224**	0.0231				<0.00124	**8.74**		<0.000849	**2.79**			0.00115 J		
	OCD-1R	Oct-23		**0.0249**	0.0306				<0.00124	**9.76**		<0.000849	**3.16**			<0.000300		
	OCD-1R	Apr-24		**0.0118**	0.0205				<0.00124	**4.53**		<0.000849	**1.50**			<0.000300		
	OCD-1R	Oct-24		**0.0104**	0.0255				<0.00124	**4.20**		<0.000849	**1.53**			0.000328 J		
	OCD-1R	Apr-25		0.00591 J	0.0187				<0.00450	**3.42**		<0.00250	**2.61**			<0.00125		
	OCD-1R	Oct-25		0.00920 J	0.0214				<0.00900	**4.18**		<0.00500	**2.58**			<0.00250		
	OCD-2A	Mar-23		0.00171 J	0.0227				<0.00124	**1.31**		<0.000849	**0.676**			0.00110 J		
	OCD-2A	Oct-23		0.00252	0.0267				<0.00124	**5.26**		<0.000849	**1.42**			0.000428 J		
	OCD-2A	Apr-24		0.00227	0.0196				<0.00124	**3.66**		<0.000849	**1.41**			<0.000300		
	OCD-2A	Oct-24		0.00173 J	0.0416				<0.00124	**4.32**		<0.000849	**0.944**			<0.000300		
	OCD-2A	Apr-25		0.00109 J	0.0228				<0.00450	<0.113		<0.00250	0.0665			<0.00125		
	OCD-2A	Oct-25		0.00135 J	0.0251				<0.000900	**1.75**		<0.000500	**1.46**			0.000452 J		
	OCD-3	Mar-23		0.000930 J	0.0212				<0.00124	0.161		<0.000849	**0.226**			0.000551 J		
	OCD-3	Oct-23		0.00162 J	0.0248				**0.656**	**3.29**		<0.000849	**0.968**			<0.000300		
	OCD-3	Apr-24		0.000910 J	0.0234				<0.00124	0.296		<0.000849	**0.277**			<0.000300		
	OCD-3	Oct-24		0.000894 J	0.0157				<0.00124	0.408		<0.000849	**0.283**			<0.000300		
	OCD-3	Apr-25		0.000909 J	0.0202				<0.000900	0.343		<0.000500	0.0577			0.000632 J		
	OCD-3	Oct-25		0.000977 J	0.0159				<0.000900	0.124		<0.000500	**0.765**			<0.000250		
	OCD-4	Mar-23		0.00279	0.0216				<0.00124	**1.75**		<0.000849	0.0540			0.000637 J		
	OCD-4	Oct-23		0.00659	0.0244				<0.00124	**6.16**		<0.000849	**0.453**			<0.000300		
	OCD-4	Apr-24		0.00398	0.0176				<0.00124	**3.24**		<0.000849	0.0762			<0.000300		
	OCD-4	Oct-24		0.00680	0.0200				<0.00124	**6.14**		<0.000849	0.173			<0.000300		
	OCD-4	Apr-25		0.00284 J	0.0218				<0.00450	**2.23**		<0.00250	0.125			0.00275 J		
	OCD-4	Oct-25		0.00240	0.0276				0.00115 J	**1.26**		0.00115 J	**0.523**			0.000356 J		
	OCD-5	Mar-23		**0.0105 J**	0.0236				<0.0124	**7.22**		<0.00849	0.158			<0.00300		
	OCD-5	Oct-23		**0.0253**	0.0284				<0.00124	**27.7**		<0.000849	**0.392**			<0.000300		
	OCD-5	Apr-24		0.00767	0.0221				<0.00124	**3.91**		<0.000849	0.155			<0.000300		
	OCD-5	Oct-24		**0.0107**	0.0271				<0.00124	**8.87**		<0.000849	**0.417**			<0.000300		
	OCD-5	Apr-25		**0.0116**	0.0247				<0.00450	**5.38**		<0.00250	**0.312**			<0.00125		
	OCD-5	Oct-25		0.00780 J	0.0194 J				<0.00900	**5.42**		<0.00500	**0.406**			<0.00250		
	OCD-6	Mar-23		0.00659	0.0225				<0.00124	**1.52**		<0.000849	**1.91**			0.000944 J		
	OCD-6	Oct-23		0.00978	0.0268				<0.00124	**6.44**		<0.000849	**2.39**			0.000737 J		
	OCD-6	Apr-24		0.00656	0.0222				<0.00124	0.522		<0.000849	**2.03**			0.000335 J		
	OCD-6	Oct-24		0.00994	0.0267				<0.00124	**8.29**		<0.000849	**2.35**			0.000522 J		
	OCD-6	Apr-25		0.00514	0.0211				<0.000900	0.263		<0.000500	**1.58**			0.000690 J		
	OCD-6	Oct-25		0.00713 J	0.0261				<0.000900	**3.86**		<0.000500	**2.70**			0.000636 J		
	OCD-7AR	Mar-23		**0.0478**	0.0133				<0.00124	**3.45**		<0.000849	**2.43**			0.00140 J		
	OCD-7AR	Oct-23		**0.103**	0.0152				<0.00124	**11.2**		<0.000849	**2.86 V**			0.00120 J		
	OCD-7AR	Apr-24		**0.0582**	0.0144				<0.00124	**5.51**		<0.000849	**2.97**			0.00107 J		
	OCD-7AR	Oct-24		**0.0764**	0.0162				<0.00124	**11.0**		<0.000849	**3.33**			0.00128 J		
	OCD-7AR	Apr-25		**0.0377**	0.0121				<0.000900	**1.21**		<0.000500	**1.58**			0.00144 J		
	OCD-7AR	Oct-25		**0.0706**	0.0178				<0.000900	**15.3**		0.000693 J	**2.88**			0.00133 J		
	OCD-7B	Apr-19		0.00184 J	0.0163				0.000918 J	**4.81**		0.000715 JB	**0.564**			<0.000380		
	OCD-7B	Apr-21		0.00169 J	0.0151 J				<0.00124	**4.34**		<0.000849	**0.669**			<0.000300		
	OCD-7B	Mar-23		0.00226	0.0152				<0.00124	**3.95**		<0.000849	**0.655**			<0.000300		
	OCD-7B	Apr-25		0.00321	0.0156				<0.000900	**4.07**		<0.000500	**0.681**			<0.000250		
	OCD-8A	Mar-23		**0.0272**	0.0153	**0.957**	<0.000150	0.00140 J	<0.00124	**1.17**		<0.000849	**1.06**	<0.000100	0.0312	0.00136 J	0.00551	<0.000664
	OCD-8A	Oct-23		**0.0644**	0.0166	**1.02**	<0.000750	0.00143 J	<0.00620	**3.60**		<0.00424	**2.61**	<0.000100	0.0209	<0.00150	0.00302 J	<0.00332
	OCD-8A	Apr-24		**0.0674**	0.0171	**0.833**	<0.000750	0.00131 J	<0.00620	**4.82**		<0.00424	**3.00**	<0.000100	0.0212	0.00224 J	0.00233 J	<0.00332
	OCD-8A	Oct-24		**0.0755**	0.0148	**0.866**	<0.000150	0.00160 J	<0.00124	**5.78**		<0.000849	**3.18**	<0.0000700	0.0214	0.00152 J	0.00186	0.000751 J
	OCD-8A	Apr-25		**0.0289**	0.0133	**0.883**			<0.00450	0.383 J		<0.00250	**0.706**			0.00299 J	0.00614	
	OCD-8A	Oct-25		**0.0513**	0.0160	**0.926**			<0.00450	**2.91**		<0.00250	**2.06**			0.00388 J	0.00375 J	
	OCD-8B	Apr-19		0.0100	0.0135				<0.000540	0.240		0.000392 J	**7.21 V**			0.000541 J		
	OCD-8B	Apr-21		0.00986	0.0128 J				<0.00124	0.198 B		<0.000849	**6.01**			0.000465 J		
	OCD-8B	Mar-23		0.00916	0.0117				<0.00124	0.143		<0.000849	**6.52**			<0.000300		
	OCD-8B	Apr-25		0.00901 J	0.0130				<0.00450	0.197 J		<0.00250	**8.06**			<0.00125		
Field East of Refinery	KWB-1A	Mar-23		0.00344	0.00974	0.745	<0.000150	0.00605	<0.00124	0.295		0.00331	**0.401**	<0.000100	0.00799	<0.000300	0.0102	0.0174
	KWB-1A	Oct-23		0.00332	0.00888	0.723	<0.000150	0.00590	<0.00124	0.0754 J		<0.000849	**0.376**	<0.000100	0.00718	<0.000300	0.00862	0.0173
	KWB-1A	Apr-24		0.00327	0.00866	0.695	<0.000150	0.00531	<0.00124	0.0984 J		<0.000849	**0.328**	<0.000100	0.00625	<0.000300	0.00811	0.0170
	KWB-1A	Oct-24		0.00359	0.00969	0.681	<0.000150	0.00564	<0.00124	0.0615 J		0.00142 J	**0.314**	<0.0000700	0.00700	<0.000300	0.00793	0.0201
	KWB-1C	Apr-19		0.00347	0.00925				0.00162 JB	0.0269 J		0.000292 JB	**0.482**			<0.000380		
	KWB-1C	Apr-21		0.00331	0.00957 J				<0.00124	0.0295 J		<0.000849	**0.420**			0.000303 J		
	KWB-1C	Mar-23		0.00366	0.00902				<0.00124	<0.0281		<0.000849	**0.426**			<0.000300		
	KWB-1C	Apr-25		0.00328	0.0110				<0.000900	<0.0226		<0.000500	**0.348**			0.000362 J		

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Appendix B, Table B.2 - Summary of Groundwater Analytical Data - Total Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Cobalt	Chromium	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-48-4	7440-47-3	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC Irr	WQCC HH	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
Field East of Refinery	KWB-3AR	Apr-25		0.00383	0.0203	0.606			0.00299	**1.49**	0.00142 J	0.0229			0.00890	0.0272		
	KWB-3AR	Nov-25		0.00268	0.0147	0.651			0.00117	0.243	0.000510	0.00528			0.00823	**0.0356**		
	KWB-7	Mar-23		0.000379 J	0.0665	0.470	<0.000150	0.0000869 J	<0.00124	0.0649 J	<0.000849	**1.78**	<0.000100	<0.000816	<0.000300	0.000428 J	0.00173 J	
	KWB-7	Oct-23		0.000292 J	0.0449	0.425	<0.000150	0.0000963 J	0.00221	0.105	<0.000849	**2.35**	<0.000100	0.00160 J	<0.000300	0.000433 J	0.000824 J	
	KWB-7	Apr-24		0.000268 J	0.0388	0.445	<0.000150	<0.0000596	<0.00124	0.0511 J	<0.000849	**1.73**	<0.000100	<0.000816	<0.000300	0.000463 J	0.00135 J	
	KWB-7	Oct-24		0.000310 J	0.0418	0.403	<0.000150	<0.0000596	<0.00124	0.0606 J	<0.000849	**2.33**	<0.0000700	<0.000816	<0.000300	0.000569 J	0.00123 J	
	KWB-7	Oct-25		0.000221 J	0.0442	0.369			<0.000900	<0.0226	0.000514 J	**2.13**			0.000698 J	0.000516 J		
	KWB-8	Apr-17		0.00129 J	0.106	0.632	<0.000160	0.000264 J	0.000851 J	**1.07**	0.00495	**1.83**	<0.0000490	0.00120 J	<0.000380	<0.000330	0.00157 J	
	KWB-8	Oct-17		0.00135 J	0.130	**0.769**	<0.000160	<0.000260	0.00153 J	0.0804 J	0.00296	**0.510**	<0.0000490	0.000997 J	0.0463	<0.000330	0.00112 J	
	KWB-8	Oct-20		0.00348	0.0706	0.661	<0.000478	0.000490 J	0.00626	**1.32**	0.00678	0.0432	<0.000100	0.00306	<0.000657	<0.00754	0.00115 J	
	KWB-10R	Apr-17		**0.0157**	**3.82**				<0.000540	**5.21**	0.000971 J	0.157			<0.000380			
	KWB-10R	Oct-17		**0.0170**	**3.85**				<0.000540	**5.24**	0.000996 J	0.163			<0.000380			
	KWB-10R	Apr-18		**0.0169**	**3.91**				<0.000540	**4.57**	0.00320	0.170			<0.000380			
	KWB-10R	Oct-18		**0.0164**	**3.93**				<0.00270	**4.24**	0.00124 J	0.168			<0.00190			
	KWB-11A	Mar-23		0.00575	0.0301	0.374	<0.000150	0.000244 J	<0.00124	**8.12**	<0.000849	**0.910**	<0.000100	0.00119 J	<0.000300	0.00558	0.00285 J	
	KWB-11A	Oct-23		0.00224	0.0168	0.363	<0.000150	0.000694 J	<0.00124	0.390	<0.000849	**0.314**	<0.000100	0.00326	<0.000300	0.0136	0.00942	
	KWB-11A	Apr-24		0.00105 J	0.0268	0.364	<0.000150	0.0000840 J	<0.00124	**8.05**	<0.000849	**0.945**	<0.000100	<0.000816	<0.000300	0.00472	0.00319 J	
	KWB-11A	Oct-24		0.00226	0.0168	0.338	<0.000150	0.000479 J	<0.00124	**1.07**	<0.000849	**0.341**	<0.0000700	0.00314	<0.000300	0.0132	0.00205 J	
	KWB-11A	Apr-25		0.00244	0.0208	0.329			<0.000900	**6.86**	0.000628 J	**0.570**			<0.000250	0.00748		
	KWB-11A	Oct-25		0.00252	0.0158	0.340			<0.000900	0.586	<0.000500	**0.311**			<0.000250	0.0123		
	KWB-11B	Mar-23		0.00149 J	0.0145	0.122 J	<0.000150	<0.0000596	<0.00124	<0.0281	<0.000849	0.00371 J	<0.000100	<0.000816	0.00638	0.0145	0.00929	
	KWB-11B	Oct-23		0.00149 J	0.0141	0.128 J	<0.000150	<0.0000596	<0.00124	<0.0281	<0.000849	0.00194 J	<0.000100	<0.000816	0.00540	0.0144	0.00906	
	KWB-11B	Apr-24		0.00151 J	0.0146	0.121 J	<0.000150	<0.0000596	<0.00124	<0.0281	<0.000849	0.00330 J	<0.000100	<0.000816	0.00470	0.0158	0.00930	
	KWB-11B	Oct-24		0.00154 J	0.0147	0.125 J	<0.000150	<0.0000596	<0.00124	<0.0281	<0.000849	0.00245 J	<0.0000700	<0.000816	0.00503	0.0153	0.00972	
	KWB-11B	Apr-25		0.000611 J	0.0129	0.0859 J			<0.000900	0.731	<0.000500	0.0190			0.00835	0.00841		
	KWB-11B	Oct-25		0.00142 J	0.0149	0.129 J			<0.000900	<0.0226	0.00232	0.00277 J			0.00465	0.0165		
	KWB-12A	Sep-21		0.00158 J	0.0194	0.503	<0.000150	0.0000641 J	0.00124 J	0.0498 J	<0.000849	0.00144 J	<0.000100	0.000944 J	0.00549	0.0260	0.0135	
	KWB-12A	Oct-22		0.00180 J	0.0174	0.556	<0.000150	0.0000698 J	<0.00124	<0.0281	<0.000849	0.000810 J	<0.000100	0.000856 J	0.00368	0.0259	0.0156	
	KWB-12A	Oct-23		0.00182 J	0.0163	0.512	<0.000150	0.0000671 J	<0.00124	<0.0281	<0.000849	0.000943 J	<0.000100	<0.000816	0.00301	0.0229	0.0150	
	KWB-12A	Oct-24		0.00238	0.0221	0.507	<0.000150	0.000384 J	<0.00124	0.129	<0.000849	0.0732	<0.0000700	0.00198 J	0.00292	0.0256	0.0127	
	KWB-12B	Mar-23		0.00161 J	0.00840	0.676	<0.000150	<0.0000596	<0.00124	0.0294 J	<0.000849	<0.000704	<0.000100	<0.000816	0.00263	0.0295	0.0129	
	KWB-12B	Mar-23	FD	0.00181 J	0.00942	0.686	<0.000150	0.000113 J	<0.00124	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.00230	0.0299	0.0129	
	KWB-12B	Oct-23		0.00196 J	0.0155	0.633	<0.000150	<0.0000596	<0.00124	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.00364	0.0277	0.0146	
	KWB-12B	Oct-23	FD	0.00196 J	0.0150	0.615	<0.000150	0.0000655 J	<0.00124	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.00338	0.0279	0.0147	
	KWB-12B	Apr-24		0.00178 J	0.0111	0.657	<0.000150	0.0000640 J	<0.00124	0.0439 J	<0.000849	0.00272 J	<0.000100	0.000833 J	0.00208	**0.0301**	0.0136	
	KWB-12B	Apr-24	FD	0.00167 J	0.00980	0.671	<0.000150	<0.0000596	<0.00124	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.00229	0.0291	0.0127	
	KWB-12B	Oct-24		0.00170 J	0.00902	0.646	<0.000150	<0.0000596	0.00154 JB	<0.0281	<0.000849	<0.000704	<0.0000700	<0.000816	0.00176 J	**0.0322**	0.0135	
	KWB-12B	Oct-24	FD	0.00175 J	0.00858	0.652	<0.000150	0.0000689 J	0.00186 JB	<0.0281	<0.000849	0.00100 J	<0.0000700	0.000828 J	0.00184 J	**0.0324**	0.0139	
	KWB-12B	Apr-25		0.00167 J	0.00953	0.612			<0.000900	<0.0226	<0.000500	0.000906 J			0.00205	0.0291		
	KWB-12B	Apr-25	FD	0.00164 J	0.0105	0.614			<0.000900	<0.0226	<0.000500	0.000948 J			0.00218	0.0289		
	KWB-12B	Oct-25		0.00164 J	0.00991	0.614			0.00123 J	0.0394 J	<0.000500	0.000782 J			0.00199 J	0.0296		
	KWB-12B	Oct-25	FD	0.00164 J	0.00939	0.617			<0.000900	<0.0226	<0.000500	<0.000700			0.00218	0.0294		
	KWB-P4	Apr-19																
	KWB-P4	Apr-21																
	KWB-P4	Mar-23																
	KWB-P4	Apr-25																
	MW-57	Oct-20		**0.0157**	0.136				0.00879	**6.56**	0.0100	**0.333**			0.0120			
	MW-57	Apr-21		0.00954	0.0573				0.00558	**2.15**	0.00445	0.195			0.0145			
	MW-57	Sep-21		0.00799	0.0374				0.00249	**1.38**	0.00718	0.0587			0.0193			
	MW-57	Apr-22		0.00825	0.0460				0.00354	**1.80**	0.00776	**0.527**			0.0104			
	MW-58	Oct-17		0.00648	1.15	0.471	<0.000160	<0.000260	<0.000540	0.385	0.00204	**0.319**	<0.0000490	0.00129 J	<0.000380	<0.00165	0.00422 J	
	MW-58	Apr-18		0.00453	1.35	0.511	<0.000160	<0.000260	<0.000540	**1.54**	0.00185 J	**0.210**	<0.0000490	0.00105 J	<0.000380	<0.000330	0.00270 J	
	MW-58	Oct-18		0.00336	1.29	0.348	<0.000160	<0.000260	0.000567 J	0.721	0.00167 J	**0.335**	<0.0000490	0.000975 J	<0.000380	0.000458 J	0.00305 J	
	MW-58	Oct-19		0.00549	0.988	0.736	<0.000160	0.000479 J	0.000715 J	0.767	0.00437	0.0912	0.0000567 JB	0.00160 J	<0.000380	<0.000330	0.00441 J	
	MW-111	Oct-18		0.00849 J	0.0674				<0.00270	**6.39**	<0.00120	**1.42**			<0.00190			
	MW-111	Apr-19		**0.0199**	0.364				0.0112	**13.1**	0.00704	**1.79**			0.000631 J			
	MW-111	Oct-19		0.00909	0.0915				0.00109 J	**6.90**	0.000687 JB	**1.37**			<0.000380			
	MW-111	Jun-20		**0.0183**	0.285				0.00596	**9.23**	0.00469 J	**1.61**			<0.000657			
	MW-112	Nov-14		0.00500	**7.60**				0.00210	**5.80**	0.00130 J	**0.310**			0.00180 J			
	MW-113	Mar-23		0.000425 J	0.130				<0.00124	0.482	<0.000849	**0.911**			<0.000300			
	MW-113	Mar-23	FD	0.000320 J	0.0484				<0.00124	0.455	<0.000849	**0.875**			<0.000300			
	MW-113	Oct-23		0.00111 J	0.333				<0.00124	0.0283 JB	0.00218	0.194			<0.000300			
	MW-113	Oct-23	FD	0.00113 J	0.325				<0.00124	0.0327 JB	0.00231	0.200			<0.000300			
	MW-113	Apr-24		0.000279 J	0.0689				<0.00124	0.178	<0.000849	**0.753**			<0.000300			
	MW-113	Apr-24	FD	0.000322 J	0.0721				<0.00124	0.199	<0.000849	**0.819**			<0.000300			
	MW-113	Oct-24		0.000837 J	0.300				<0.00124	0.0660 J	0.00191 J	**0.206**			<0.000300			
	MW-113	Oct-24	FD	0.000969 J	0.301				<0.00124	0.0366 J	0.00189 J	**0.201**			<0.000300			
	MW-113	Apr-25		0.000412 J	0.0817				0.00141 J	0.482	0.000539 J	**0.856**			<0.000250			
	MW-113	Apr-25	FD	0.00178 J	0.116				0.00369	**2.05**	0.00160 J	**0.912**			<0.000250			
	MW-113	Oct-25		0.000465 J	0.0540				<0.000900	0.400	0.00177 J	**1.06**			<0.000250			
	MW-113	Oct-25	FD	0.000480 J	0.0560				<0.000900	0.382	0.00140 J	**1.05**			<0.000250			
	MW-125	Mar-23		0.00342	0.00890	0.425	<0.000150	0.00595	<0.00124	<0.0281	<0.000849	**0.381**	<0.000100	0.00773	0.000702 J	**0.0314** O1	0.0172	
	MW-125	Oct-23		0.00360	0.00958	0.475	<0.000150	0.00872	<0.00124	0.0414 JB	<0.000849	**0.410**	<0.000100	0.00843	<0.000300	**0.0336**	0.0172	
	MW-125	Apr-24		0.00327	0.00862	0.417	<0.000150	0.00645	<0.00124	<0.0281	<0.000849	**0.371**	<0.000100	0.00826	0.000479 J	**0.0323**	0.0169	
	MW-125	Oct-24		0.00347	0.00959	0.400	<0.000150	0.00722	<0.00124	<0.0281	<0.000849	**0.364**	<0.0000700	0.00860	0.000982 J	**0.0318**	0.0177	
	MW-125	Apr-25		0.00346	0.00922	0.384			<0.000900	<0.0226	<0.000500	**0.382**			0.000337 J	0.0295		
	MW-125	Oct-25		0.00327	0.00877	0.362			<0.000900	0.0277 J	<0.000500	**0.367**			0.000513 J	**0.0305**		
	MW-126A	Apr-19		0.00122 J	0.0151				0.00136 JB	0.431	<0.000240	**0.776**			<0.000380			
	MW-126A	Oct-19		0.00261	0.0205				0.00105 J	**2.05**	0.000799 J	**0.649**			<0.000380			
	MW-126A	Jun-20		0.00110 J	0.0157 J				<0.00149	0.437	<0.00249	**0.617**			<0.000657			
	MW-126A	Oct-20		0.00225	0.0158 J				<0.00149	**1.78**	<0.00249	**0.707**			<0.000657			
	MW-126B	Mar-23		0.00393	0.00866				<0.00124	<0.0281	<0.000849	0.0504			0.00254			
	MW-126B	Oct-23		0.00371	0.00887				<0.00124	<0.0281	<0.000849	0.0425			0.00283			
	MW-126B	Apr-24		0.00391	0.00979				<0.00124	<0.0281	<0.000849	0.0343			0.00324			
	MW-126B	Oct-24		0.00412	0.00927				<0.00124	<0.0281	<0.000849	0.0380			0.00317			
	MW-126B	Apr-25		0.00398	0.00921				<0.000900	0.0340 J	<0.000500	0.0701			0.00224			
	MW-126B	Oct-25		0.00403	0.00996				<0.000900	0.0867 J	0.000503 J	0.0856			0.00260			
	MW-127	Oct-17		**0.0114**	0.212				0.00109 J	**1.39**	0.000965 J	0.135			<0.000380			
	MW-127	Apr-18		0.00381	0.0682				0.00370 B	0.144 B	<0.000240	0.106			<0.000380			
	MW-127	Oct-18		0.00439	0.0589				<0.00108	0.0981 J	<0.000480	0.121			<0.000760			
	MW-127	Apr-19		0.00451	0.0960				0.000909 JB	0.0634 J	0.000461 JB	0.113			<0.000380			
	MW-128	Oct-17		**0.0554**	0.0610				0.000618 J	**3.07**	0.000404 J	**2.09**			0.00122 J			
	MW-128	Apr-18		**0.0566**	0.0728				0.00278	**4.19**	0.00257 B	**2.04**			0.000436 JB			
	MW-128	Oct-18		**0.0447**	0.0604				<0.000540	**2.40**	0.000261 J	**1.78** O1V			<0.000380			
	MW-128	Apr-19		**0.0546**	0.0910				0.00303 B	**4.19**	0.00535	**2.01**			0.000397 J			
	MW-129	Apr-15		**0.0338**	0.498				0.00227	**6.42**	0.00277	**1.21**			<0.000380			
	MW-129	Oct-15		**0.0271**	0.546				<0.000540	**5.07**	0.000292 J	**1.09**			<0.000380			
	MW-129	Apr-17		**0.0226**	0.627				<0.000540	**5.10**	<0.000240	**0.987**			<0.000380			
	MW-129	Apr-18		**0.0252**	0.516				<0.000540	**5.42**	<0.000240	**1.01**			<0.000380			
	MW-130	Mar-23		0.00397	0.0232				0.00449	**1.70**	0.00482	0.113			0.00268			
	MW-130	Oct-23		0.00360	0.0172				0.00130 J	0.245 B	0.00151 J	0.0944			0.00181 J			
	MW-130	Apr-24		0.00345	0.0161				<0.00124	0.137	0.000914 J	0.0934			0.00197 J			
	MW-130	Oct-24		0.00367	0.0172				0.00230 B	0.434	0.00235	0.0962			0.00179 J			
	MW-130	Apr-25		0.00349	0.0177				0.000942 J	0.167	0.00111 B J	0.0929			0.00166 J			
	MW-130	Oct-25		0.00371	0.0169				0.00195 J	0.584	0.00229	0.0933			0.00185 J			

Appendix B, Table B.2 - Summary of Groundwater Analytical Data - Total Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Cobalt	Chromium	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-48-4	7440-47-3	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC Irr	WQCC HH	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
Field East of Refinery	MW-131	Apr-17		**0.0214**	**2.75**				<0.000540	**1.29**	<0.000240	**0.294**			<0.000380		
	MW-131	Oct-17		**0.0223**	1.98				<0.000540	**1.56**	<0.000240	**0.283**			<0.000380		
	MW-131	Oct-19		**0.0261**	1.65				<0.000540	**1.55**	0.000845 JB	**0.293**			<0.000380		
	MW-131	Jun-20		**0.0241**	**2.39**				<0.00149	**1.35**	<0.00249	**0.294**			<0.000657		
	MW-133	Nov-14		**0.0190**	0.130				0.000600 J	**3.50**	0.000800 J	**0.380**			<0.000380		
	MW-133	Apr-15		0.00897	0.157				<0.000540	**5.53**	0.00145 J	**0.312**			0.00124 J		
	MW-134	Mar-23		0.00479	0.00990				<0.00124	0.0988 J	<0.000849	0.191			0.00384		
	MW-134	Mar-23	FD	0.00473	0.00914				<0.00124	0.0867 J	<0.000849	0.176			0.00369		
	MW-134	Oct-23		0.00532	0.00989	**0.776**	<0.000150	0.00108 J	<0.00124	0.195	<0.000849	0.111	<0.000100	0.00317	0.00362	**0.0383**	0.0152
	MW-134	Oct-23	FD	0.00620	0.0105				<0.00124	0.237	<0.000849	0.114			0.00428		
	MW-134	Apr-24		0.00798	0.00877	0.718	<0.000150	0.000115 J	0.00136 J	0.401	<0.000849	0.00976	<0.000100	0.00224	0.00424	**0.0372**	0.0200
	MW-134	Apr-24	FD	**0.0127**	0.00848	0.717	<0.000150	0.000118 J	<0.00124	0.782	<0.000849	0.0113	<0.000100	0.00185 J	0.00512	**0.0431**	0.0253
	MW-134	Oct-24		**0.0102**	0.00983	0.692	<0.000150	0.000126 J	0.00159 JB	0.546	<0.000849	0.0143	<0.0000700	0.00248	0.00440	**0.0428**	0.0242
	MW-134	Oct-24	FD	0.00873	0.00928	0.724	0.000155 J	0.000259 J	<0.00124	0.424 B	<0.000849	0.0134 B	<0.0000700	0.00235 B	0.00444	**0.0415**	0.0227
	MW-134	Apr-25		**0.0123**	0.00935	0.702			0.00167 J	0.738	<0.000500	0.0148			0.00450	**0.0421**	
	MW-134	Apr-25	FD	**0.0109**	0.0152	0.705			0.00168 J	0.876	<0.000500	0.0148			0.00459	**0.0426**	
	MW-134	Oct-25		0.00977	0.00965	0.662			0.00133 J	0.560	<0.000500	0.0128			0.00437	**0.0423**	
	MW-134	Oct-25	FD	0.00698	0.00922	0.661			0.00143 J	0.328	<0.000500	0.0126			0.00390	**0.0469**	
	MW-135	Mar-23		0.00341	0.0129				<0.00124	0.219	<0.000849	0.0140			0.0226		
	MW-135	Oct-23		0.00328	0.00892				<0.00124	0.117	<0.000849	0.0177			0.0229		
	MW-135	Apr-24		0.00329	0.00981				<0.00124	0.196	<0.000849	0.0281			0.0176		
	MW-135	Oct-24		0.00278	0.00768				<0.00124	0.0750 J	<0.000849	0.00930			0.0111		
	MW-135	Apr-25		0.00392	0.0595				0.00279	**1.27**	0.00172 J	0.0666			0.0121		
	MW-135	Oct-25		0.00312	0.0167				0.00183 J	0.604	0.00109 J	0.0340			0.0122		
	MW-145	Mar-23		0.00376	0.00899				<0.00124	<0.0281	<0.000849	0.0268			0.00297		
	MW-145	Oct-23		0.00362	0.00918				<0.00124	0.0333 J	<0.000849	0.0286			0.00216		
	MW-145	Apr-24		0.00368	0.00894				<0.00124	<0.0281	<0.000849	0.0283			0.00231		
	MW-145	Oct-24		0.00336	0.0101				<0.00124	0.0627 J	<0.000849	0.0295			0.00189 J		
	MW-145	Apr-25		0.00336	0.0111				<0.000900	0.117	<0.000500	0.0296			0.00193 J		
	MW-145	Oct-25		0.00328	0.00881				0.00131 J	<0.0226	<0.000500	0.0251			0.00164 J		
	MW-146	Mar-23		0.00438	0.00846				<0.00124	<0.0281	<0.000849	0.00109 JB			0.00675		
	MW-146	Mar-23	FD	0.00449	0.00873				<0.00124	<0.0281	<0.000849	<0.000704			0.00639		
	MW-146	Oct-23		0.00426	0.00885				<0.00124	<0.0281	<0.000849	<0.000704			0.00821		
	MW-146	Oct-23	FD	0.00428	0.00870				<0.00124	<0.0281	<0.000849	<0.000704			0.00786		
	MW-146	Apr-24		0.00469	0.00859				<0.00124	<0.0281	<0.000849	<0.000704			0.00516		
	MW-146	Apr-24	FD	0.00455	0.00897				<0.00124	<0.0281	<0.000849	<0.000704			0.00470		
	MW-146	Oct-24		0.00399	0.00884				<0.00124	<0.0281	<0.000849	0.000855 J			0.00520		
	MW-146	Oct-24	FD	0.00396	0.00812				<0.00124	<0.0281	<0.000849	0.000929 J			0.00521		
	MW-146	Apr-25		0.00381	0.00837				<0.000900	<0.0226	<0.000500	0.00160 J			0.00539		
	MW-146	Apr-25	FD	0.00434	0.00848				<0.000900	0.0260 J	<0.000500	0.00213 J			0.00498		
	MW-146	Oct-25		0.00388	0.00824				0.00105 J	<0.0226	<0.000500	<0.000700			0.00629		
	MW-146	Oct-25	FD	0.00381	0.00729				0.00125 J	<0.0226	<0.000500	<0.000700			0.00641		
	MW-147	Mar-23		0.00314	0.0210				<0.00124	0.289	0.00410	0.0334			0.0171		
	MW-147	Oct-23		0.00300	0.00772				<0.00124	0.0527 J	<0.000849	0.00808			0.0159		
	MW-147	Apr-24		0.00284	0.00838				0.00292	0.0975 J	0.00137 J	0.0164			0.0132		
	MW-147	Oct-24		0.00244	0.00996				<0.00124	0.204	0.00205	0.0499			0.0109		
	MW-147	Apr-25		0.00568	0.739				0.00785	**6.79**	**0.0178**	**0.657**			0.0133		
	MW-148	Mar-23		0.00315	0.0113				<0.00124	0.0603 J	0.00138 J	0.0122			0.0127		
	MW-148	Oct-23		0.00282	0.00996				<0.00124	0.0554 J	0.00151 J	0.0107			0.0111		
	MW-148	Apr-24		0.00271	0.00860				<0.00124	<0.0281	0.00155 J	0.00202 J			0.0109		
	MW-148	Oct-24		0.00237	0.00900				<0.00124	<0.0281	<0.000849	0.00526			0.00850		
	MW-148	Apr-25		0.00472	0.256				0.00821	**7.23**	0.0126	**0.990**			0.0114		
	MW-148	Oct-25		0.00324	0.0682				0.00281	**1.85**	0.00858	**0.400**			0.0106		
	MW-151	Oct-24															
	MW-151	Apr-25															
	MW-160	Oct-24															
	MW-160	Apr-25															
	MW-160	Oct-25															
	MW-161	Oct-24															
	MW-161	Apr-25															
	MW-161	Oct-25															
	RA-1227	Apr-25															
	RA-4196	Oct-19															
	RA-4196	Jun-20															
	RA-4196	Oct-20															
	RA-4196	Mar-23															
	RA-4196R	Oct-23															
	RA-4196R	Apr-24															
	RA-4196R	Oct-24															
	RA-4196R	Apr-25															
	RA-4196R	Oct-25															
	RA-4798	Oct-20															
	RA-4798	Apr-21															
	RA-4798	Sep-21															
	RA-4798	Apr-22															
	RW-12R	Apr-17		0.000503 J	0.0409				0.0359	0.241	0.00193 J	**0.398**			<0.000380		
	RW-12R	Apr-18		0.000291 J	0.0387				0.00973	0.0459 J	0.00104 J	**0.718**			0.000554 J		
	RW-12R	Apr-19		0.00109 J	0.0354				0.00771 B	0.0800 J	0.00177 JB	**1.28**			0.000508 J		
	RW-12R	Jun-20		<0.000735	0.0342				**0.0557**	0.150	<0.00249	**1.39**			<0.000657		
	RW-13R	Apr-18		0.000839 J	0.0475				0.00357	0.349	0.000602 J	**0.985**			0.00161 J		
	RW-13R	Mar-23		0.00125 J	0.187				0.00199 J	0.0484 J	0.00318	**0.841**			<0.000300		
	RW-13R	Apr-25		**0.0157**	0.128				0.00133 J	**2.33**	**0.101**	**0.822**			<0.000250		
	RW-18A	Apr-18		0.00278	0.0105				<0.000540	<0.0150	<0.000240	0.00299 J			0.00321		
	RW-18A	Apr-19		0.00293	0.0117				0.00130 JB	0.0191 J	0.000246 JB	0.000480 J			0.00449		
	RW-18A	Jun-20		0.00451	0.0243				0.00223	**3.06**	0.00276 J	0.0307			0.00475		
	RW-18A	Mar-23		0.00354	0.0172	0.700	<0.000150	0.000357 J	<0.00124	0.675	<0.000849	0.00817 B	<0.000100	0.00138 J	0.00684	**0.0595**	0.0256
	RW-20B	Apr-15		0.00375 J	0.527				<0.00270	**1.75**	0.00354 J	**0.872**			<0.00190		
	RW-22	Apr-15		0.00248	0.816				0.00320	0.140	0.00397	**0.845**			0.00234		
NCL	MW-18	Apr-22		0.00279	0.0125	**2.17**	<0.000150	<0.0000596	<0.00124	<0.0281	<0.000849	0.0200	<0.000100	<0.000816	0.00480	**0.0460**	0.0185
	MW-18	Mar-23		0.00298	0.0137	**1.91**	<0.000150	0.0000634 J	0.00139 J	<0.0281	<0.000849	0.00419 J	<0.000100	0.00144 J	0.00506	**0.0419**	0.0181
	MW-18	Apr-24		0.00288	0.0142	**1.48**	<0.000150	0.0000912 J	<0.00124	<0.0281	<0.000849	0.0232	<0.000100	0.00208	0.00521	**0.0434**	0.0185
	MW-18	Apr-25		0.00283	0.0171	**1.21**			<0.000900	0.0898 J	0.000664 J	0.0909			0.00407	**0.0443**	
	MW-45	Mar-23		0.00678	0.0137	0.594	<0.000150	0.000160 J	0.00733 B	**4.39**	0.00500	**0.612**	<0.000100	0.00743	0.000698 J	0.000526 J	0.00146 J
	MW-45	Oct-23		0.00739	0.0147	0.681	<0.000150	0.000460 J	<0.00124	**1.68**	0.00447	**0.632**	<0.000100	0.00528	0.000327 J	0.000530 J	0.000996 J
	MW-45	Apr-24		0.00622	0.0156	0.550	<0.000150	0.000423 J	<0.00124	**1.32**	0.00143 J	**0.619**	<0.000100	0.00985	0.000329 J	0.000667 J	0.00109 J
	MW-45	Oct-24		0.00776	0.0141	0.591	<0.000150	0.000127 J	<0.00124	**3.70**	<0.000849	**0.636**	<0.0000700	0.00575	0.000609 J	0.000826 J	0.000824 J
	MW-45	Apr-25		0.00681	0.0196	0.609			<0.000900	**2.01**	0.00345 B	**0.484**			0.000311 J	0.000743 J	
	MW-45	Oct-25		0.00787	0.0161	0.603			<0.000900	**2.89**	0.000969 J	**0.630**			0.000269 J	0.000608 J	
	MW-53	Apr-15		0.00179 J	0.0256				<0.000540	0.0338 J	0.000252 J	**1.20**			0.00566		
	MW-53	Apr-17		0.00166 J	0.0201				<0.000540	<0.0150	<0.000240	**1.60**			0.00281		
	MW-53	Apr-18		0.00259	0.0423				0.000742 JJ3J4	0.0922 J	0.000794 J	**2.34**			0.000729 J		
	MW-53	Apr-19		0.00161 J	0.0190				<0.000540	0.0333 J	0.000346 J	**0.799**			<0.000380		
	MW-53R	Apr-22		0.00227	0.0200				<0.00124	0.0446 J	<0.000849	**0.701**			0.00560		
	MW-53R	Mar-23		0.00165 J	0.0179				<0.00124	0.0304 J	<0.000849	**0.411**			<0.000300		
	MW-53R	Apr-24		0.00157 J	0.0180				<0.00124	<0.0281	<0.000849	**0.456**			0.000557 J		
	MW-53R	Apr-25		0.00143 J	0.0173				<0.000900	<0.0226	<0.000500	**0.235**			0.000398 J		

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Appendix B, Table B.2 - Summary of Groundwater Analytical Data - Total Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Cobalt	Chromium	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-48-4	7440-47-3	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC Irr	WQCC HH	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
NCL	MW-54A	Mar-23		0.00303	0.0170				<0.00124	<0.0281	<0.000849	**0.561**			0.000746 J		
	MW-54A	Oct-23		0.00324	0.0175				<0.00124	<0.0281	<0.000849	**0.940**			<0.000300		
	MW-54A	Apr-24		0.00454	0.0175				<0.00124	0.102	<0.000849	**1.03**			0.000370 J		
	MW-54A	Oct-24		0.00343	0.0167				<0.00124	0.0721 J	<0.000849	**1.19**			0.000444 J		
	MW-54A	Apr-25		0.00295	0.0181				<0.000900	0.0247 J	<0.000500	**1.25**			0.000717 J		
	MW-54A	Oct-25		0.00459	0.0180				<0.000900	<0.0226	<0.000500	**1.10**			0.00117 J		
	MW-54B	Apr-19		0.00251	0.0161				<0.000540	0.116	0.000628 J	0.197			0.000402 J		
	MW-54B	Apr-21		0.00222	0.0193 J				<0.00124	0.977	<0.000849	**0.582**			<0.000300		
	MW-54B	Mar-23		0.00220	0.0239				<0.00124	<0.0281	<0.000849	**1.16**			0.00117 J		
	MW-54B	Apr-25		0.00206	0.0168				<0.000900	<0.0226	<0.000500	**0.364**			0.000805 J		
	MW-55	Mar-23		0.00642	0.0152	0.586	<0.000150	0.000325 J	0.00135 J	<0.0281	<0.000849	**0.212**	<0.000100	0.00636	0.00160 J	0.0211	0.0179
	MW-55	Oct-23		0.00626	0.0158	0.635	<0.000150	0.000458 J	<0.00124	<0.0281	<0.000849	**0.255**	<0.000100	0.00566	0.00125 J	0.0209	0.0174
	MW-55	Apr-24		0.00575	0.0157	0.590	<0.000150	0.000703 J	<0.00124	0.168	<0.000849	**0.245**	<0.000100	0.0134	0.00148 J	0.0207	0.0170
	MW-55	Oct-24		0.00585	0.0160	0.545	<0.000150	0.00154 J	<0.00124	<0.0281	<0.000849	**0.506**	<0.0000700	0.0109	0.00151 J	0.0202	0.0186
	MW-55	Apr-25		0.00588	0.0157	0.495			<0.000900	0.0511 J	0.00142 J	**0.223**			0.00120 J	0.0177	
	MW-55	Oct-25		0.00530	0.0152	0.476			0.00154 J	<0.0226	0.000589 J	**0.248**			0.00162 J	0.0199	
	MW-56	Mar-23		0.00483	0.00934	0.175 J	<0.000150	0.00437	<0.00124	<0.0281	<0.000849	0.164	<0.000100	0.00503	0.00530	0.00803	0.0186
	MW-56	Apr-24		0.00534	0.0105	0.162 J	<0.000150	0.00487	<0.00124	0.0856 J	<0.000849	0.170	<0.000100	0.00796	0.00366	0.00953	0.0197
	MW-56	Oct-24															
	MW-56	Apr-25		0.00534	0.0104	0.166 J			<0.000900	<0.0226	0.000627 J	0.147			0.00627	0.0113	
	MW-56	Oct-25		0.00533	0.0110	0.158 J			<0.000900	<0.0226	0.000863 J	0.138			0.00666	0.0124	
	MW-108	Mar-23		0.00179 J	0.0459				0.00188 J	**1.07**	0.00117 J	0.0457			0.000325 J		
	MW-108	Oct-23		0.000413 J	0.0469				0.00179 J	0.203	<0.000849	0.0469			<0.000300		
	MW-108	Apr-24		0.000446 J	0.0448				<0.00124	0.332	<0.000849	0.0565			<0.000300		
	MW-108	Oct-24		0.000456 J	0.0386				0.00177 J	0.590	<0.000849	0.0458			<0.000300		
	MW-108	Apr-25		0.000605 J	0.0371				<0.000900	0.122	<0.000500	0.0438			<0.000250		
	MW-108	Oct-25		0.000656 J	0.0442				0.00151 J	0.197	0.000501 J	0.0739			<0.000250		
	NCL-31	Mar-23		**0.0110**	0.0206				0.00303	0.552	<0.000849	**1.50**			<0.000300		
	NCL-31	Oct-23		**0.0106**	0.0224				<0.00124	0.453	<0.000849	**1.35**			<0.000300		
	NCL-31	Apr-24		**0.0313**	0.240				0.0165	**1.46**	**0.0534**	**2.59**			0.000465 J		
	NCL-31	Oct-24		**0.0119**	0.0174				<0.00124	0.563	<0.000849	**1.56**			<0.000300		
	NCL-31	Apr-25		0.00834	0.0186				<0.000900	0.515	<0.000500	**1.32**			<0.000250		
	NCL-31	Oct-25		0.0100	0.0166				<0.000900	0.522	<0.000500	**1.40**			<0.000250		
	NCL-32	Mar-23		0.00287	0.0210				0.00341	0.304	0.00242	**2.02**			0.00144 J		
	NCL-32	Oct-23		0.00249	0.0164				<0.00124	<0.0281	<0.000849	**1.99**			0.00211		
	NCL-32	Apr-24		0.00269	0.0177				<0.00124	<0.0281	<0.000849	**2.12**			0.00250		
	NCL-32	Oct-24		0.00228	0.0160				<0.00124	<0.0281	<0.000849	**1.96**			0.00204		
	NCL-32	Apr-25		0.00278	0.0187				0.00894	0.460	0.00525	**0.949**			0.00212		
	NCL-32	Oct-25		0.00199 J	0.0167				0.00219	0.153	0.00193 J	**1.81**			0.00237		
	NCL-33	Mar-23		**0.0170**	0.0195				0.00133 J	**10.2**	0.000949 J	0.152			0.00175 J		
	NCL-33	Oct-23		0.00679	0.0181				<0.00124	**2.81**	<0.000849	0.141			0.00121 J		
	NCL-33	Apr-24		0.00918	0.0179				<0.00124	**4.83**	<0.000849	0.139			0.00121 J		
	NCL-33	Oct-24		0.00593	0.0193				<0.00124	**2.56**	<0.000849	0.146			0.00114 J		
	NCL-33	Apr-25		0.00543	0.0188				<0.000900	**1.98**	<0.000500	0.129			0.00107 J		
	NCL-33	Oct-25		0.00501	0.0201				<0.000900	**1.77**	<0.000500	0.137			0.000890 J		
	NCL-34A	Oct-18		0.000692 J	0.376				<0.000540	<0.0150	<0.000240	0.0191			0.000423 J		
	NCL-34A	Apr-19		0.000663 JJ6	0.966 V				<0.000540	0.0216 J	<0.000240	0.0158 O1			**0.101 J3J6O1**		
	NCL-34A	Oct-19		0.000719 J	0.293				0.000842 JB	0.0403 JB	0.000906 JB	0.0318			0.000403 J		
	NCL-34A	Jun-20		0.000811 J	0.242				<0.00149	<0.0489	<0.00249	0.0416			<0.000657		
	NCL-44	Mar-23		0.00847	0.0169				0.00139 J	0.392	<0.000849	**0.733**			0.000376 J		
	NCL-44	Oct-23		0.00838	0.0165				<0.00124	0.402	<0.000849	**0.793**			<0.000300		
	NCL-44	Apr-24		0.00983	0.0159				<0.00124	0.530	<0.000849	**0.744**			<0.000300		
	NCL-44	Oct-24		0.00973	0.0167				<0.00124	0.537	<0.000849	**0.677**			<0.000300		
	NCL-44	Apr-25		0.00779	0.0172				<0.000900	0.359	<0.000500	**0.675**			0.000266 J		
	NCL-44	Oct-25		0.00839	0.0208				<0.000900	0.412	0.00302	**0.715**			0.000317 J		
	NCL-49	Mar-23		0.00180 J	0.0140				<0.00124	<0.0281	<0.000849	0.000707 J			0.0140		
	NCL-49	Mar-23	FD	0.00164 J	0.0133				<0.00124	<0.0281	<0.000849	<0.000704			0.0135		
	NCL-49	Oct-23		0.00160 J	0.0134				<0.00124	<0.0281	<0.000849	<0.000704			0.0143		
	NCL-49	Oct-23	FD	0.00161 J	0.0137				<0.00124	<0.0281	<0.000849	<0.000704			0.0155		
	NCL-49	Apr-24		0.00153 J	0.0135				<0.00124	<0.0281	<0.000849	<0.000704			0.0125		
	NCL-49	Apr-24	FD	0.00161 J	0.0145				<0.00124	<0.0281	<0.000849	<0.000704			0.0115		
	NCL-49	Oct-24		0.00154 J	0.0143				<0.00124	<0.0281	<0.000849	<0.000704			0.0104		
	NCL-49	Oct-24	FD	0.00150 J	0.0140				<0.00124	<0.0281	<0.000849	<0.000704			0.0112		
	NCL-49	Apr-25		0.00147 J	0.0139				<0.000900	<0.0226	<0.000500	0.000799 J			0.00989		
	NCL-49	Apr-25	FD	0.00150 J	0.0130				<0.000900	<0.0226	<0.000500	<0.000700			0.00941		
	NCL-49	Oct-25		0.00149 J	0.0122				<0.000900	<0.0226	<0.000500	<0.000700			0.00796		
	NCL-49	Oct-25	FD	0.00151 J	0.0123				<0.000900	<0.0226	<0.000500	<0.000700			0.00758		
North Refinery	MW-23	Apr-19		0.00499	**9.47**				0.000969 JB	0.0226 J	0.00230	0.0709			0.00135 J		
	MW-23	Oct-19		0.00587	**9.44**				<0.000540	0.0573 J	0.0150	0.0696			0.000501 J		
	MW-23	Jun-20		0.00595	**9.81 V**				<0.00149	0.0693 J	0.00484 J	0.0692			<0.000657		
	MW-23	Oct-20		0.00627	**12.3**				<0.00149	0.0501 J	0.00712	0.0769			<0.000657		
	MW-29	Oct-22		**0.103**	0.0227				<0.00124	**12.9**	0.00265	**1.16**			0.00301		
	MW-29	Mar-23		**0.0370**	0.0177	**0.811**	<0.000150	0.000853 J	<0.00124	**10.9**	<0.000849	**0.767**	<0.000100	0.00721	0.00785	0.00700	0.00767
	MW-29	Oct-23		**0.0218**	0.0228	**0.826**	<0.000150	0.000638 J	<0.00124	**6.05**	<0.000849	**0.487**	<0.000100	0.00953	0.00113 J	0.00246	0.00710
	MW-29	Apr-24		**0.0222**	0.0211	**0.796**	<0.000150	0.00478	<0.00124	**1.67**	<0.000849	**0.303**	<0.000100	0.0161	0.00298	0.00964	0.00722
	MW-39	Apr-19		0.00933	0.0590				<0.000540	0.0175 J	0.000354 J	0.0267			0.000668 J		
	MW-39	Oct-19		0.00690	0.0118				<0.000540	<0.0150	<0.000240	0.0282			<0.000380		
	MW-39	Jun-20		0.00757	0.0145 J				<0.00149	<0.0489	<0.00249	0.0410			<0.000657		
	MW-39	Oct-20		0.00755	0.0130 J				<0.00149	<0.0489	<0.00249	0.0546			<0.000657		
	MW-40	Apr-17		0.000786 J	0.0249				<0.000540	0.0151 J	0.000660 J	0.0241			**0.0704**		
	MW-40	Apr-18		0.000656 J	0.0227				0.000593 JB	0.0289 J	0.000415 J	0.0161			<0.000380		
	MW-40	Apr-19		0.000873 J	0.0234				<0.000540	0.0848 J	0.000467 JB	0.0166			<0.000380		
	MW-40	Jun-20		<0.000735	0.0218				<0.00149	0.181	<0.00249	0.0270			<0.000657		
	MW-41	Apr-18		0.00729	0.0206				<0.000540	0.0230 J	0.000304 J	**1.03**			0.000470 J		
	MW-41	Apr-19		0.00673	0.0370				<0.000540	0.0802 JB	0.000601 J	**0.570**			0.000498 J		
	MW-41	Jun-20		**0.0107**	0.0183 J				<0.00149	<0.0489	<0.00249	**0.857**			<0.000657		
	MW-41	Apr-21		**0.0240**	0.0205				<0.00124	0.0987 J	<0.000849	**0.758**			0.000626 J		
	MW-42	Apr-19		0.00516	0.0196				0.000790 J	0.0282 JB	0.000332 J	0.120			<0.000380		
	MW-42	Jun-20		0.00520	0.0191 J				<0.00149	0.233	<0.00249	0.144			<0.000657		
	MW-42	Apr-21		0.00948	0.0200				<0.00124	0.715	<0.000849	**0.335**			<0.000300		
	MW-42	Apr-22		0.00733	0.0195				<0.00124	0.116	<0.000849	0.143			0.000333 J		
	MW-43	Apr-19		0.00725	0.449	**1.14**	<0.000160	<0.000260	0.00113 JB	0.0770 J	0.00106 J	0.184	<0.0000490	0.00695	0.00568	<0.000330	0.00197 J
	MW-43	Oct-19		**0.0101**	0.171	**0.964**	<0.000160	<0.000260	0.00120 J	0.285	0.000752 J	**0.361**	0.0000655 JB	0.00654	0.00140 J	0.00403 J	0.0127
	MW-43	Jun-20		0.00612	0.443	**0.781**	<0.000478	<0.000477	<0.00149	0.375	<0.00249	**0.297**	<0.000100	0.00536	<0.000657	<0.00754	0.00385 J
	MW-43	Oct-20		0.00541	0.801	**0.770**	<0.000478	<0.000477	0.00150 J	0.106	<0.00249	**0.252**	<0.000100	0.00410	<0.000657	<0.00754	0.00249 J
	MW-59	Apr-17		**0.0234**	0.0202				<0.000540	0.123	<0.000240	**0.440**			<0.000380		
	MW-59	Apr-18		**0.0240**	0.0236				<0.000540	0.102 B	<0.000240	**0.448**			<0.000380		
	MW-59	Apr-19		**0.0213**	0.0293				0.000709 JB	0.0987 J	0.000432 J	**0.409**			<0.000380		
	MW-59	Jun-20		**0.0360**	0.0184 J				<0.00149	0.0703 J	<0.00249	**0.369**			<0.000657		
	MW-60	Jun-20		0.00590	0.0194 J	0.447	<0.000478	<0.000477	<0.00149	<0.0489	<0.00249	**0.237**	<0.000100	0.00132 J	<0.000657	<0.00754	<0.000986
	MW-60	Jun-20	FD	0.00559	0.0188 J	0.432	<0.000478	<0.000477	<0.00149	<0.0489	<0.00249	**0.229**	<0.000100	0.00121 J	<0.000657	<0.00754	<0.000986
	MW-60	Oct-20		0.00621	0.0203	0.465	<0.000478	<0.000477	<0.00149	<0.0489	<0.00249	**0.227**	<0.000100	0.00161 J	<0.000657	<0.00754	<0.000986
	MW-60	Oct-20	FD	0.00634	0.0193 J	0.461	<0.000478	<0.000477	<0.00149	<0.0489	0.00319 J	**0.222**	<0.000100	0.00110 J	<0.000657	<0.00754	<0.000986

Appendix B, Table B.2 - Summary of Groundwater Analytical Data - Total Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Cobalt	Chromium	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-48-4	7440-47-3	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC Irr	WQCC HH	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
North Refinery	MW-61	Mar-23		0.00191 J	0.0518				<0.00124	<0.0281	0.00342	0.0293			<0.000300		
	MW-61	Oct-23		0.00182 J	0.0460				<0.00124	0.0342 J	0.00411	0.0282			<0.000300		
	MW-61	Apr-24		0.00154 J	0.0457				<0.00124	0.0449 J	0.00432	0.0317			<0.000300		
	MW-61	Oct-24		0.00156 J	0.0453				<0.00124	0.0695 J	0.00437	0.0189			<0.000300		
	MW-61	Apr-25		0.00142 J	0.0372				<0.000900	<0.0226	0.00399	0.0237			0.000286 J		
	MW-61	Oct-25		0.00156 J	0.0362				0.000995 J	0.0333 J	0.00321	0.0239			<0.000250		
	MW-62	Oct-20		**0.0451**	0.0535				<0.00149	<0.0489	<0.00249	0.00657 B			<0.000657		
	MW-62	Sep-21		**0.0901**	0.0578				<0.00124	<0.0281	<0.000849	0.00840			<0.000300		
	MW-62	Apr-22		**0.0504**	0.0827				0.00125 J	0.219	<0.000849	0.00771			0.000378 J		
	MW-62	Oct-22		**0.0825**	0.0635				0.00236	<0.0281	<0.000849	0.0115			0.000484 J		
	MW-62R	Apr-21		**0.0449**	**3.61**				<0.00124	**4.03**	<0.000849	**0.245**			<0.000300		
	MW-62R	Apr-22		**0.0692**	0.611				<0.00124	<0.0281	<0.000849	0.0118			0.000401 J		
	MW-62R	Mar-23		**0.0470**	0.354				<0.00124	<0.0281	<0.000849	0.00666			0.000567 J		
	MW-62R	Apr-24		0.00778	0.959				<0.00124	<0.0281	<0.000849	0.0103			0.000445 J		
	MW-67	Oct-17		**0.0103**	0.0906	0.464	<0.000160	<0.000260	0.000639 J	0.0172 J	0.00112 J	0.0986	<0.0000490	0.000648 J	<0.000380	<0.000330	0.000547 J
	MW-67	Apr-18		**0.0107**	0.120	0.456	<0.000160	<0.000260	0.000927 JJ3J4	0.0743 J	0.00171 J	0.0943	<0.0000490	0.000828 J	0.000518 J	<0.000330	0.000584 J
	MW-67	Oct-18		0.00516	0.0745	0.401	0.000220 JB	<0.000260	0.000568 J	0.0289 J	0.00192 JB	0.126	0.000120 J	0.000595 J	<0.000380	<0.000330	0.000634 J
	MW-67	Apr-19		0.00750	0.0933	0.457	<0.000160	<0.000260	<0.000540	0.0253 J	0.000626 JB	0.0866	<0.0000490	0.000703 J	<0.000380	<0.000330	0.000405 J
	MW-90	Mar-23		0.00523	0.0200				<0.00124	<0.0281	<0.000849	0.0630			0.000548 J		
	MW-90	Oct-23		0.00636	0.0188				<0.00124	0.704	<0.000849	0.151			0.000972 J		
	MW-90	Apr-24		0.00544	0.0169				<0.00124	0.0336 J	<0.000849	0.149			0.000513 J		
	MW-90	Oct-24		0.00838	0.0182				<0.00124	0.120	<0.000849	**0.244**			0.00158 J		
	MW-90	Apr-25		0.00346	0.0165				<0.000900	<0.0226	<0.000500	0.0739			0.000564 J		
	MW-90	Oct-25		0.00589	0.0188				<0.000900	0.216	<0.000500	**0.321**			0.00143 J		
	MW-91	Oct-18		0.00772	0.0484				0.000738 J	0.0472 J	0.00440 B	0.00539			0.000542 J		
	MW-91	Apr-19		0.00693	0.0460				<0.000540	0.0388 J	0.00412 B	0.00762			0.00460		
	MW-91	Oct-19		0.00392	0.0552				<0.000540	0.0186 J	0.00475	0.00710 B			0.0214		
	MW-91	Jun-20		0.00524 B	0.0561				<0.00149	0.197	0.00610	0.00381 J			<0.000657		
	MW-93	Apr-17		0.00456	0.0228				0.00367	0.278	0.00116 J	0.0258			0.00683		
	MW-93	Apr-18		0.00706	0.0304				0.00945	0.145 B	0.00152 JB	0.0325			0.00377 B		
	MW-93	Apr-19		0.00456	0.0394				0.00174 JB	0.110	0.00105 J	0.0615			0.0144		
	MW-93	Jun-20		0.00827	0.0351				0.00257	0.181	<0.00249	**0.208**			0.00412		
	MW-94	Nov-14		**0.0170**	0.780				0.00140	0.0810 J	<0.000240	0.00650			0.00120 J		
	MW-94	Oct-15		**0.0215**	1.57				0.00144 J	<0.0150	<0.000240	0.00194 J			0.000935 J		
	MW-94	Apr-17		**0.0170**	0.873				0.00141 J	0.134	0.000298 J	0.00382 J			0.00304		
	MW-95	Apr-17		0.00173 J	0.0612				<0.000540	<0.0150	<0.000240	0.0330			0.000407 J		
	MW-95	Apr-18		0.00154 J	0.0691				<0.000540	0.0155 J	<0.000240	0.0556			<0.000380		
	MW-95	Apr-19		0.00141 J	0.0597				<0.000540	<0.0150	0.000528 JB	0.0904			<0.000380		
	MW-95	Jun-20		0.00135 JB	0.0431				<0.00149	0.0879 J	<0.00249	0.156			<0.000657		
	MW-96	Mar-23		0.00211	0.322				<0.00124	**1.06**	<0.000849	0.00301 J			0.000591 J		
	MW-96	Oct-23		0.00176 J	0.242				<0.00124	<0.0281	<0.000849	0.00221 J			0.000464 J		
	MW-96	Apr-24		0.00159 J	0.178				<0.00124	0.104	<0.000849	<0.000704			0.000478 J		
	MW-96	Oct-24		0.00150 J	0.112				<0.00124	0.0793 J	<0.000849	0.0119			<0.000300		
	MW-96	Apr-25		0.00141 J	0.146				<0.000900	<0.0226	<0.000500	0.00140 J			<0.000250		
	MW-96	Oct-25		0.00137 J	0.105				0.00115 J	0.114	<0.000500	0.00718			<0.000250		
	MW-98	Mar-23		0.000781 J	0.0148				<0.00124	<0.0281	0.00570	0.0126			0.0272		
	MW-98	Oct-23		0.000878 J	0.0169				<0.00124	<0.0281	0.00551	0.0148			0.000369 J		
	MW-98	Apr-24		0.000551 J	0.0159				<0.00124	<0.0281	0.00479	0.0105			<0.000300		
	MW-98	Oct-24		0.000774 J	0.0162				<0.00124	<0.0281	0.00382	0.0100			<0.000300		
	MW-98	Apr-25		0.000430 J	0.0179				<0.000900	<0.0226	0.00410	0.0101			<0.000250		
	MW-98	Oct-25		0.000355 J	0.0173				<0.000900	<0.0226	0.00348	0.00890			<0.000250		
	MW-137	Oct-17		**0.0156**	0.0756	**1.03**	<0.000160	<0.000260	0.00109 J	0.260	0.00338	**0.209**	<0.0000490	0.0198	0.0393	<0.000330	0.00771
	MW-137	Apr-18		**0.0512**	0.0711	**0.997**	<0.000160	<0.000260	0.00132 J	0.0740 JB	0.00433	0.154	<0.0000490	0.0134	0.00240 B	<0.000330	0.00718
	MW-137	Oct-18		**0.0129**	0.0942	**0.989**	<0.000160	<0.000260	0.000586 J	0.0553 J	0.00318	0.183	<0.0000490	0.0126	**0.341**	<0.000330	0.00844
	MW-137	Apr-19		**0.0285**	0.103	**1.02**	<0.000160	<0.000260	0.000596 JB	0.0240 J	0.00268	0.157	<0.0000490	0.0133	0.00601	<0.000330	0.00838
	MW-138	Oct-17		0.00507	0.103	**1.11**	<0.000160	<0.000260	0.000747 J	0.0334 J	0.000271 J	0.0931	<0.0000490	0.00619	0.00945	<0.000330	0.00195 J
	MW-138	Apr-18		0.00514	0.124	**0.984**	<0.000160	<0.000260	0.000785 J	0.160 B	<0.000240	0.103	<0.0000490	0.00977	0.000667 JB	<0.000330	0.00169 J
	MW-138	Oct-18		0.00464	0.108	**0.927**	<0.000160	<0.000260	<0.000540	0.0235 J	0.000249 J	0.111	<0.0000490	0.00490	**0.0973**	<0.000330	0.00120 J
	MW-138	Apr-19		0.00560	0.141	**0.951**	<0.000160	<0.000260	0.000855 JB	0.0228 J	0.000353 J	0.128	<0.0000490	0.00504	0.00102 J	<0.000330	0.00121 J
	MW-157	Oct-24															
	MW-157	Apr-25															
	MW-157	Oct-25															
	RW-1	Apr-15		0.00607	0.0305				0.00290	0.216	0.000495 J	0.126			0.00302 J		
	RW-1	Apr-17		**0.0359**	0.0243				0.00254	**4.88**	0.00492	**0.240**			0.00573 B		
	RW-1	Apr-18		**0.0204**	0.0328				0.000826 JJ3J4	**1.50**	0.00156 J	0.0237			0.00213		
	RW-1	Apr-19		**0.0172**	0.0357				0.00100 JB	**1.14**	0.00100 JB	0.0173			0.00211		
	RW-2	Apr-17		0.00504	0.0566				0.00173 J	0.264	0.000960 J	0.0161			0.0100		
	RW-2	Apr-18		0.00374	0.139				0.00362	0.123 B	0.00163 JB	0.0215			0.00128 JB		
	RW-2	Mar-23		**0.0200**	0.0845				0.00205	0.294	0.000897 J	**0.866**			0.00162 J		
	RW-2	Apr-25		0.00821	0.0178				<0.000900	0.173	<0.000500	**0.877**			0.000519 J		
	RW-7	Apr-17		0.00332	0.0198				<0.000540	0.183	<0.000240	**1.13**			<0.000380		
	RW-7	Apr-18		**0.0174**	0.144				0.00434 B	**2.92**	0.000599 J	0.106			<0.000380		
	RW-7	Apr-19		**0.0246**	0.122				0.00234 B	**7.78**	0.000979 JB	0.173			0.000381 J		
	RW-7	Jun-20		0.00738	0.176				<0.00149	**2.57**	<0.00249	0.108			<0.000657		
	RW-8	Apr-15		0.00556 J	0.0889				<0.00270	0.427 J	<0.00120	0.0556			0.00200 J		
	RW-8	Apr-17		**0.0343**	0.0593				0.00135 J	**9.50**	0.00169 J	**1.12**			<0.000380		
	RW-9	Apr-22		0.00503	0.0327				0.00174 J	0.0498 J	<0.000849	**0.318**			<0.000300		
	RW-9	Mar-23		0.00504	0.0316				<0.00124	<0.0281	<0.000849	**0.295**			0.0232		
	RW-9	Apr-24		0.00541	0.0408				<0.00124	<0.0281	<0.000849	**0.263**			0.000334 J		
	RW-9	Apr-25		0.00479	0.104				<0.000900	0.0302 J	0.000670 J	0.200			0.000401 J		
	RW-10	Apr-18		0.00234	0.0224				<0.000540	<0.0150	0.000469 J	0.189			<0.000380		
	RW-10	Apr-19		0.00158 J	0.0207				<0.000540	<0.0150	<0.000240	0.199			0.000555 J		
	RW-10	Jun-20		0.00405	0.0187 J				0.00188 J	<0.0489	<0.00249	0.182			<0.000657		
	RW-10	Apr-21		0.00573	0.0209				<0.00124	0.0380 J	<0.000849	0.157			0.000422 J		
	RW-16B	Apr-19		**0.0135**	0.0158				<0.000540	0.0160 JB	0.000494 J	**0.508**			0.00933		
	RW-16B	Jun-20		**0.0267**	0.0591				0.00287	**1.10**	0.00385 J	0.0348			**0.0922**		
	RW-16B	Mar-23		**0.0253**	0.0303				<0.00124	0.144	0.00217	**0.774**			0.00912		
	RW-16B	Apr-25		**0.0216**	0.0327				0.00493	**1.53**	0.0104	0.131			0.0486		
	RW-17A	Apr-18		**0.0106**	0.0232				<0.000540 J3J4	0.0346 J	0.00975	**0.767**			0.00322		
	RW-17A	Apr-19		**0.0151**	0.0205				0.000799 J	0.140	0.0138	**0.751**			0.000700 J		
	RW-17A	Jun-20		**0.0163**	0.0206				0.00178 J	0.232	0.0104	0.105			0.0154		
	RW-17A	Mar-23		0.00844	0.0224				<0.00124	0.0889 J	0.0120	**2.08** O1V			0.00442		

Appendix B, Table B.2 - Summary of Groundwater Analytical Data - Total Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Total Metals													
			Analyte	Arsenic	Barium	Boron	Cadmium	Cobalt	Chromium	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
			CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-48-4	7440-47-3	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
			CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC Irr	WQCC HH	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**														
North RO Reject Field	MW-117	Mar-23		0.00290	0.00984	0.333 B	<0.000150	0.000883 J	0.00156 JB	0.0535 J	<0.000849	0.00446 J	<0.000100 J6	0.00397	0.00448	0.0109	0.0149
	MW-117	Oct-23		0.00289	0.0101	0.421	<0.000150	0.00109 J	<0.00124	<0.0281	<0.000849	0.00652	<0.000100	0.00367	0.00472	0.0115	0.0150
	MW-117	Apr-24		0.00294	0.0117	0.407	<0.000150	0.00145 J	<0.00124	0.0554 J	<0.000849	0.0105	<0.000100	0.00345	0.00421	0.0125	0.0152
	MW-117	Oct-24		0.00318	0.0121	0.434	<0.000150	0.00176 J	<0.00124	0.136	<0.000849	0.0126	<0.0000700	0.00403	0.00268	0.0122	0.0158
	MW-117	Apr-25		0.00290	0.0113	0.447			<0.000900	0.0228 J	<0.000500	0.00608			0.00297	0.0116	
	MW-117	Oct-25		0.00265	0.0132	0.432			0.00150 J	0.255	0.000516 J	0.0156			0.00161 J	0.00988	
	MW-118	Mar-23		0.00603	0.0131	0.656	<0.000150	0.000241 J	0.00231 B	0.0684 J	<0.000849	0.0535	<0.000100	0.00297	0.0106	**0.0490**	0.0298
	MW-118	Oct-23		0.00587	0.0115	**0.776**	<0.000150	0.000290 J	<0.00124	0.121	<0.000849	0.0145	<0.000100	0.00220	0.0162	**0.0526**	0.0328
	MW-118	Apr-24		0.00616	0.0127	0.721	<0.000150	0.000415 J	<0.00124	0.901	<0.000849	0.0105	<0.000100	0.0404	0.0166	**0.0494**	0.0353
	MW-118	Oct-24		0.00647	0.0166	**0.757**	<0.000150	0.00195 J	0.00365	**1.18**	0.00167 J	0.0789	<0.0000700	0.00294	0.0165	**0.0513**	0.0374
	MW-118	Apr-25		0.00500	0.0106	**0.921**			<0.000900	0.0935 J	<0.000500	0.00308 J			0.0170	**0.0495**	
	MW-118	Oct-25		0.00457	0.00866	**0.859**			0.00139 J	<0.0226	<0.000500	0.00134 J			0.0167	**0.0541**	
	MW-119	Mar-23		0.00429	0.0107	0.525	<0.000150	0.0000919 J	0.00135 JB	0.0917 J	<0.000849	0.00669	<0.000100	0.00133 J	0.00504	**0.0471**	0.0179
	MW-119	Oct-23		0.00390	0.00898	0.536	<0.000150	0.0000829 J	<0.00124	<0.0281	<0.000849	0.0128	<0.000100	0.00155 J	0.00429	**0.0473**	0.0181
	MW-119	Apr-24		0.00403	0.0107	0.497	<0.000150	0.000678 J	<0.00124	0.102	<0.000849	0.0102	<0.000100	0.00129 J	0.00490	**0.0451**	0.0184
	MW-119	Oct-24		0.00420	0.0101	0.491	<0.000150	0.000145 J	<0.00124	0.0343 J	<0.000849	0.00602	<0.0000700	0.00138 J	0.00430	**0.0468**	0.0195
	MW-119	Apr-25		0.00381	0.0115	0.514			0.00104 J	0.170	<0.000500	0.0122			0.00322	**0.0457**	
	MW-119	Oct-25		0.00385	0.00958	0.499			0.00115 J	<0.0226	<0.000500	0.00214 J			0.00343	**0.0482**	
	MW-140	Mar-23		0.00358	0.0118	0.524	<0.000150	0.000187 J	<0.00124	<0.0281	<0.000849	0.0479	<0.000100	0.00435	0.00541	**0.0357**	0.0148
	MW-140	Oct-23		0.00327	0.0130	0.663	<0.000150	0.000194 J	<0.00124	<0.0281	<0.000849	0.0290	<0.000100	0.00192 J	0.00634	**0.0389**	0.0146
	MW-140	Apr-24		0.00302	0.0108	0.576	<0.000150	0.000239 J	<0.00124	<0.0281	<0.000849	0.0381	<0.000100	0.00174 J	0.00574	**0.0301**	0.0131
	MW-140	Oct-24		0.00315	0.0130	0.618	<0.000150	0.000279 J	<0.00124	0.0780 JB	<0.000849	0.0676	<0.0000700	0.00212	0.00654	**0.0393**	0.0136
	MW-140	Apr-25		0.00302	0.0121	0.626			<0.000900	<0.0226	<0.000500	0.0246			0.00596	**0.0360**	
	MW-140	Oct-25		0.00287	0.0126	0.625			<0.000900	<0.0226	<0.000500	0.0308			0.00321	**0.0343**	
	MW-141	Mar-23		0.00219	0.0112	0.203 B	<0.000150	0.000386 J	<0.00124	0.0496 JB	<0.000849	0.00765	0.000129 J	0.00123 J	0.00368	0.0224	0.0127
	MW-141	Oct-23		0.00201	0.0104	0.233	<0.000150	0.000342 J	<0.00124	<0.0281	<0.000849	0.00785	<0.000100	0.00107 J	0.00300	0.0233	0.0117
	MW-141	Apr-24		0.00179 J	0.0103	0.208	<0.000150	0.000322 J	<0.00124	<0.0281	<0.000849	0.00810	<0.000100	0.000863 J	0.00466	0.0192	0.0107
	MW-141	Oct-24		0.00205	0.00996	0.207	<0.000150	0.000321 J	<0.00124	<0.0281	<0.000849	0.00938 B	<0.0000700	0.000983 JB	0.00671	0.0227	0.0121
	MW-141	Apr-25		0.00195 J	0.00944	0.212			<0.000900	0.0575 J	<0.000500	0.00983			0.00672	0.0243	
	MW-141	Oct-25		0.00233	0.00860	0.186 J			<0.000900	0.0226 J	<0.000500	0.00640			0.00555	0.0215	
	MW-142	Mar-23		0.00394	0.00917	0.435 B	<0.000150	0.000264 J	<0.00124	<0.0281	<0.000849	0.0209	<0.000100	0.00306	0.00503	**0.0436**	0.0206
	MW-142	Oct-23		0.00336	0.00871	0.520	<0.000150	0.000204 J	<0.00124	<0.0281	<0.000849	0.0215	<0.000100	0.00274	0.00494	**0.0438**	0.0199
	MW-142	Apr-24		0.00389	0.00975	0.433	<0.000150	0.000737 J	<0.00124	0.0531 J	<0.000849	0.0282	<0.000100	0.00341	0.00527	**0.0468**	0.0215
	MW-142	Oct-24		0.00341	0.00949	0.450	<0.000150	0.000520 J	<0.00124	0.0667 J	<0.000849	0.0263	<0.0000700	0.00437	0.00492	**0.0404**	0.0199
	MW-142	Apr-25		0.00361	0.00994	0.459			<0.000900	0.0530 J	<0.000500	0.0251			0.00546	**0.0427**	
	MW-142	Oct-25		0.00342	0.00924	0.444			<0.000900	<0.0226	<0.000500	0.0201			0.00851	**0.0414**	
	MW-143	Mar-23		0.00420	0.00810	**0.778**	<0.000150	0.000959 J	<0.00124	0.0332 J	<0.000849	0.0409	<0.000100	0.00675	0.00121 J	**0.0482**	0.0236
	MW-143	Oct-23		0.00328	0.00784	**0.902**	<0.000150	0.000588 J	<0.00124	0.0415 J	<0.000849	0.0371	<0.000100	0.00352	0.00152 J	**0.0471**	0.0187
	MW-143	Apr-24		0.00432	0.00788	**0.789**	<0.000150	0.000965 J	<0.00124	0.0365 J	<0.000849	0.0376	<0.000100	0.00446	0.00116 J	**0.0522**	0.0241
	MW-143	Oct-24		0.00372	0.00795	**0.764**	<0.000150	0.00108 J	<0.00124	0.0374 J	<0.000849	0.0748	<0.0000700	0.00436	0.000734 J	**0.0449**	0.0185
	MW-143	Apr-25		0.00417	0.00849	**0.787**			<0.000900	<0.0226	<0.000500	0.0316			0.000606 J	**0.0490**	
	MW-143	Oct-25		0.00384	0.00804	0.750			<0.000900	<0.0226	<0.000500	0.0276			0.00100 J	**0.0492**	
	MW-162	Oct-24															
	MW-162	Apr-25															
	MW-162	Oct-25															
South Refinery	KWB-2R	Oct-19		0.00126 J	0.290				<0.000540	<0.0150	0.00467	0.171			<0.000380		
	KWB-2R	Mar-23		0.00299	0.0474				0.00223	1.00	0.00990	**0.649**			<0.000300		
	KWB-2R	Oct-23		0.00273	0.0373				<0.00124	0.391	0.00158 J	**0.692**			<0.000300		
	KWB-2R	Apr-24		0.00210	0.0256				<0.00124	0.229	0.00102 J	**0.656**			<0.000300		
	KWB-5	Oct-17		**0.0202**	**5.06**				<0.000540	**2.11**	0.000287 J	**1.64**			<0.000380		
	KWB-5	Apr-18		**0.0201**	**5.09**				<0.000540	**1.21**	0.000758 JB	**1.29**			<0.000380		
	KWB-5	Oct-18		**0.0166**	**3.75**				<0.00270	**2.13**	<0.00120	**1.55**			<0.00190		
	KWB-5	Apr-19		**0.0226**	**3.72**				0.00131 JB	**2.66**	0.00178 JB	**1.50**			<0.000380		
	KWB-6	Apr-17		0.00406	0.152				<0.000540	0.152	0.000533 J	**1.91**			<0.000380		
	KWB-6	Oct-17		0.00898	0.0998				<0.000540	0.250	0.000661 J	**2.15**			<0.000380		
	KWB-6	Apr-18		**0.0251**	0.120				0.00170 J	**4.68**	0.00564	**2.03**			<0.000380		
	KWB-6	Oct-18		0.00813	0.0699				<0.000540	0.149	<0.000240	**1.91**			0.000421 J		
	MW-28	Apr-19		0.00422	0.0660	**1.48**	<0.000160	<0.000260	0.00131 JB	0.0910 J	0.00990	0.0749	<0.0000490	0.00465	<0.000380	<0.000330	0.00270 J
	MW-28	Oct-19		0.00396	0.0522	**1.53**	<0.000160	<0.000260	0.000933 J	0.0502 JB	0.00717	0.0261	0.0000582 JB	0.00275	0.00329	<0.000330	0.00228 J
	MW-28	Jun-20		0.00705	0.0449	**1.32**	<0.000478	0.000802 J	<0.00149	0.122	0.0117	**0.708**	<0.000100 J6	0.00624	<0.000657	<0.00754	0.00364 J
	MW-28	Oct-20		0.00538	0.0371	**1.32**	<0.000478	<0.000477	<0.00149	0.0940 J	0.00540	**0.389**	<0.000100	0.00504	<0.000657	<0.00754	0.00375 JB
	MW-48	Apr-18		0.00554	1.82				<0.000540	0.105	0.00142 J	0.136			**0.247**		
	MW-48	Oct-18		0.00561	1.13 V				0.00119 J	0.231	0.00268	**0.347**			0.00132 J		
	MW-48	Apr-19		0.00395	1.04				0.000613 JB	0.195	0.00297	**0.481**			0.0405		
	MW-48	Oct-19		0.00646	1.04				0.00117 J	0.234	0.00232	**0.604**			0.000428 J		
	MW-50	Mar-23		0.00521	0.0122				0.00163 J	0.396	<0.000849	**0.655**			0.0298		
	MW-50	Oct-23		0.00458	0.0148				<0.00124	0.627	<0.000849	**0.663**			0.0203		
	MW-50	Apr-24		0.00495	0.0149				<0.00124	0.379	<0.000849	**0.245**			0.0294		
	MW-50	Oct-24		0.00490	0.0158				<0.00124	0.135	<0.000849	**0.426**			0.00926		
	MW-50	Apr-25		**0.0261**	0.0166				<0.000900	**7.40**	<0.000500	**0.632**			0.000453 J		
	MW-50	Oct-25		0.00266	0.0135				<0.000900	0.150	<0.000500	0.180			0.0388		
	MW-52	Mar-23		0.00376	0.0129	**0.805**	<0.000150	0.00100 J	<0.00124	<0.0281	<0.000849	0.0669	<0.000100	0.0357	0.00368	0.0116	0.0258
	MW-52	Oct-23		0.00411	0.0115	**0.857**	<0.000150	0.00103 J	<0.00124	0.0712 JB	<0.000849	0.0679	<0.000100	0.0325	0.00158 J	0.00999	0.0255
	MW-52	Apr-24		0.00317	0.0102	**0.757**	<0.000150	0.000809 J	<0.00124	<0.0281	<0.000849	0.0530	<0.000100	0.0220	0.00132 J	0.00718	0.0222
	MW-52	Oct-24		0.00354	0.0121	0.729	<0.000150	0.000839 J	<0.00124	<0.0281	<0.000849	0.0643	<0.0000700	0.0223	0.00174 J	0.0101	0.0256
	MW-52	Apr-25		0.00412	0.0132	0.710			<0.000900	<0.0226	<0.000500	0.0607			0.00197 J	0.00913	
	MW-52	Oct-25		0.00353	0.0131	0.631			<0.000900	<0.0226	<0.000500	0.0677			0.00316	0.00939	
	MW-64	Mar-23		**0.0265**	**2.13**				<0.00124	0.0411 J	<0.000849	0.0588			0.000706 J		
	MW-64	Oct-23		**0.0271**	1.96				<0.00124	<0.0281	<0.000849	0.0575			0.000306 J		
	MW-64	Apr-24		**0.0262**	1.94				<0.00124	<0.0281	<0.000849	0.0473			0.000402 J		
	MW-64	Oct-24		**0.0265**	1.97				<0.00124	<0.0281	<0.000849	0.0609			<0.000300		
	MW-64	Apr-25		**0.0252**	1.83				<0.000900	0.0985 J	<0.000500	0.0589			<0.000250		
	MW-64	Oct-25		**0.0230**	1.73				<0.000900	0.0485 J	0.000540 J	0.0597			<0.000250		
	MW-65	Oct-19		0.00653	1.58				<0.000540	0.265	0.000311 JB	**0.405**			<0.000380		
	MW-65	Mar-23		**0.0511**	1.37				<0.00124	0.510	0.00224	**0.549**			0.000945 J		
	MW-65	Oct-23		0.00535	1.58				<0.00124	0.941	<0.000849	**0.346**			<0.000300		
	MW-65	Apr-24		0.00624	1.76				<0.00124	0.893	<0.000849	**0.363**			<0.000300		
	MW-66	Oct-19		0.00236	1.44	0.206	<0.000160	<0.000260	0.000717 J	0.426 B	0.00104 JB	**0.283**	0.0000567 JB	0.0131	0.00393	<0.000330	0.00180 J
	MW-66	Jun-20		0.00235	1.99	0.250	<0.000478	<0.000477	<0.00149	0.748	<0.00249	**0.306**	<0.000100	0.00565	<0.000657	<0.00754	<0.000986
	MW-66	Oct-20		0.00267	1.68	0.229	<0.000478	<0.000477	<0.00149	0.704	<0.00249	**0.339**	<0.000100	0.00675	<0.000657	<0.00754	0.00212 JB
	MW-66	Apr-21		0.00481	**2.28**	0.294	0.000184 J	0.00135 J	0.00745	**3.81**	**0.0176**	**0.412**	<0.000100	0.0133	0.000342 J	0.000188 J	0.00606
	MW-99	Oct-18		0.00821	0.452				0.000542 J	0.163	0.000718 J	**0.224**			0.00169 J		
	MW-99	Apr-19		0.00789	0.404				0.00207 B	0.346	0.00319	**0.225**			0.000538 J		
	MW-99	Oct-19		0.00338	0.200				0.00124 J	0.465 B	0.00301	0.193			0.00451		
	MW-99	Jun-20		0.00301	0.209				0.00275	0.168	<0.00249	**0.229**			<0.000657		
	MW-101	Mar-23		**0.0117**	0.176				<0.00124	0.0923 J	0.00128 J	**0.476**			<0.000300		
	MW-101	Oct-23		**0.0338**	0.0685				<0.00124	**1.17**	<0.000849	**0.735**			<0.000300		
	MW-101	Apr-24		**0.0353**	0.0575				<0.00124	**1.20**	<0.000849	**0.745**			<0.000300		
	MW-101	Oct-24		**0.0260**	0.185				<0.00124	0.125	<0.000849	**0.719**			<0.000300		
	MW-101	Apr-25		0.00146 J	0.0503				0.00619	0.277	<0.000500	**0.497**			<0.000250		
	MW-101	Oct-25		**0.0132**	0.0494				<0.000900	0.434	<0.000500	**0.588**			<0.000250		

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Appendix B, Table B.2 - Summary of Groundwater Analytical Data - Total Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Cobalt	Chromium	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-48-4	7440-47-3	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC Irr	WQCC HH	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
South Refinery	MW-102	Mar-23		**0.0120**	0.200				<0.00124	0.0383 J	0.00251	0.0156			**0.0857**		
	MW-102	Mar-23	FD	**0.0113**	0.207				<0.00124	0.0342 J	0.00267	0.0164			0.0435		
	MW-102	Oct-23		**0.0115**	0.422				<0.00124	0.110	0.00411	0.0234			<0.000300		
	MW-102	Oct-23	FD	**0.0114**	0.428				<0.00124	0.112	0.00385	0.0229			<0.000300		
	MW-102	Apr-24		0.00855	1.56				0.00134 J	0.502	0.00419	0.0255			<0.000300		
	MW-102	Apr-24	FD	0.00861	1.33				0.00147 J	0.867	0.00382	0.0264			0.000373 J		
	MW-102	Oct-24		0.0100	**5.01**				<0.00124	0.0804 J	0.00476	0.0275			0.000341 J		
	MW-102	Oct-24	FD	0.00990	**6.21**				0.00168 JB	0.110	0.00417	0.0263			<0.000300		
	MW-102	Apr-25		0.00839	0.420				0.00318	0.834	0.00287	0.0654			0.000287 J		
	MW-102	Apr-25	FD	0.00865	0.406				0.00330	0.847	0.00273	0.0660			0.000267 J		
	MW-102	Oct-25		**0.0147**	0.410				0.00125 J	0.0481 J	0.00241	0.0144			<0.000250		
	MW-102	Oct-25	FD	**0.0142**	0.397				0.00146 J	0.132	0.00250	0.0152			<0.000250		
	MW-103	Apr-22		0.00192 J	1.51				0.00278	0.0607 J	<0.000849	0.00535			<0.000300		
	MW-103	Mar-23		0.00216	0.420				<0.00124	0.0407 J	0.00106 J	0.00181 J			0.000384 J		
	MW-103	Apr-24		0.00226	0.283				<0.00124	<0.0281	<0.000849	0.00164 J			<0.000300		
	MW-103	Apr-25		0.00233	0.168				<0.000900	0.0762 J	0.00173 J	0.00315 J			<0.000250		
	MW-104	Mar-23		0.00207	0.0232				<0.00124	<0.0281	<0.000849	0.0128			<0.000300		
	MW-104	Oct-23		0.00292	0.0287				<0.00124	<0.0281	<0.000849	0.0229			<0.000300		
	MW-104	Apr-24		0.00401	0.0302				<0.00124	<0.0281	<0.000849	0.0176			<0.000300		
	MW-104	Oct-24		0.00597	0.0314				<0.00124	<0.0281	<0.000849	0.0153			0.000378 J		
	MW-104	Apr-25		0.00447	0.0288				<0.000900	<0.0226	<0.000500	0.0237			<0.000250		
	MW-104	Oct-25		0.00302	0.0230				<0.000900	0.0438 J	<0.000500	0.0132			<0.000250		
	MW-105	Mar-23		0.00751	0.220				0.00176 J	0.167	<0.000849	0.144			<0.000300		
	MW-105	Oct-23		0.00546	0.120				0.00193 J	0.714	0.00274	0.0579			0.00155 J		
	MW-105	Apr-24		0.00615	0.634				0.00137 J	0.214	<0.000849	**0.223**			0.000432 J		
	MW-105	Oct-24		0.00298	0.188				0.00185 J	0.590	0.00107 J	**0.314**			0.00106 J		
	MW-105	Apr-25		0.00537	0.739				0.00124 J	0.119	0.000543 J	0.189			<0.000250		
	MW-105	Oct-25		**0.0111**	0.230				0.00281	0.776	0.00176 J	**0.288**			0.000790 J		
	MW-106	Oct-23		0.00377	0.0468				0.00272	0.708	0.00148 J	0.0193			0.00640		
	MW-106	Apr-24		**0.0148**	0.0451				0.00125 J	0.667	0.00620	0.00448 J			0.000452 J		
	MW-106	Oct-24		0.00687	0.0794				0.00267 B	0.217	0.00424	0.00816			<0.000300		
	MW-106	Apr-25		0.00866	0.0449				0.00106 J	<0.0226	0.00179 J	0.0325			0.000359 J		
	MW-106	Oct-25		0.00352	0.0913				<0.000900	0.269	0.00145 J	0.0410			0.000277 J		
	MW-107	Oct-15		0.00883	1.55				0.000625 J	0.368	0.000259 J	0.178			<0.000380		
	MW-107	Apr-17		0.00143 J	1.99				<0.000540	**5.17**	0.000437 J	0.105			0.0145		
	MW-107	Apr-18		0.00157 J	**2.32**				<0.000540	**4.54**	0.000427 JB	0.146			<0.000380		
	MW-107	Apr-19		0.00174 J	**2.64**				0.00139 JB	**2.77**	0.000542 J	0.185			<0.000380		
	MW-109	Mar-23		0.00491	0.0800				<0.00124	0.0531 J	<0.000849	0.126			0.000303 J		
	MW-109	Oct-23		0.00223	0.103				<0.00124	0.0441 JB	<0.000849	0.0657			<0.000300		
	MW-109	Apr-24		0.00302	0.0731				<0.00124	0.0371 J	<0.000849	0.0917			<0.000300		
	MW-109	Oct-24		0.00195 J	0.116				<0.00124	0.0319 JB	<0.000849	0.0979			<0.000300		
	MW-109	Apr-25		0.00340	0.224				<0.000900	0.0622 J	<0.000500	0.121			0.000348 J		
	MW-109	Oct-25		0.00154 J	0.252				<0.000900	<0.0226	<0.000500	0.0733			<0.000250		
	MW-110	Mar-23		**0.0383**	0.0528				0.00141 J	**1.15**	<0.000849	**2.23**			<0.000300		
	MW-110	Oct-23		**0.0281**	0.0713				<0.00124	0.961	<0.000849	**2.25**			<0.000300		
	MW-110	Apr-24		**0.0313**	0.0501				<0.00124	**1.10**	<0.000849	**2.27**			<0.000300		
	MW-110	Oct-24		**0.0255**	0.0708				<0.00124	0.984	<0.000849	**2.27**			<0.000300		
	MW-110	Apr-25		**0.0472**	0.0489				<0.000900	**1.35**	0.000946 J	**2.47**			<0.000250		
	MW-110	Oct-25		**0.0156**	0.0589				<0.000900	0.466	<0.000500	**1.76**			<0.000250		
	MW-139	Mar-23		**0.0110**	0.0264				<0.00124	0.558	<0.000849	**1.72**			<0.000300		
	MW-139	Oct-23		0.00429	0.0289				<0.00124	0.160	<0.000849	**1.17**			<0.000300		
	MW-139	Apr-24		0.00885	0.0278				<0.00124	0.329	<0.000849	**1.48**			<0.000300		
	MW-139	Oct-24		0.00766	0.0309				<0.00124	0.269	<0.000849	**1.49**			<0.000300		
	MW-139	Apr-25		0.00979	0.0247				<0.000900	0.323	0.000558 J	**1.53**			<0.000250		
	MW-139	Oct-25		0.00511	0.0253				<0.000900	0.106	<0.000500	**1.12**			<0.000250		
	MW-158	Oct-24																
	MW-158	Apr-25																
	MW-158	Oct-25																
	MW-159	Oct-24																
	MW-159	Apr-25																
	MW-159	Oct-25																
	RA-313	Apr-22																
	RA-313	Mar-23																
	RA-313	Apr-24																
	RA-313	Apr-25																
	RW-4	Jun-20		0.00356	0.0676				<0.00149	0.238	<0.00249	0.133			<0.000657		
	RW-4	Apr-22		0.00552	0.0742				<0.00124	0.0784 J	<0.000849	0.181			<0.000300		
	RW-4	Mar-23		0.00486	0.0655				<0.00124	0.0475 J	0.000881 J	0.187			<0.000300		
	RW-4	Apr-24		0.00420	0.128				0.00194 J	0.0386 J	0.000898 J	0.171			<0.000300		
	RW-5R	Apr-15		0.00136 J	0.0259				<0.000540	0.0952 J	0.000336 J	0.0177			<0.000380		
	RW-6	Apr-18		**0.0170**	1.94				0.00106 J	**1.59**	0.000764 JB	**0.298**			<0.000380		
	RW-6	Apr-19		0.00630	**6.89**				0.000826 JB	0.173	0.000482 J	0.156			<0.000380		
	RW-6	Mar-23		**0.0423**	0.633				0.00443	**1.19**	0.00577	0.195			0.000538 J		
	RW-6	Apr-24		**0.0976**	0.106				<0.00124	**3.10**	<0.000849	**0.953 V**			<0.000300		
	RW-15C	Apr-17		**0.0274**	0.885				<0.000540	0.316	0.0116	**0.358**			0.000461 JB		
	RW-15C	Apr-18		**0.0239**	1.19				0.000699 J	0.264	0.000822 J	**0.372**			0.000836 J		
	RW-15C	Apr-19		**0.0135**	1.70				0.00534 B	0.473	0.00106 JB	**0.457**			0.00895		
	RW-19	Apr-24		**0.0417**	0.0612				<0.00124	**3.42**	0.00559	**1.74**			<0.000300		
South RO Reject Field	MW-114	Mar-23		0.00220	0.0122	0.0472 J	<0.000150	0.00168 J	<0.00124	<0.0281	<0.000849	**0.359**	<0.000100	0.00164 J	0.00243	0.00338	0.00551
	MW-114	Oct-23		0.00388	0.0146	0.138 J	<0.000150	0.00180 J	<0.00124	<0.0281	<0.000849	**0.358**	<0.000100	0.00474	0.00175 J	0.00457	0.00995
	MW-114	Apr-24		0.00256	0.0111	0.135 J	<0.000150	0.00146 J	<0.00124	<0.0281	<0.000849	**0.280**	<0.000100	0.00473	0.000891 J	0.00251	0.00782
	MW-114	Oct-24		0.00342	0.0139	0.152 J	<0.000150	0.00178 J	<0.00124	<0.0281	<0.000849	**0.385**	<0.0000700	0.00468	0.00139 J	0.00311	0.0106
	MW-114	Apr-25		0.00239	0.0120	0.0670 J			<0.000900	<0.0226	<0.000500	**0.261**			0.00106 J	0.00225	
	MW-114	Oct-25		0.00362	0.0121	0.116 J			<0.000900	<0.0226	<0.000500	**0.755**			0.00128 J	0.00262	
	MW-115	Mar-23		0.00533	0.0184	0.697	<0.000150	0.00235	0.00147 J	0.358	<0.000849	0.152	<0.000100	0.00576	0.00356	**0.0525**	0.0280
	MW-115	Oct-23		0.00524	0.0111	**0.821**	<0.000150	0.00157 J	<0.00124	0.0848 JB	<0.000849	0.165	<0.000100	0.00600	0.00226	**0.0522**	0.0268
	MW-115	Apr-24		0.00437	0.0112	0.721	<0.000150	0.00133 J	<0.00124	0.185	<0.000849	0.133	<0.000100	0.00661	0.00206	**0.0370**	0.0221
	MW-115	Oct-24		0.00460	0.0104	0.720	<0.000150	0.00118 J	<0.00124	<0.0281	<0.000849	0.175	<0.0000700	0.00642	0.00149 J	**0.0438**	0.0268
	MW-115	Apr-25		0.00429	0.0185	0.718			<0.000900	0.167	<0.000500	0.0689			0.00193 J	**0.0416**	
	MW-115	Oct-25		0.00450	0.0108	0.714			<0.000900	<0.0226	<0.000500	0.0381			0.00234	**0.0423**	
	MW-116	Mar-23		0.00325	0.00874	0.233	<0.000150	0.00271	<0.00124	0.0772 J	<0.000849	0.0963	<0.000100	0.00237	0.0293	0.0291	0.0135
	MW-116	Apr-24		0.00271	0.00909	0.234	<0.000150	0.00262	<0.00124	<0.0281	<0.000849	0.0341	<0.000100	0.00239	0.00437	**0.0318**	0.0133
	MW-116	Oct-24		0.00388	0.00923	0.247	<0.000150	0.00254	<0.00124	0.136 B	<0.000849	0.0410	<0.0000700 I6O	0.00228	0.00394	**0.0364**	0.0159
	MW-116	Apr-25		**0.0135**	0.0159	0.244			0.00466	**1.89**	0.000537 J	0.0604			0.00461	**0.0332**	
	MW-116	Oct-25		0.00438	0.00969	0.253			0.00124 J	0.224	<0.000500	0.0231			0.00415	**0.0330**	

Appendix B, Table B.2 - Summary of Groundwater Analytical Data - Total Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Cobalt	Chromium	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-48-4	7440-47-3	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC Irr	WQCC HH	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
South RO Reject Field	MW-144	Mar-23		0.00447	0.0106	0.394	<0.000150	0.000559 J	<0.00124	<0.0281	<0.000849	0.0129	<0.000100	0.00117 J	0.00855	**0.0340**	0.0167
	MW-144	Oct-23		0.00470	0.0111	0.423	<0.000150	0.000593 J	<0.00124	<0.0281	<0.000849	0.0181	<0.000100	0.00282	0.0118	**0.0376**	0.0151
	MW-144	Apr-24		0.00431	0.0106	0.434	<0.000150	0.000600 J	<0.00124	<0.0281	<0.000849	0.0205	<0.000100	0.00149 J	0.00986	**0.0412**	0.0165
	MW-144	Oct-24		0.00434	0.0113	0.427	<0.000150	0.000477 J	<0.00124	<0.0281	<0.000849	0.0163	<0.0000700	0.00118 J	0.00984	**0.0384**	0.0156
	MW-144	Apr-25		0.00416	0.0103	0.413			<0.000900	<0.0226	<0.000500	0.0273			0.00992	**0.0409**	
	MW-144	Oct-25		0.00434	0.0108	0.427			<0.000900	<0.0226	<0.000500	0.0200			0.00851	**0.0421**	
	MW-163	Oct-24																
	MW-163	Apr-25																
	MW-163	Oct-25																
TEL	MW-49	Mar-23		0.00434	0.0681	**0.777**	<0.000150	<0.0000596	<0.00124	<0.0281	<0.000849	0.145	<0.000100	0.00833	<0.000300	<0.0000789	<0.000664
	MW-49	Oct-23		0.00413	0.0820	**0.796**	<0.000150	0.000217 J	<0.00124	0.304	0.00132 J	0.117	<0.000100	0.00817	<0.000300	<0.0000789	0.000916 J
	MW-49	Apr-24		0.00447	0.0686	**0.766**	<0.000150	0.0000683 J	<0.00124	0.0508 J	0.000953 J	0.0901	<0.000100	0.00838	0.000331 J	<0.0000789	<0.000664
	MW-49	Oct-24		0.00351	0.0761	0.739	<0.000150	0.000136 J	<0.00124	0.142	<0.000849	0.148	<0.0000700	0.00909	<0.000300	<0.0000789	<0.000664
	MW-49	Apr-25		0.00344	0.0672	0.710			<0.000900	<0.0226	<0.000500	0.144			0.000379 J	<0.000130	
	MW-49	Oct-25		0.00349	0.0660	**0.755**			<0.000900	<0.0226	0.000513 J	0.131			<0.000250	<0.000130	
	TEL-1	Oct-18		**0.0173**	0.0171				0.00240	0.0675 J	<0.000240	0.0419			<0.000380		
	TEL-1	Apr-19		**0.0142**	0.0203				0.00480	0.158	0.000325 J	0.0425			<0.000380		
	TEL-1	Oct-19		**0.0136**	0.0158				0.00444 B	0.0598 JB	0.000418 JB	0.0365			<0.000380		
	TEL-1	Jun-20		**0.0116**	0.0152 J				0.00273	0.120	<0.00249	0.0315			<0.000657		
	TEL-2	Oct-18		**0.0152**	0.101				0.00151 J	0.0287 J	0.000727 J	0.0273			0.000520 J		
	TEL-2	Apr-19		**0.0117**	0.111				0.00208	0.0688 J	0.00130 J	0.0190			0.00137 J		
	TEL-2	Oct-19		**0.0115**	0.0914				0.00295 B	0.0484 JB	0.000814 JB	0.0281			0.000498 J		
	TEL-2	Jun-20		0.00826	0.131				0.00193 J	0.0517 J	<0.00249	0.0341			<0.000657		
	TEL-3	Apr-18		**0.0109**	0.0248				**0.334**	**1.47**	0.000726 J	0.0114			<0.000380		
	TEL-3	Apr-19		0.00228	0.0214				**0.0851**	0.336	0.00111 J	0.0142			0.000982 J		
	TEL-3	Oct-19		0.00161 J	0.0182				0.0248	0.112 B	0.000803 JB	0.0205			<0.000380		
	TEL-3	Oct-20		0.00434	0.0158 J				0.0275	0.158	<0.00249	0.0170			<0.000657		
	TEL-4	Mar-23		0.00383	0.0163				**0.463**	0.844	<0.000849	**0.913**			0.0285		
	TEL-4	Mar-23	FD	0.00361	0.0176				**0.461**	0.905	<0.000849	**0.918**			0.0125		
	TEL-4	Oct-23		**0.0356**	0.0197				**0.287**	**2.43**	0.00199 J	**0.721**			<0.000300		
	TEL-4	Oct-23	FD	**0.0451**	0.0207				**0.543**	**5.48**	0.00349	**0.776**			0.000494 J		
	TEL-4	Apr-24		**0.0292**	0.0235				**0.110**	0.149	<0.000849	**0.520**			<0.000300		
	TEL-4	Apr-24	FD	**0.0386**	0.0231				**0.144**	**1.20**	0.00133 J	**0.529**			<0.000300		
	TEL-4	Oct-24		**0.0285**	0.0384				**0.143**	0.247	<0.000849	**0.538**			<0.000300		
	TEL-4	Oct-24	FD	**0.0327**	0.0407				**0.113**	0.226	<0.000849	**0.562**			<0.000300		
	TEL-4	Apr-25		**0.0126**	0.0241				**0.227**	0.468	0.000509 J	**1.08**			0.000342 J		
	TEL-4	Apr-25	FD	**0.0124**	0.0246				**0.204**	0.450	<0.000500	**1.05**			0.000388 J		
	TEL-4	Oct-25		0.00277	0.0175				**0.110**	0.166	0.000831 J	**0.723**			<0.000250		
	TEL-4	Oct-25	FD	0.00249	0.0166				**0.0727**	0.152	0.000538 J	**0.741**			<0.000250		
TMD	MW-8	Apr-22		0.00617	0.0138				0.0118	0.0779 J	<0.000849	**0.359**			**0.0783**		
	MW-8	Mar-23		0.00708	0.0130				0.00998	0.0784 J	<0.000849	**0.339**			**0.0663**		
	MW-8	Apr-24		0.00738	0.0113				0.0262	0.184	<0.000849	**0.430**			0.0427		
	MW-8	Apr-25		0.00792	0.0126				0.0463	0.291	<0.000500	**0.236**			0.0383		
	MW-16	Apr-21		0.00528	0.0186 J				<0.00124	0.0632 J	<0.000849	**0.215**			0.00859		
	MW-16	Apr-22		0.00498	0.0158				<0.00124	<0.0281	<0.000849	**0.254**			0.00853		
	MW-16	Mar-23		0.00559	0.0130				<0.00124	0.0286 J	<0.000849	0.0121			0.0280		
	MW-16	Apr-24		0.00493	0.0140				<0.00124	0.0372 J	<0.000849	0.110 J5			0.0193		
	MW-20	Apr-22		0.00495	0.00958				<0.00124	<0.0281	<0.000849	0.00169 J			0.00953		
	MW-20	Mar-23		0.00520	0.0122				<0.00124	<0.0281	<0.000849	0.00401 J			0.0193		
	MW-20	Apr-24		0.00429	0.0100				<0.00124	<0.0281	<0.000849	0.00170 J			0.0182		
	MW-20	Apr-25		0.00499	0.0126				<0.000900	<0.0226	<0.000500	0.00820			0.0176		
	MW-21	Mar-23		0.00562	0.00891				<0.00124	<0.0281	<0.000849	**0.203**			0.0416		
	MW-21	Oct-23		0.00559	0.00963				<0.00124	<0.0281	<0.000849	**0.670**			**0.0502**		
	MW-21	Apr-24		0.00531	0.0104				<0.00124	<0.0281	<0.000849	0.127			0.0301		
	MW-21	Oct-24		0.00528	0.00853				<0.00124	<0.0281	<0.000849	**0.419**			0.0382		
	MW-21	Apr-25		0.00535	0.00973				<0.000900	0.0444 J	<0.000500	0.0903			0.0283		
	MW-21	Oct-25		0.00482	0.00928				<0.000900	<0.0226	<0.000500	0.150			**0.0728**		
	MW-25	Apr-22		0.00347	0.0451				<0.00124	<0.0281	<0.000849	**2.51**			0.000351 J		
	MW-25	Mar-23		0.00368	0.0390				0.00171 JB	<0.0281	<0.000849	**0.741 V**			0.000407 J		
	MW-25	Apr-24		**0.0301**	0.0139				<0.00124	0.0929 J	<0.000849	**0.867**			0.00395		
	MW-25	Apr-25		0.00227 J	0.0264				<0.00450	<0.113	<0.00250	**0.334**			0.00449 J		
	MW-26	Apr-22		0.00317	0.00780				<0.00124	<0.0281	<0.000849	**0.267**			0.0171		
	MW-26	Mar-23		0.00304	0.00836				<0.00124	<0.0281	<0.000849	0.0779			0.0164		
	MW-26	Apr-24		0.00292	0.00682				<0.00124	<0.0281	<0.000849	0.193			0.0151		
	MW-26	Apr-25		0.00353	0.00902				<0.000900	<0.0226	<0.000500	**0.523**			**0.0574**		
	MW-27	Apr-22		0.00231	0.0187				<0.00124	<0.0281	<0.000849	0.0229			0.0158		
	MW-27	Mar-23		0.00219	0.0168				<0.00124	<0.0281	<0.000849	0.00484 J			0.0203		
	MW-27	Apr-24		0.00198 J	0.0174				<0.00124	<0.0281	<0.000849	0.0236			0.0144		
	MW-27	Apr-25		0.00173 J	0.0171				<0.000900	<0.0226	<0.000500	0.00922			0.0174		
	MW-46R	Mar-23		0.00264	0.0124				<0.00124	0.0529 J	<0.000849	0.0150			0.0295		
	MW-46R	Oct-23		0.00548	0.0264				0.00729	**1.40**	0.0140	0.0975			0.00889		
	MW-46R	Apr-24		0.00241	0.0147				<0.00124	0.0799 J	<0.000849	0.0386			0.00499		
	MW-46R	Oct-24		0.00250	0.0168				<0.00124	0.157 B	<0.000849	0.0236			0.00439		
	MW-46R	Apr-25		0.00234	0.0154				<0.000900	0.157	<0.000500	0.0456			0.00848		
	MW-46R	Oct-25		0.00278	0.0185				0.00103 J	0.223	0.00185 J	0.0130			0.0109		
	MW-68	Apr-21		0.00276	0.0134 J				<0.00124	0.0401 J	<0.000849	0.00543			0.0224		
	MW-68	Apr-22		0.00246	0.0127				<0.00124	0.102	0.00175 J	0.00437 J			0.0259		
	MW-68	Mar-23		0.00266	0.0117				<0.00124	<0.0281	<0.000849	<0.000704			0.0233		
	MW-68	Apr-24		0.00259	0.0116				<0.00124	<0.0281	<0.000849	0.00208 J			0.0258		
	MW-71	Apr-21		0.00385	0.00911 J	0.655	<0.000150	0.000147 J	<0.00124	<0.0281	<0.000849	0.00147 J	0.000261	0.00115 J	0.0264	**0.0666**	0.0242
	MW-71	Apr-22		0.00397	0.00728	0.654	<0.000150	<0.0000596	<0.00124	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.0270	**0.0693**	0.0246
	MW-71	Mar-23		0.00391	0.00845	0.626	<0.000150	0.000125 J	0.00151 J	<0.0281	<0.000849	0.000845 J	<0.000100	0.00110 J	0.0252	**0.0672**	0.0249
	MW-71	Apr-24		0.00333	0.00719	0.648	<0.000150	0.0000891 J	<0.00124	<0.0281	<0.000849	<0.000704	<0.000100	0.000864 J	0.0217	**0.0551**	0.0207
	MW-89	Apr-22		**0.0105**	0.0122				<0.00124	0.0409 J	<0.000849	0.191			0.00485		
	MW-89	Mar-23		0.00817	0.0126				<0.00124	<0.0281	<0.000849	**0.426**			0.00338		
	MW-89	Apr-24		0.00973	0.0132				<0.00124	0.424	<0.000849	**0.532**			0.00471		
	MW-89	Apr-25		**0.0179**	0.0181				0.00102 J	**1.40**	<0.000500	**0.762**			0.00102 J		
	MW-152	Oct-24															
	MW-152	Apr-25															
	MW-152	Oct-25															
	MW-153	Oct-24															
	MW-153	Apr-25															
	MW-153	Oct-25															
	MW-154	Oct-24															
	MW-154	Apr-25															
	MW-154	Oct-25															
	MW-155	Oct-24															
	MW-155	Apr-25															
	MW-155	Oct-25															
	MW-156	Oct-24															
	MW-156	Apr-25															
	MW-156	Oct-25															

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Appendix B, Table B.2 - Summary of Groundwater Analytical Data - Total Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Cobalt	Chromium	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-48-4	7440-47-3	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC Irr	WQCC HH	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
TMD	NP-1	Mar-23																
	NP-1	Oct-23																
	NP-1	Apr-24																
	NP-1	Oct-24																
	NP-1	Oct-25																
	NP-6	Apr-19																
	NP-6	Apr-21																
	NP-6	Mar-23																
	NP-6	Apr-25																
Up-Gradient	UG-1	Apr-22		0.00162 J	0.0132	0.733	<0.000150	0.0000957 J	<0.00124	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.0130	**0.0431**	0.0140	
	UG-1	Mar-23		0.00142 J	0.0129	0.728	<0.000150	0.0000741 J	<0.00124	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.0128	**0.0373**	0.0144	
	UG-1	Apr-24		0.00125 J	0.0102	0.532	<0.000150	0.000228 J	<0.00124	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.00573	0.0263	0.0116	
	UG-1	Apr-25		0.00137 J	0.0127	0.543			0.00103 J	0.0412 J	<0.000500	0.000771 J			0.00450	0.0268		
	UG-2	Apr-22		0.00238	0.0152	0.267	<0.000150	0.0000828 J	<0.00124	<0.0281	<0.000849	0.00569 B	<0.000100	0.00183 J	0.00570	0.0156	0.0198	
	UG-2	Mar-23		0.00245	0.0146	0.264	<0.000150	<0.0000596	<0.00124	<0.0281	<0.000849	<0.000704	<0.000100	0.00162 J	0.00531	0.0143	0.0228	
	UG-2	Apr-24		0.00213	0.0150	0.247	<0.000150	0.000128 J	<0.00124	<0.0281	<0.000849	0.00148 J	<0.000100	0.00182 J	0.00471	0.0115	0.0217	
	UG-2	Apr-25		0.00223	0.0144	0.266			0.00107 J	0.0302 J	<0.000500	0.00325 J			0.00513	0.0136		
	UG-3R	Apr-22		0.00149 J	0.0191	0.183 J	<0.000150	0.0000759 J	<0.00124	<0.0281	<0.000849	0.000775 JB	<0.000100	<0.000816	0.00472	0.0273	0.00900	
	UG-3R	Mar-23		0.00141 J	0.0250	0.162 J	<0.000150	0.0000610 J	<0.00124	<0.0281	<0.000849	0.000918 JB	<0.000100	0.00131 J	0.00566	0.0189	0.00964	
	UG-3R	Apr-24		0.00151 J	0.0231	0.162 J	<0.000150	<0.0000596	<0.00124	<0.0281	<0.000849	0.00121 J	<0.000100	0.000916 J	0.00951	0.0230	0.00950	
	UG-3R	Apr-25		0.00148 J	0.0228	0.154 J			0.00109 J	0.0662 J	<0.000500	0.00176 J			0.0111	0.0263		
	UG-4	Apr-22		0.00147 J	0.0229	0.749	<0.000150	0.000862 J	0.00295	0.200	<0.000849	0.0492	<0.000100	0.00120 J	0.0119	**0.0334**	0.00923	
	UG-4	Mar-23		0.00150 J	0.0196	**1.22**	<0.000150	0.000340 J	<0.00124	0.235	<0.000849	0.0347	<0.000100	0.00228	0.00789	**0.0421**	0.00876	
	UG-4	Apr-24		0.00194 J	0.0256	**1.32**	<0.000150	0.00104 J	0.00166 J	0.524	<0.000849	0.161	<0.000100	0.00228	0.00783	**0.0464**	0.0104	
	UG-4	Apr-25		0.00158 J	0.0188	**1.50**			0.00126 J	0.283	<0.000500	0.142			0.00597	**0.0467**		

Definitions

X	Reported concentration, X, exceeds the CGWSL.
X	Analyte detected above the detection limit at a concentration equal to X.
<x	Analyte not detected at detection limit equal to x.
<x	Analyte not detected at detection limit equal to x, but x exceeds the CGWSL.
	Blank cell indicates a sample was collected from the well during the indicated sampling event, but the analyte was not analyzed.

Abbreviations

CGWSL	Critical Groundwater Screening Level (see Table 3)
CGWSL Source	Source for CGWSL value (see Table 3)
Dup	Duplicate sample
FD	Field duplicate sample
mg/L	Milligrams per Liter
NMED TW	NMED Risk Assessment Guidance for Site Investigations and Remediation, November 2022, Table A-1, Tap Water Screening Level
WQCC Dom	NMED Groundwater standard for domestic exposure, 20.6.2.3103.B NMAC
WQCC HH	NMED Groundwater standard for human health exposure, 20.6.2.3103.A NMAC
WQCC Irr	NMED Groundwater standard for irrigation exposure, 20.6.2.3103.C NMAC

Lab Footnote

B	Analyte was also detected in the associated method blank.
J	Indicates an estimated value.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Note - Irrigation well RA-4196R was installed in June 2022 to replace both irrigation wells RA-4196 and RA-4798 which were plugged and abandoned in April 2023.

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Appendix B, Table B.3 - Summary of Groundwater Analytical Data - Dissolved Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Chromium	Cobalt	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-47-3	7440-48-4	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	WQCC Irr	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
Cross-Gradient	KWB-13	Apr-22		0.00251	0.0137	0.311	<0.000150	0.00135 J	0.000143 J	<0.0281	<0.000849	<0.000704	<0.000100	0.000948 JB	0.0116	0.0199	0.0193	
	KWB-13	Mar-23		0.00263 B	0.0141	0.296	<0.000150	<0.00124 J4	<0.0000596	<0.0281	<0.000849	0.000863 J	<0.000100	<0.000816	0.00991	0.0220	0.0209	
	KWB-13	Apr-24		0.00259	0.0149	0.261	<0.000150	0.00183 J	0.000146 J	<0.0281	<0.000849	0.000796 J	<0.000100	<0.000816	0.00896	0.0195	0.0180	
	KWB-13	Apr-25																
	MW-136	Mar-23		0.00261 B	0.0164	0.517	<0.000150	<0.00124 J4	0.000664 J	<0.0281	<0.000849	0.00133 J	<0.000100	0.00235	0.00670	**0.0369**	0.0163 B	
	MW-136	Oct-23																
	MW-136	Oct-24																
	MW-136	Apr-25																
	MW-136	Oct-25																
	MW-149	Oct-23																
	MW-149	Apr-24		0.00299	0.0179			<0.00124		<0.0281	<0.000849	0.00377 J			0.00821			
	MW-149	Oct-24																
	MW-149	Apr-25																
	MW-149	Oct-25																
	MW-150	Oct-23																
	MW-150	Apr-24		0.00169 J	0.0119			<0.00124		0.0542 J	<0.000849	0.00580			0.00243			
	MW-150	Oct-24																
	MW-150	Apr-25																
	MW-150	Oct-25																
	NP-5	Apr-19		0.00303	0.00741			<0.000540		<0.0150	0.000353 J	0.000297 J			0.0126			
	NP-5	Apr-21		0.00345	0.00814 J			<0.00124		<0.0281	<0.000849	0.000958 J			0.00956			
	NP-5	Mar-23		0.00348 B	0.00893			<0.00124 J4		<0.0281	<0.000849	0.00469 J			0.00781			
	NP-5	Apr-25																
	RA-3156	Apr-19																
	RA-3156	Jun-20																
	RA-3156	Apr-21																
	RA-3156	Apr-22																
	MW-1R	Apr-22		0.00132 J	0.0189			<0.00124		**1.81**	<0.000849	**1.23**			<0.000300			
	MW-1R	Mar-23		0.00138 J	0.0188			<0.00124		**1.71**	<0.000849	**1.21**			<0.000300			
	MW-1R	Apr-24		0.00216	0.0122			<0.00124		<0.0281	<0.000849	**0.378**			0.00150 J			
	MW-1R	Apr-25																
	MW-2A	Mar-23		0.00613	0.0194			<0.00124		0.972	<0.00424	**0.606**			0.00541			
	MW-2A	Oct-23																
	MW-2A	Apr-24		0.00571	0.0260			<0.00124		0.205	<0.000849	**0.642**			0.00615			
	MW-2A	Oct-24																
	MW-2A	Apr-25																
	MW-2A	Oct-25																
	MW-3	Mar-23		**0.0234**	**2.58**			0.0413		0.186 B	<0.000849	**0.844**			0.0279			
	MW-3	Mar-23	FD	**0.0238**	0.0144			<0.00124		<0.0281	<0.000849	**0.897**			0.0300			
	MW-3	Oct-23																
	MW-3	Oct-23	FD															
	MW-3	Apr-24		**0.0331**	0.0145			<0.00124		0.117	<0.000849	**0.882**			0.00409			
	MW-3	Apr-24	FD	**0.0326**	0.0143			<0.00124		0.0914 J	<0.000849	**0.893**			0.00324			
	MW-3	Oct-24																
	MW-3	Oct-24	FD															
	MW-3	Apr-25																
	MW-3	Apr-25	FD															
	MW-3	Oct-25																
	MW-3	Oct-25	FD															
	MW-4A	Mar-23		**0.119**	0.0116			<0.00124		**1.92**	<0.000849	**1.75**			0.000492 J			
	MW-4A	Oct-23																
	MW-4A	Apr-24		**0.0939**	0.0102			0.00159 J		**1.22**	<0.000849	**1.37**			0.000505 J			
	MW-4A	Oct-24																
	MW-4A	Apr-25																
	MW-4A	Oct-25																
	MW-4B	Apr-19		**0.0455**	0.0169			0.000548 JB		<0.0150	0.000686 J	**9.36**			<0.000380			
	MW-4B	Apr-21		**0.0660**	0.0160 J			0.0113		0.0572 J	0.00225	**10.1**			<0.000300			
	MW-4B	Mar-23		**0.0465**	0.0183			<0.00124		**2.81**	<0.000849	**7.09**			<0.000300			
	MW-4B	Apr-25																
	MW-5A	Mar-23		**0.0875**	0.0118			<0.00124		**4.80**	<0.000849	**1.48**			0.000738 J			
	MW-5A	Oct-23																
	MW-5A	Apr-24		**0.172**	0.0134			<0.00620		**6.23**	<0.00424	**1.05**			<0.00150			
	MW-5A	Oct-24																
	MW-5A	Apr-25																
	MW-5A	Oct-25																
	MW-5B	Apr-19		**0.131**	0.0118			0.000965 JB		0.0237 JB	0.000840 J	**3.16**			0.00217			
	MW-5B	Apr-21		0.00944	0.0140 J			0.00205		<0.0281	<0.000849	**1.04**			<0.000300			
	MW-5B	Mar-23		**0.144**	0.0106			0.00786		**4.03**	<0.000849	**3.13**			0.00134 J			
	MW-5B	Apr-25																
	MW-5C	Apr-19		0.00761	0.0128			0.000815 JB		<0.0150	<0.000240	**0.956**			<0.000380			
	MW-5C	Apr-21		**0.133**	0.0105 J			<0.00124		0.0358 J	<0.000849	**3.21**			0.00134 J			
	MW-5C	Mar-23		**0.0104**	0.0143			0.00248		0.687	<0.000849	**1.03**			<0.000300			
	MW-5C	Apr-25																
	MW-6A	Apr-22		0.00490	0.0125			0.00158 J		0.493	<0.000849	**0.280**			0.000882 J			
	MW-6A	Mar-23		0.00635	0.0152			<0.00124		0.958	<0.000849	**0.701**			0.000597 J			
	MW-6A	Apr-24		0.00429	0.0132			<0.00124		0.620	<0.000849	**0.269**			0.000715 J			
	MW-6A	Apr-25																
	MW-6B	Apr-19		**0.0303**	0.0141			<0.000540		<0.0150	0.000822 J	**2.38**			<0.000380			
	MW-6B	Apr-21		**0.0344**	0.0147 J			<0.00124		<0.0281	0.00128 J	**2.31**			<0.000300			
	MW-6B	Mar-23		**0.0394**	0.0151			<0.00124		**1.70**	<0.000849	**3.05**			<0.000300			
	MW-6B	Apr-25																
	MW-7A	Mar-23		**0.0124**	0.0157			0.00157 J		**1.59**	<0.000849	**0.407**			0.000357 J			
	MW-7A	Mar-23	FD	**0.0128**	0.0157			<0.00124		**1.67**	<0.000849	**0.396**			0.000375 J			
	MW-7A	Oct-23																
	MW-7A	Oct-23	FD															
	MW-7A	Apr-24		**0.0129**	0.0126			<0.00124		**1.98**	<0.000849	**0.383**			0.000366 J			
	MW-7A	Apr-24	FD	**0.0144**	0.0154			<0.00124		**2.32**	<0.000849	**0.442**			0.000419 J			
	MW-7A	Oct-24																
	MW-7A	Oct-24	FD															
	MW-7A	Apr-25																
	MW-7A	Apr-25	FD															
	MW-7A	Oct-25																
	MW-7A	Oct-25	FD															
	MW-7B	Apr-19		0.00346	0.0107			<0.000540		<0.0150	0.000722 J	**0.486**			<0.000380			
	MW-7B	Apr-21		0.00383	0.0122 J			<0.00124		<0.0281	<0.000849	**0.594**			<0.000300			
	MW-7B	Mar-23		0.00464	0.0128			<0.00124		0.141	<0.000849	**0.659**			<0.000300			
	MW-7B	Apr-25																
	MW-10	Mar-23		**0.0136**	0.0139			<0.00124		0.284 B	<0.000849	**1.86**			0.000461 J			
	MW-10	Oct-23																
	MW-10	Apr-24		**0.0126**	0.0132			<0.00124		0.187	<0.000849	**2.70**			<0.000300			
	MW-10	Oct-24																
	MW-10	Apr-25																
	MW-10	Oct-25																
	MW-11A	Apr-24		<0.000900	0.0286			<0.00620		0.219 J	<0.00424	0.0714			<0.00150			
	MW-11A	Oct-24																
	MW-11A	Apr-25																
	MW-11A	Oct-25																

Evaporation Ponds

Appendix B, Table B.3 - Summary of Groundwater Analytical Data - Dissolved Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Chromium	Cobalt	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-47-3	7440-48-4	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	WQCC Irr	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
Evaporation Ponds	MW-11B	Apr-19		0.00108 J	0.0185			<0.000540		<0.0150	0.000794 JB	**0.372**			<0.000380		
	MW-11B	Apr-21		0.00133 J	0.0172 J			<0.00124		<0.0281	<0.00424	**0.385**			0.000363 J		
	MW-11B	Mar-23		0.00376	0.0182			<0.00124		**3.78**	<0.000849	**0.381**			<0.000300		
	MW-11B	Apr-25															
	MW-15	Apr-22		**0.0234**	0.0150			<0.00124		<0.0281	<0.000849	0.0321			0.000731 J		
	MW-15	Mar-23		**0.0239**	0.0165			<0.00124		<0.0281	<0.000849	0.0325			0.000955 J		
	MW-15	Apr-24		**0.0171**	0.0190			<0.00124		<0.0281	<0.000849	0.0487			0.000736 J		
	MW-15	Apr-25															
	MW-18A	Mar-23		0.00481	0.0164	**1.86**	<0.000150	<0.00124	0.000453 J	<0.0281	<0.00424	0.0680	<0.000100	0.0101	0.000690 J	0.0237	0.00121 J
	MW-18A	Oct-23															
	MW-18A	Apr-24		0.00420	0.0164	**2.01**	<0.000150	<0.00124	0.000302 J	<0.0281	<0.000849	0.0569	<0.000100	0.0104 B	0.000613 J	0.0262	<0.000664
	MW-18A	Oct-24															
	MW-18A	Apr-25															
	MW-18A	Oct-25															
	MW-18B	Apr-19		**0.0105**	0.0136			0.00157 J		0.0189 J	<0.000240	**0.896**			0.000617 J		
	MW-18B	Apr-21		0.00878	0.0146 J			<0.00124		<0.0281	0.00464	**1.09**			<0.000300		
	MW-18B	Mar-23		0.00912	0.0126			<0.00124		0.0380 J	<0.000849	**1.16**			<0.000300		
	MW-18B	Apr-25															
	MW-22A	Mar-23		**0.0316**	0.0172			0.00479		<0.0281	<0.000849	0.0875			0.0239		
	MW-22A	Mar-23	FD	**0.0307**	0.0169			0.00492		<0.0281	<0.00424	0.0893			0.0233		
	MW-22A	Oct-23															
	MW-22A	Oct-23	FD														
	MW-22A	Apr-24		**0.0241**	0.0116			<0.00124		0.0839 J	<0.000849	**0.357**			0.00150 J		
	MW-22A	Apr-24	FD	**0.0232**	0.0111			<0.00124		0.0858 J	<0.000849	**0.365**			0.00195 J		
	MW-22A	Oct-24															
	MW-22A	Oct-24	FD														
	MW-22A	Apr-25															
	MW-22A	Apr-25	FD														
	MW-22A	Oct-25															
	MW-22A	Oct-25	FD														
	MW-22B	Apr-19		**0.0270**	0.0130			0.00147 J		0.0304 J	<0.000240	**4.13**			0.000414 J		
	MW-22B	Apr-21		**0.0236**	0.0125 J			<0.00124		<0.0281	<0.000849	**4.79**			0.00110 J		
	MW-22B	Mar-23		**0.0259**	0.0121			<0.00124		**1.56**	<0.000849	**4.58**			0.000763 J		
	MW-22B	Apr-25															
	MW-70	Mar-23		**0.0153**	0.0150			<0.00124		0.202	<0.000849	0.0978			<0.000300		
	MW-70	Oct-23															
	MW-70	Apr-24		**0.0149**	0.0146			<0.00124		0.457	<0.000849	0.0480			<0.000300		
	MW-70	Oct-24															
	MW-70	Apr-25															
	MW-70	Oct-25															
	MW-72	Apr-22		0.00474	0.0120			<0.00124		0.522	<0.000849	**0.760**			0.00151 J		
	MW-72	Mar-23		0.00448	0.00995			<0.00124		0.368	<0.000849	**0.747**			0.00232		
	MW-72	Apr-24		0.00507	0.0107			<0.00124		0.379	<0.000849	**0.420**			0.00179 J		
	MW-72	Apr-25															
	MW-73	Apr-22		**0.0376**	0.00947			<0.00124		0.858	<0.000849	**0.341**			0.00126 J		
	MW-73	Mar-23		**0.0380**	0.00765			<0.00124		0.632 B	<0.000849	**0.312**			0.00143 J		
	MW-73	Apr-24		**0.0343**	0.00892			<0.00124		**1.05**	<0.000849	**0.590**			0.00107 J		
	MW-73	Apr-25															
	MW-74	Mar-23		**0.0915**	0.0123			<0.00124		<0.0281	<0.000849	**1.88**			0.0105		
	MW-74	Oct-23															
	MW-74	Apr-24		**0.0962**	0.0138			<0.00124		0.0335 J	<0.000849	**2.21**			0.00626		
	MW-74	Oct-24															
	MW-74	Apr-25															
	MW-74	Oct-25															
	MW-75	Mar-23		**0.101**	0.0148			0.00205		0.301 B	<0.000849	**1.20**			0.00243		
	MW-75	Oct-23															
	MW-75	Apr-24		<0.000180	0.000898 J			0.00224		<0.0281	<0.000849	0.00571			<0.000300		
	MW-75	Oct-24															
	MW-75	Apr-25															
	MW-75	Oct-25															
	MW-76	Mar-23		**0.0152**	0.0130			<0.00124		**1.17**	<0.000849	**0.709**			0.00102 J		
	MW-76	Oct-23															
	MW-76	Apr-24		**0.0143**	0.0153			<0.00124		**1.30**	<0.000849	**0.684**			0.00123 J		
	MW-76	Oct-24															
	MW-76	Apr-25															
	MW-76	Oct-25															
	MW-77	Apr-22		**0.0230**	0.0166			0.0416		**1.07**	<0.000849	**0.557**			0.0238		
	MW-77	Mar-23		**0.0257**	0.0166			0.0260		**1.50**	<0.000849	**0.590**			0.00967		
	MW-77	Apr-24		**0.0187**	0.0148			0.0329		0.198	<0.000849	**0.480**			0.0144		
	MW-77	Apr-25															
	MW-78	Apr-22		0.00710	0.0483			**0.143**		0.0706 J	<0.000849	**0.257**			0.00818		
	MW-78	Mar-23		0.00668	0.0454			**0.0994**		0.0379 JB	0.00120 J	0.171			0.00988		
	MW-78	Apr-24		0.00666	0.0424			**0.105**		0.0737 J	<0.000849	**0.269**			0.00797		
	MW-78	Apr-25															
	MW-79	Mar-23		0.00350	0.0140			<0.00124		0.0441 JB	<0.000849	**0.273**			0.00128 J		
	MW-79	Oct-23															
	MW-79	Apr-24		0.00460	0.0142			<0.00124		<0.0281	<0.000849	**0.259**			0.0118		
	MW-79	Oct-24															
	MW-79	Apr-25															
	MW-79	Oct-25															
	MW-80	Apr-22		0.00174 J	0.0120			<0.00124		0.0560 J	<0.000849	0.125			0.000603 J		
	MW-80	Mar-23		0.00198 J	0.0133			<0.00124		<0.0281	<0.000849	0.0552			0.000996 J		
	MW-80	Apr-24		0.00120 J	0.0143			<0.00124		<0.0281	<0.000849	0.0124			0.000431 J		
	MW-80	Apr-25															
	MW-81	Apr-22		0.00596	0.0134			<0.00124		<0.0281	<0.000849	0.0526			0.0116		
	MW-81	Mar-23		0.00652	0.0133			<0.00124		<0.0281	0.00108 J	0.0208			0.0114		
	MW-81	Apr-24		0.00627	0.0132			<0.00124		<0.0281	<0.000849	0.0121			0.0101		
	MW-81	Apr-25															
	MW-82	Apr-22		**0.0190**	0.0233			<0.00124		0.103	<0.000849	**2.60**			0.00103 J		
	MW-82	Mar-23		**0.0198**	0.0228			<0.00124		0.122 B	<0.000849	**2.55**			0.000990 J		
	MW-82	Apr-24		**0.0151**	0.0219			<0.00124		0.0473 J	<0.000849	**2.81**			0.000642 J		
	MW-82	Apr-25															
	MW-83	Mar-23		**0.0488**	0.0203			0.00173 J		<0.0281	<0.000849	**0.414**			0.00875		
	MW-83	Oct-23															
	MW-83	Apr-24		**0.0270**	0.0217			0.00264		0.214	<0.000849	**0.242**			0.00306		
	MW-83	Oct-24															
	MW-83	Apr-25															
	MW-83	Oct-25															
	MW-84	Mar-23		**0.0907**	0.0122			0.00492		0.513 B	<0.000849	**2.39**			0.00768		
	MW-84	Oct-23															
	MW-84	Apr-24		**0.0864**	0.0109			0.00631 J		0.898	<0.00424	**2.23**			0.00571 J		
	MW-84	Oct-24															
	MW-84	Apr-25															
	MW-84	Oct-25															
	MW-86	Jun-20		**0.102**	0.0223	0.617	<0.000478	**0.0508**	<0.000477	0.944	<0.00249	0.155	0.000109 J	0.00699	0.00794	<0.00754	0.0206
	MW-86	Oct-20															

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Appendix B, Table B.3 - Summary of Groundwater Analytical Data - Dissolved Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Chromium	Cobalt	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-47-3	7440-48-4	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	WQCC Irr	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
Evaporation Ponds	MW-87	Mar-23		0.00458	0.0151			<0.00124		0.0502 J	<0.000849	0.0285			0.000384 J		
	MW-87	Oct-23															
	MW-87	Apr-24		0.00441	0.0141			<0.00124		<0.0281	<0.000849	0.0293			0.000498 J		
	MW-87	Oct-24															
	MW-87	Apr-25															
	MW-87	Oct-25															
	MW-88	Mar-23		0.00823	0.00971			<0.00124		0.0763 JB	<0.000849	**0.913**			<0.000300		
	MW-88	Oct-23															
	MW-88	Apr-24		0.00916	0.0118			<0.00124		0.0933 J	<0.000849	**1.03**			<0.000300		
	MW-88	Oct-24															
	MW-88	Apr-25															
	MW-88	Oct-25															
	MW-120	Mar-23		**0.0181**	0.0115			<0.00124		**2.66**	<0.000849	**1.21**			0.00261		
	MW-120	Oct-23															
	MW-120	Apr-24		0.00453	0.0136			<0.00124		0.703	<0.000849	**0.284**			0.000582 J		
	MW-120	Oct-24															
	MW-120	Apr-25															
	MW-120	Oct-25															
	MW-121	Mar-23		**0.0241**	0.0152			<0.00124		0.0902 J	<0.000849	**1.97**			0.00513		
	MW-121	Oct-23															
	MW-121	Apr-24		**0.0228**	0.0108			<0.00124		<0.0281	<0.000849	**1.29**			0.00333		
	MW-121	Oct-24															
	MW-121	Apr-25															
	MW-121	Oct-25															
	MW-122	Mar-23		0.00211	0.0332			<0.00124		0.697	<0.000849	**1.41**			<0.000300		
	MW-122	Oct-23															
	MW-122	Apr-24		0.00100 J	0.0206			<0.00124		0.362	<0.000849	0.183			<0.000300		
	MW-122	Oct-24															
	MW-122	Apr-25															
	MW-122	Oct-25															
	MW-123	Mar-23		**0.0172**	0.0290			<0.00124		<0.0281	<0.000849	**3.19 V**			<0.000300		
	MW-123	Oct-23															
	MW-123	Apr-24		**0.0166**	0.0268			<0.00124		0.0492 J	<0.000849	**3.45**			<0.000300		
	MW-123	Oct-24															
	MW-123	Apr-25															
	MW-123	Oct-25															
	MW-124	Mar-23		0.000635 J	0.0164			<0.00124		0.222	<0.000849	**0.298**			<0.000300		
	MW-124	Oct-23															
	MW-124	Apr-24		0.000744 J	0.0163			<0.00124		**1.74**	<0.000849	**0.272**			<0.000300		
	MW-124	Oct-24															
	MW-124	Apr-25															
	MW-124	Oct-25															
	OCD-1R	Mar-23		**0.0209**	0.0259			<0.00124		**8.02**	<0.000849	**2.98**			0.000329 J		
	OCD-1R	Oct-23															
	OCD-1R	Apr-24		**0.0141**	0.0238			<0.00124		**5.72**	<0.000849	**1.87**			<0.000300		
	OCD-1R	Oct-24															
	OCD-1R	Apr-25															
	OCD-1R	Oct-25															
	OCD-2A	Mar-23		0.00127 J	0.0240			<0.00124		**1.31**	<0.000849	**0.971**			0.000351 J		
	OCD-2A	Oct-23															
	OCD-2A	Apr-24		0.00207	0.0231			<0.00124		**4.34**	<0.000849	**1.80**			<0.000300		
	OCD-2A	Oct-24															
	OCD-2A	Apr-25															
	OCD-2A	Oct-25															
	OCD-3	Mar-23		0.000867 J	0.0224			<0.00124		0.118	<0.000849	**0.365**			<0.000300		
	OCD-3	Oct-23															
	OCD-3	Apr-24		0.000852 J	0.0245			<0.00124		0.400	<0.000849	**0.484**			<0.000300		
	OCD-3	Oct-24															
	OCD-3	Apr-25															
	OCD-3	Oct-25															
	OCD-4	Mar-23		0.00120 J	0.0236			<0.00124		0.468	<0.000849	0.0747			<0.000300		
	OCD-4	Oct-23															
	OCD-4	Apr-24		0.00189 J	0.0207			<0.00620		**1.28**	<0.00424	0.141			<0.00150		
	OCD-4	Oct-24															
	OCD-4	Apr-25															
	OCD-4	Oct-25															
	OCD-5	Mar-23		0.00759	0.0235			<0.00124		**1.16**	<0.000849	0.183			<0.000300		
	OCD-5	Oct-23															
	OCD-5	Apr-24		0.00641 J	0.0207			<0.00620		**1.57**	<0.00424	0.195			<0.00150		
	OCD-5	Oct-24															
	OCD-5	Apr-25															
	OCD-5	Oct-25															
	OCD-6	Mar-23		0.00592	0.0230			<0.00124		0.715	<0.00424	**2.30**			0.000795 J		
	OCD-6	Oct-23															
	OCD-6	Apr-24		0.00485	0.0114			<0.00124		0.293	<0.000849	**0.260**			0.00237		
	OCD-6	Oct-24															
	OCD-6	Apr-25															
	OCD-6	Oct-25															
	OCD-7AR	Mar-23		**0.0384**	0.0128			<0.00124		0.113	<0.00424	**2.80**			0.00126 J		
	OCD-7AR	Oct-23															
	OCD-7AR	Apr-24		0.00791	0.0228			<0.00124		0.905	<0.000849	**2.11**			0.000745 J		
	OCD-7AR	Oct-24															
	OCD-7AR	Apr-25															
	OCD-7AR	Oct-25															
	OCD-7B	Apr-19		0.000838 J	0.0163			<0.000540		<0.0150	<0.000240	**0.561**			0.000672 J		
	OCD-7B	Apr-21		0.00122 J	0.0161 J			<0.00124		<0.0281	<0.000849	**0.706**			<0.000300		
	OCD-7B	Mar-23		0.00222	0.0159			<0.00124		**4.26**	<0.000849	**0.702**			<0.000300		
	OCD-7B	Apr-25															
	OCD-8A	Mar-23		**0.0290**	0.0174	**0.878**	<0.000150	<0.00124	0.00140 J	**1.02**	<0.00424	**1.19**	<0.000100	0.0328	0.00122 J	0.00471 J	0.000846 J
	OCD-8A	Oct-23															
	OCD-8A	Apr-24		**0.0676 O1**	0.0157 J5	**0.846**	<0.000750	0.0160 J6	0.00144 J	**4.17 O1**	<0.00424	**3.10 V**	<0.00100	0.0225	<0.00150	0.00220 JJ4	<0.00332
	OCD-8A	Oct-24															
	OCD-8A	Apr-25															
	OCD-8A	Oct-25															
	OCD-8B	Apr-19		0.00878	0.0133			0.000655 J		<0.0150	0.000266 JB	**6.75 V**			0.00108 J		
	OCD-8B	Apr-21		0.00956	0.0129 J			<0.00124		<0.0281	<0.000849	**6.32**			<0.000300		
	OCD-8B	Mar-23		0.00975	0.0137			<0.00124		0.148	<0.000849	**7.48**			0.000345 J		
	OCD-8B	Apr-25															
Field East of Refinery	KWB-1A	Mar-23		0.00367	0.00914	0.712	<0.000150	<0.00124 J4	0.00644	0.0355 JB	<0.000849	**0.414**	<0.000100	0.00776	<0.000300	0.0103	0.0197
	KWB-1A	Oct-23															
	KWB-1A	Apr-24		0.00339	0.00909	0.686	<0.000150	<0.00124	0.00598	0.0481 J	<0.000849	**0.372**	<0.000100 3J6O	0.00739 B	<0.000300	0.00823	0.0179
	KWB-1A	Oct-24															
	KWB-1C	Apr-19		0.00331	0.00878			0.000616 J		<0.0150	0.000282 J	**0.461**			0.000518 J		
	KWB-1C	Apr-21		0.00315	0.0100 J			<0.00124		<0.0281	<0.000849	**0.400**			<0.000300		
	KWB-1C	Mar-23		0.00374	0.00964			<0.00124 J4		<0.0281	<0.000849	**0.435**			<0.000300		
	KWB-1C	Apr-25															

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Appendix B, Table B.3 - Summary of Groundwater Analytical Data - Dissolved Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Total Metals												
Analyte Group																
Analyte				Arsenic	Barium	Boron	Cadmium	Chromium	Cobalt	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
CAS				7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-47-3	7440-48-4	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CGWSL				0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
CGWSL Source				WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	WQCC Irr	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	Well ID	Date	Dup														
Field East of Refinery	KWB-3AR	Apr-25															
	KWB-3AR	Nov-25															
	KWB-7	Mar-23		0.000301 J	0.0644	0.445	<0.000150	<0.00124	<0.0000596	<0.0281	<0.000849	**1.74**	<0.000100	<0.000816	<0.000300	0.000391 J	0.00180 J
	KWB-7	Oct-23															
	KWB-7	Apr-24		0.000186 J	0.0340	0.442	<0.000150	<0.00124	<0.0000596	0.0284 J	<0.000849	**1.58**	<0.000100	<0.000816	<0.000300	0.000447 J	0.00104 J
	KWB-7	Oct-24															
	KWB-7	Oct-25															
	KWB-8	Apr-17		0.000904 J	0.0870	0.600	<0.000160	<0.000540	<0.000260	0.0772 J	0.000556 J	**1.77**	<0.0000490	0.000663 J	<0.000380	<0.000330	0.00112 J
	KWB-8	Oct-17															
	KWB-8	Oct-20															
	KWB-10R	Apr-17		**0.0115**	**3.39**			<0.000540		0.281	0.000478 J	0.145			<0.000380		
	KWB-10R	Oct-17															
	KWB-10R	Apr-18		**0.0178**	**4.22**			0.00201		**4.73**	0.00295	0.182			<0.000380		
	KWB-10R	Oct-18															
	KWB-11A	Mar-23		0.00589	0.0321	0.384	<0.000150	<0.00124	0.000265 J	**8.53**	<0.000849	**0.975**	<0.000100	0.00105 J	0.000343 J	0.00560	0.00400 J
	KWB-11A	Oct-23															
	KWB-11A	Apr-24		0.00124 J	0.0247	0.380	<0.000150	<0.00124	0.0000919 J	**8.19**	<0.000849	**0.905**	<0.000100	<0.000816	<0.000300	0.00484	0.00275 J
	KWB-11A	Oct-24															
	KWB-11A	Apr-25															
	KWB-11A	Oct-25															
	KWB-11B	Mar-23		0.00147 J	0.0145	0.120 J	<0.000150	<0.00124	<0.0000596	<0.0281	<0.000849	0.00220 J	<0.000100	<0.000816	0.00636	0.0145	0.00937
	KWB-11B	Oct-23															
	KWB-11B	Apr-24		0.00161 J	0.0128	0.133 J	<0.000150	<0.00124	<0.0000596	<0.0281	<0.000849	0.00280 J	<0.000100	<0.000816	0.00491	0.0152	0.00932
	KWB-11B	Oct-24															
	KWB-11B	Apr-25															
	KWB-11B	Oct-25															
	KWB-12A	Sep-21															
	KWB-12A	Oct-22															
	KWB-12A	Oct-23															
	KWB-12A	Oct-24															
	KWB-12B	Mar-23		0.00192 JB	0.0102	0.639	<0.000150	<0.00124 J4	<0.0000596	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.00260	0.0300	0.0148 B
	KWB-12B	Mar-23	FD	0.00183 JB	0.0103	0.628	<0.000150	<0.00124 J4	<0.0000596	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.00268	0.0293	0.0146 B
	KWB-12B	Oct-23															
	KWB-12B	Oct-23	FD														
	KWB-12B	Apr-24		0.00179 J	0.0103	0.650	<0.000150	<0.00124	0.000103 J	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.00207	**0.0308**	0.0134
	KWB-12B	Apr-24	FD	0.00162 J	0.0104	0.696	<0.000150	<0.00124	<0.0000596	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.00193 J	0.0286	0.0132
	KWB-12B	Oct-24															
	KWB-12B	Oct-24	FD														
	KWB-12B	Apr-25															
	KWB-12B	Apr-25	FD														
	KWB-12B	Oct-25															
	KWB-12B	Oct-25	FD														
	KWB-P4	Apr-19															
	KWB-P4	Apr-21															
	KWB-P4	Mar-23															
	KWB-P4	Apr-25															
	MW-57	Oct-20															
	MW-57	Apr-21		0.00345	0.0226			<0.00124		<0.0281	<0.000849	0.158			0.0143		
	MW-57	Sep-21															
	MW-57	Apr-22		0.00602	0.0148			<0.00124		0.0715 J	<0.000849	**0.500**			0.00952		
	MW-58	Oct-17															
	MW-58	Apr-18		0.00405	1.47	0.517	<0.000160	<0.000540	<0.000260	0.160 B	0.000816 J	**0.219**	<0.0000490	0.000927 J	0.000412 J	<0.000330	0.00108 J
	MW-58	Oct-18															
	MW-58	Oct-19															
	MW-111	Oct-18															
	MW-111	Apr-19		0.00770	0.205			<0.000540		<0.0150	0.000380 JB	**1.39**			0.000475 J		
	MW-111	Oct-19															
	MW-111	Jun-20		**0.0170**	0.167			<0.00149		**5.34**	<0.00249	**1.62**			<0.000657		
	MW-112	Nov-14															
	MW-113	Mar-23		0.000375 J	0.0521			<0.00124		0.466	<0.000849	**0.928**			<0.000300		
	MW-113	Mar-23	FD	0.000252 J	0.0500			<0.00124		0.450	<0.000849	**0.897**			0.000560 J		
	MW-113	Oct-23															
	MW-113	Oct-23	FD														
	MW-113	Apr-24		0.000342 J	0.0845			<0.00124		0.212	<0.000849	**0.937**			<0.000300		
	MW-113	Apr-24	FD	0.000422 J	0.0752			<0.00124		0.173	<0.000849	**0.769**			<0.000300		
	MW-113	Oct-24															
	MW-113	Oct-24	FD														
	MW-113	Apr-25															
	MW-113	Apr-25	FD														
	MW-113	Oct-25															
	MW-113	Oct-25	FD														
	MW-125	Mar-23		0.00348	0.00912	0.450	<0.000150	<0.00124	0.00552	<0.0281	<0.000849	**0.377**	<0.000100	0.00811	0.000817 J	**0.0343**	0.0174
	MW-125	Oct-23															
	MW-125	Apr-24		0.00348	0.00885	0.417	<0.000150	<0.00124	0.00522	<0.0281	<0.000849	**0.365**	<0.000100	0.00880	0.000403 J	**0.0306**	0.0167
	MW-125	Oct-24		0.00337		0.416				<0.0281		**0.348**				**0.0313**	
	MW-125	Apr-25		0.00331		0.410				0.102		**0.366**				**0.0322**	
	MW-125	Oct-25		0.00350		0.337				<0.0226		**0.375**				**0.0312**	
	MW-126A	Apr-19		0.00116 J	0.0167			0.00243		0.0168 J	<0.000240	**0.701**			<0.000380		
	MW-126A	Oct-19															
	MW-126A	Jun-20		0.00101 J	0.0135 J			<0.00149		0.350	<0.00249	**0.620**			<0.000657		
	MW-126A	Oct-20															
	MW-126B	Mar-23		0.00416	0.00929			<0.00124 J4		<0.0281	<0.000849	0.0538			0.00281		
	MW-126B	Oct-23															
	MW-126B	Apr-24		0.00434	0.0132			0.00184 J		0.898	<0.000849	0.0504			0.00316		
	MW-126B	Oct-24															
	MW-126B	Apr-25															
	MW-126B	Oct-25															
	MW-127	Oct-17															
	MW-127	Apr-18		0.00350	0.0793			<0.000540		0.0507 JB	<0.000240	0.108			<0.000380		
	MW-127	Oct-18															
	MW-127	Apr-19		0.00422	0.0905			<0.000540		<0.0150	<0.000240	0.110			0.000503 J		
	MW-128	Oct-17															
	MW-128	Apr-18		**0.0530**	0.0634			<0.000540		**2.60**	0.000403 JB	**1.93**			<0.000380		
	MW-128	Oct-18															
	MW-128	Apr-19		**0.0239**	0.0554			<0.000540		<0.0150	<0.000240	**1.74**			<0.000380		
	MW-129	Apr-15		**0.0279**	0.536			<0.000540		**4.93**	<0.000240	**1.11**			<0.000380		
	MW-129	Oct-15															
	MW-129	Apr-17		**0.0152**	0.585			<0.000540		<0.0150	<0.000240	**1.03**			0.000611 JB		
	MW-129	Apr-18		**0.0244**	0.558			<0.000540		**5.17**	<0.000240	**1.08**			<0.000380		
	MW-130	Mar-23		0.00375	0.0173			<0.00124		<0.0281	<0.000849	0.0935			0.00289		
	MW-130	Oct-23															
	MW-130	Apr-24		0.00344	0.0158			<0.00124		<0.0281	<0.000849	0.0911			0.00159 J		
	MW-130	Oct-24															
	MW-130	Apr-25															
	MW-130	Oct-25															

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Appendix B, Table B.3 - Summary of Groundwater Analytical Data - Dissolved Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Chromium	Cobalt	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-47-3	7440-48-4	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	WQCC Irr	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
Field East of Refinery	MW-131	Apr-17		**0.0183**	**2.48**			<0.000540		<0.0150	<0.000240	**0.309**				0.000632 JB		
	MW-131	Oct-17																
	MW-131	Oct-19																
	MW-131	Jun-20		**0.0237**	**2.32**			<0.00149		**1.30**	<0.00249	**0.300**				<0.000657		
	MW-133	Nov-14																
	MW-133	Apr-15		**0.0102**	0.138			<0.000540		**2.59**	0.000513 J	**0.290**				0.00325		
	MW-134	Mar-23		0.00403	0.00986			<0.00124		0.0469 J	<0.000849	0.192				0.00387		
	MW-134	Mar-23	FD	0.00404	0.0100			<0.00124		0.0493 J	<0.000849	0.196				0.00352		
	MW-134	Oct-23																
	MW-134	Oct-23	FD															
	MW-134	Apr-24		0.00399	0.0106	0.719	<0.000150	0.00207		0.000149 J	<0.0281	<0.000849	0.0133	<0.000100	0.00197 J	0.00672	**0.0481 J4**	0.0218
	MW-134	Apr-24	FD	0.00334	0.00869	0.715	<0.000150	<0.00124		0.000118 J	<0.0281	<0.000849	0.0101	<0.000100	0.00224	0.00448	**0.0396**	0.0174
	MW-134	Oct-24																
	MW-134	Oct-24	FD															
	MW-134	Apr-25																
	MW-134	Apr-25	FD															
	MW-134	Oct-25																
	MW-134	Oct-25	FD															
	MW-135	Mar-23		0.00288	0.00664			<0.00124		<0.0281	<0.000849	<0.000704				0.0231		
	MW-135	Oct-23																
	MW-135	Apr-24		0.00330	0.00793			<0.00124		<0.0281	<0.000849	<0.000704				0.0189		
	MW-135	Oct-24																
	MW-135	Apr-25																
	MW-135	Oct-25																
	MW-145	Mar-23		0.00342	0.00861			<0.00124		<0.0281	0.00113 J	0.0250				0.00243		
	MW-145	Oct-23																
	MW-145	Apr-24		0.00365	0.00918			<0.00124		<0.0281	<0.000849	0.0286				0.00258		
	MW-145	Oct-24																
	MW-145	Apr-25																
	MW-145	Oct-25																
	MW-146	Mar-23		0.00428	0.00776			<0.00124		<0.0281	<0.000849	0.000794 J				0.00670		
	MW-146	Mar-23	FD	0.00420	0.00804			<0.00124		<0.0281	<0.000849	<0.000704				0.00637		
	MW-146	Oct-23																
	MW-146	Oct-23	FD															
	MW-146	Apr-24		0.00458	0.00917			<0.00124		<0.0281	<0.000849	<0.000704				0.00532		
	MW-146	Apr-24	FD	0.00449	0.00839			<0.00124		<0.0281	<0.000849	0.000737 J				0.00513		
	MW-146	Oct-24																
	MW-146	Oct-24	FD															
	MW-146	Apr-25																
	MW-146	Apr-25	FD															
	MW-146	Oct-25																
	MW-146	Oct-25	FD															
	MW-147	Mar-23		0.00262	0.00777			<0.00124		<0.0281	<0.000849	<0.000704				0.0182		
	MW-147	Oct-23																
	MW-147	Apr-24		0.00265	0.00749			<0.00124		<0.0281	<0.000849	<0.000704				0.0130		
	MW-147	Oct-24																
	MW-147	Apr-25																
	MW-148	Mar-23		0.00297	0.0102			<0.00124		<0.0281	0.000858 J	0.000780 J				0.0134		
	MW-148	Oct-23																
	MW-148	Apr-24		0.00296	0.00920			<0.00124		<0.0281	0.00139 JB	<0.000704				0.0110		
	MW-148	Oct-24																
	MW-148	Apr-25																
	MW-148	Oct-25																
	MW-151	Oct-24																
	MW-151	Apr-25																
	MW-160	Oct-24																
	MW-160	Apr-25																
	MW-160	Oct-25																
	MW-161	Oct-24																
	MW-161	Apr-25																
	MW-161	Oct-25																
	RA-1227	Apr-25																
	RA-4196	Oct-19																
	RA-4196	Jun-20																
	RA-4196	Oct-20																
	RA-4196	Mar-23																
	RA-4196R	Oct-23																
	RA-4196R	Apr-24																
	RA-4196R	Oct-24																
	RA-4196R	Apr-25																
	RA-4196R	Oct-25																
	RA-4798	Oct-20																
	RA-4798	Apr-21																
	RA-4798	Sep-21																
	RA-4798	Apr-22																
	RW-12R	Apr-17		0.000617 J	0.0410			0.0230		<0.0150	0.000776 J	**0.425**				0.000720 JB		
	RW-12R	Apr-18		<0.00125	0.0341			0.00339 J		<0.0750	<0.00120	**0.760**				<0.00190		
	RW-12R	Apr-19		<0.000250	0.0317 O1			0.00286		<0.0150	0.000497 JB	**1.20 O1V**				<0.000380		
	RW-12R	Jun-20		<0.000735	0.0348			0.0266		<0.0489	<0.00249	**1.41**				<0.000657		
	RW-13R	Apr-18		<0.00125	0.0490			<0.00270		0.352 J	<0.00120	**1.03**				<0.00190		
	RW-13R	Mar-23		0.00117 J	0.188			0.00150 J		0.0316 J	0.00188 J	**0.824**				<0.000300		
	RW-13R	Apr-25																
	RW-18A	Apr-18		0.00355	0.0118			<0.000540		<0.0150	<0.000240	0.00395 J				0.00389		
	RW-18A	Apr-19		0.00289	0.0116			<0.000540		<0.0150	<0.000240	0.00167 JB				0.00404		
	RW-18A	Jun-20		0.00253	0.0103 J			<0.00149		0.0508 J	<0.00249	0.00789				0.00517		
	RW-18A	Mar-23		0.00268	0.0127	0.581	<0.000150	<0.00124		0.000193 J	<0.0281	<0.000849	0.00355 J	<0.000100	0.00102 J	0.00770	**0.0596**	0.0189
	RW-20B	Apr-15		0.00171 J	0.464			<0.000540		0.270	<0.000240	**0.717**				0.00488		
	RW-22	Apr-15		<0.00250	0.802			<0.00540		0.394 J	0.00305 J	**0.886**				0.0326		
NCL	MW-18	Apr-22		0.00274	0.0117	**2.17**	<0.000150	<0.00124		<0.0000596	<0.0281	<0.000849	0.0178	<0.000100	0.00189 J	0.00410	**0.0433**	0.0190
	MW-18	Mar-23		0.00287	0.0137	**1.82**	<0.000150	<0.00124		0.0000811 J	<0.0281	0.00288	0.00294 J	<0.000100	0.00141 J	0.00486	**0.0405**	0.0176
	MW-18	Apr-24		0.00270	0.0133	**1.50**	<0.000150	<0.00124		0.000125 J	<0.0281	<0.000849	0.0228	<0.000100 J6O1	0.00195 J	0.00497	**0.0399**	0.0178
	MW-18	Apr-25																
	MW-45	Mar-23		0.00660	0.0135	0.584	<0.000150	<0.00124		<0.0000596	**4.21**	<0.000849	**0.607**	<0.000100	0.00491	0.000515 J	0.000476 J	<0.000664
	MW-45	Oct-23																
	MW-45	Apr-24		0.00427	0.0119	0.558	<0.000150	<0.00124		0.000171 J	0.902	<0.000849	**0.538**	<0.000100	0.00425	0.000566 J	0.000522 J	0.000909 J
	MW-45	Oct-24																
	MW-45	Apr-25																
	MW-45	Oct-25																
	MW-53	Apr-15		0.00167 J	0.0212			<0.000540		<0.0150	<0.000240	**0.797**				0.00627		
	MW-53	Apr-17		0.00162 J	0.0210			<0.000540		<0.0150	<0.000240	**1.50**				0.00293		
	MW-53	Apr-18		0.00144 J	0.0197			<0.000540		<0.0150	<0.000240	**0.437**				0.00109 J		
	MW-53	Apr-19		0.00170 J	0.0153			<0.000540		0.0285 JB	<0.000240	**0.380**				0.000569 J		
	MW-53R	Apr-22		0.00179 J	0.0186			<0.00124		<0.0281	<0.000849	**0.455**				<0.000300		
	MW-53R	Mar-23		0.00172 J	0.0177			<0.00124		0.0985 JB	<0.000849	**0.374**				0.000312 J		
	MW-53R	Apr-24		0.00142 J	0.0163			<0.00124		<0.0281	<0.000849	**0.393**				0.000439 J		
	MW-53R	Apr-25																

Appendix B, Table B.3 - Summary of Groundwater Analytical Data - Dissolved Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Chromium	Cobalt	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-47-3	7440-48-4	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	WQCC Irr	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
NCL	MW-54A	Mar-23		0.00259	0.0151			<0.00124		<0.0281	<0.000849	**0.576**			0.00102 J		
	MW-54A	Oct-23															
	MW-54A	Apr-24		0.00387	0.0149			<0.00124		0.0428 J	<0.000849	**0.923**			<0.000300		
	MW-54A	Oct-24															
	MW-54A	Apr-25															
	MW-54A	Oct-25															
	MW-54B	Apr-19		0.00210	0.0158			<0.000540		<0.0150	0.000281 JB	**0.211**			0.000505 J		
	MW-54B	Apr-21		0.00185 J	0.0171 J			0.00150 J		<0.0281	<0.000849	**0.512**			0.000332 J		
	MW-54B	Mar-23		0.00175 J	0.0230			<0.00124		<0.0281	<0.000849	**1.15**			0.000985 J		
	MW-54B	Apr-25															
	MW-55	Mar-23		0.00635	0.0152	0.549	<0.000150	<0.00124	0.000320 J	<0.0281	<0.000849	**0.211**	<0.000100	0.00627	0.00136 J	0.0198	0.0173
	MW-55	Oct-23															
	MW-55	Apr-24		0.00567	0.0127	0.587	<0.000150	<0.00124	0.000298 J	<0.0281	<0.000849	0.176	<0.000100	0.00452	0.000960 J	0.0166	0.0151
	MW-55	Oct-24		0.00523		0.543				<0.0281		**0.249**				0.0187	
	MW-55	Apr-25		0.00565		0.510				0.0313 J		0.181				0.0170	
	MW-55	Oct-25		0.00595		0.496				<0.0226		**0.214**				0.0201	
	MW-56	Mar-23		0.00483	0.00966	0.174 J	<0.000150	<0.00124	0.00428	<0.0281	<0.000849	0.167	<0.000100	0.00575	0.00367	0.00821	0.0191
	MW-56	Apr-24		0.00477	0.00978	0.161 J	<0.000150	<0.00124	0.00388	<0.0281	<0.000849	0.147	<0.000100	0.00430	0.00373	0.00790	0.0170
	MW-56	Oct-24		0.00533		0.167 J				<0.0281		0.145				0.0101	
	MW-56	Apr-25		0.00519		0.172 J				<0.0226		0.132				0.0117	
	MW-56	Oct-25		0.00542		0.146 J				<0.0226		0.108				0.0110	
	MW-108	Mar-23		0.00110 J	0.0467			0.00143 J		<0.0281	<0.000849	0.0379			<0.000300		
	MW-108	Oct-23															
	MW-108	Apr-24		0.000316 J	0.0379			<0.00124		<0.0281	<0.000849	0.0450			<0.000300		
	MW-108	Oct-24															
	MW-108	Apr-25															
	MW-108	Oct-25															
	NCL-31	Mar-23		0.00781	0.0159			<0.00124		0.210 B	<0.000849	**1.49**			<0.000300		
	NCL-31	Oct-23															
	NCL-31	Apr-24		**0.0128**	0.0176			<0.00124		0.369	<0.000849	**1.37**			<0.000300		
	NCL-31	Oct-24															
	NCL-31	Apr-25															
	NCL-31	Oct-25															
	NCL-32	Mar-23		0.00258	0.0160			0.00148 J		<0.0281	0.00111 J	**1.83**			0.00115 J		
	NCL-32	Oct-23															
	NCL-32	Apr-24		0.00242	0.0156			<0.00124		<0.0281	<0.000849	**2.05**			0.00234		
	NCL-32	Oct-24															
	NCL-32	Apr-25															
	NCL-32	Oct-25															
	NCL-33	Mar-23		0.00463	0.0183			0.00131 J		0.506 B	<0.000849	0.147			0.00129 J		
	NCL-33	Oct-23															
	NCL-33	Apr-24		0.00666	0.0185			<0.00124		**3.47**	<0.000849	0.130			0.00122 J		
	NCL-33	Oct-24															
	NCL-33	Apr-25															
	NCL-33	Oct-25															
	NCL-34A	Oct-18															
	NCL-34A	Apr-19		0.000603 J	0.947			<0.000540		<0.0150	<0.000240	0.0159			<0.000380		
	NCL-34A	Oct-19															
	NCL-34A	Jun-20		<0.000735	0.229			<0.00149		<0.0489	<0.00249	0.0415			<0.000657		
	NCL-44	Mar-23		0.00691	0.0165			<0.00124		0.319 B	<0.000849	**0.702**			<0.000300		
	NCL-44	Oct-23															
	NCL-44	Apr-24		0.00754	0.0165			<0.00124		0.408	<0.000849	**0.714**			<0.000300		
	NCL-44	Oct-24															
	NCL-44	Apr-25															
	NCL-44	Oct-25															
	NCL-49	Mar-23		0.00141 J	0.0126			<0.00124		<0.0281	<0.000849	<0.000704			0.0145		
	NCL-49	Mar-23	FD	0.00154 J	0.0134			<0.00124		<0.0281	<0.000849	<0.000704			0.0162		
	NCL-49	Oct-23															
	NCL-49	Oct-23	FD														
	NCL-49	Apr-24		0.00131 J	0.0117			<0.00124		<0.0281	<0.000849	<0.000704			0.0101		
	NCL-49	Apr-24	FD	0.00135 J	0.0122			<0.00124		<0.0281	<0.000849	<0.000704			0.0106		
	NCL-49	Oct-24															
	NCL-49	Oct-24	FD														
	NCL-49	Apr-25															
	NCL-49	Apr-25	FD														
	NCL-49	Oct-25															
	NCL-49	Oct-25	FD														
North Refinery	MW-23	Apr-19		0.00417	**7.78**			<0.000540		<0.0150	0.000775 J	0.0646			0.000900 J		
	MW-23	Oct-19															
	MW-23	Jun-20		0.00639	**9.73**			<0.00149		<0.0489	<0.00249	0.0725			<0.000657		
	MW-23	Oct-20															
	MW-29	Oct-22															
	MW-29	Mar-23		**0.0344**	0.0198	**0.830**	<0.000150	<0.00124	0.000855 J	**10.9**	<0.000849	**0.773**	<0.000100	0.00689	0.00205	0.00878	0.00679
	MW-29	Oct-23															
	MW-29	Apr-24		**0.0210**	0.0210	**0.791**	<0.000150	<0.00124	0.00409	**1.48**	<0.000849	**0.270**	<0.000100	0.0138	0.00315	0.00824	0.00653
	MW-39	Apr-19		0.00759	0.0118			<0.000540		<0.0150	<0.000240	0.0227			0.000391 J		
	MW-39	Oct-19															
	MW-39	Jun-20		0.00754	0.0141 J			<0.00149		<0.0489	<0.00249	0.0417			<0.000657		
	MW-39	Oct-20															
	MW-40	Apr-17		0.00103 J	0.0255			<0.000540		<0.0150	<0.000240	0.0249			<0.000380		
	MW-40	Apr-18		0.00213	0.0247			0.0314		0.143	0.00213	0.0190			0.00164 J		
	MW-40	Apr-19		0.000780 J	0.0199			<0.000540		<0.0150	<0.000240	0.0133			<0.000380		
	MW-40	Jun-20		<0.000735	0.0204			<0.00149		<0.0489	<0.00249	0.0260			<0.000657		
	MW-41	Apr-18		0.00774	0.0206			0.00773		0.0416 J	0.000558 J	**0.996**			0.000464 J		
	MW-41	Apr-19		0.00703	0.0275			<0.000540		<0.0150	0.000393 JB	**0.819**			<0.000380		
	MW-41	Jun-20		**0.0101**	0.0175 J			<0.00149		<0.0489	<0.00249	**0.838**			<0.000657		
	MW-41	Apr-21		**0.0207**	0.0219			<0.00124		0.0325 J	<0.000849	**0.748**			0.000712 J		
	MW-42	Apr-19		0.00472	0.0201			<0.000540		<0.0150	<0.000240	0.104			<0.000380		
	MW-42	Jun-20		0.00551	0.0189 J			<0.00149		<0.0489	<0.00249	0.156			<0.000657		
	MW-42	Apr-21		0.00879	0.0186 J			<0.00124		0.0415 J	<0.000849	**0.340**			<0.000300		
	MW-42	Apr-22		0.00753	0.0194			<0.00124		0.247	<0.000849	0.195			0.000334 J		
	MW-43	Apr-19		0.00728	0.435	**1.11**	<0.000160	<0.000540	<0.000260	<0.0150	0.000341 J	0.159	<0.0000490	0.00605	0.000682 J	<0.000330	0.000959 J
	MW-43	Oct-19															
	MW-43	Jun-20		0.00613	0.413	**0.790**	<0.000478	<0.00149	<0.000477	<0.0489	<0.00249	**0.297**	<0.000100	0.00507	<0.000657	<0.00754	0.00336 J
	MW-43	Oct-20															
	MW-59	Apr-17		**0.0260**	0.0210			<0.000540		0.0343 J	<0.000240	**0.468**			0.000557 JB		
	MW-59	Apr-18		**0.0223**	0.0246			<0.000540		0.0876 JB	0.000405 JB	**0.427**			<0.000380		
	MW-59	Apr-19		**0.0215**	0.0190			<0.000540		<0.0150	<0.000240	**0.374**			<0.000380		
	MW-59	Jun-20		**0.0357**	0.0178 J			<0.00149		0.0695 J	<0.00249	**0.364**			<0.000657		
	MW-60	Jun-20		0.00557	0.0188 J	0.454	<0.000478	<0.00149	<0.000477	<0.0489	<0.00249	**0.240**	<0.000100 J6	0.00164 J	<0.000657	<0.00754	<0.000986
	MW-60	Jun-20	FD	0.00547	0.0186 J	0.448	<0.000478	<0.00149	<0.000477	<0.0489	<0.00249	**0.241**	<0.000100	0.00123 J	<0.000657	<0.00754	<0.000986
	MW-60	Oct-20															
	MW-60	Oct-20	FD														

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Appendix B, Table B.3 - Summary of Groundwater Analytical Data - Dissolved Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Chromium	Cobalt	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-47-3	7440-48-4	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	WQCC Irr	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
North Refinery	MW-61	Mar-23		0.00270 B	0.0900			<0.00124 J4		0.0726 JB	<0.000849	**0.867**				0.000504 J		
	MW-61	Oct-23																
	MW-61	Apr-24		0.00212	0.0451			<0.00124		<0.0281	0.00338	0.0321				<0.000300		
	MW-61	Oct-24																
	MW-61	Apr-25																
	MW-61	Oct-25																
	MW-62	Oct-20																
	MW-62	Sep-21																
	MW-62	Apr-22		**0.0543**	0.0386			0.00129 J		0.0360 J	<0.000849	0.00600				0.000409 J		
	MW-62	Oct-22																
	MW-62R	Apr-21		**0.0593**	**3.66**			<0.00124		0.0788 J	<0.000849	**0.232**				<0.000300		
	MW-62R	Apr-22		**0.0941**	0.793			<0.00124		<0.0281	<0.000849	0.00696				<0.000300		
	MW-62R	Mar-23		0.00231 B	0.0475			<0.00124 J4		<0.0281	0.00244	0.0302				0.000302 J		
	MW-62R	Apr-24		0.00750	0.941			<0.00124		<0.0281	<0.000849	0.00875				0.000376 J		
	MW-67	Oct-17																
	MW-67	Apr-18		0.00676	0.0921	0.470	<0.000160	0.000938 J	<0.000260	<0.0150	0.000391 J	0.0930	<0.0000490	0.000912 J	<0.000380	<0.000330	0.000590 J	
	MW-67	Oct-18																
	MW-67	Apr-19		0.00778	0.0907	0.408	<0.000160	0.000857 J	<0.000260	<0.0150	0.000639 J	0.0930	<0.0000490	0.00233	<0.000380	<0.000330	0.000472 J	
	MW-90	Mar-23		0.00486	0.0195			<0.00124		<0.0281	<0.000849	0.0630				0.000579 J		
	MW-90	Oct-23																
	MW-90	Apr-24		0.00596	0.0173			<0.00124		<0.0281	<0.000849	0.159				0.000494 J		
	MW-90	Oct-24																
	MW-90	Apr-25																
	MW-90	Oct-25																
	MW-91	Oct-18																
	MW-91	Apr-19		0.00427	0.0470			0.000589 J		<0.0150	0.00196 J	0.00753				0.0188		
	MW-91	Oct-19																
	MW-91	Jun-20		0.00555	0.0603			<0.00149		<0.0489	0.00498 J	0.00244 J				<0.000657		
	MW-93	Apr-17		0.00375	0.0210			0.00235		0.0197 J	0.000486 J	0.0255				0.0145		
	MW-93	Apr-18		0.00554	0.0288			0.00278		<0.0150	0.000746 JB	0.0282				0.00375		
	MW-93	Apr-19		0.00774	0.0326			0.00134 J		<0.0150	0.000308 J	0.0551				0.00347		
	MW-93	Jun-20		0.00919	0.0340			0.00291		<0.0489	<0.00249	**0.213**				0.00299		
	MW-94	Nov-14																
	MW-94	Oct-15																
	MW-94	Apr-17		**0.0106**	0.771			0.00124 J		<0.0150	0.000343 J	0.00235 J				0.00973		
	MW-95	Apr-17		0.00162 J	0.0592			<0.000540		<0.0150	0.000323 J	0.0285				0.00164 J		
	MW-95	Apr-18		0.00135 J	0.0690			<0.000540		<0.0150	<0.000240	0.0559				0.000786 J		
	MW-95	Apr-19		0.00113 J	0.0570			0.000653 J		<0.0150	<0.000240	0.0902				0.000845 J		
	MW-95	Jun-20		0.00135 J	0.0434			<0.00149		<0.0489	<0.00249	0.151				0.000657 J		
	MW-96	Mar-23		0.00178 J	0.326			<0.00124		0.180 B	<0.000849	0.00269 J				0.000490 J		
	MW-96	Oct-23																
	MW-96	Apr-24		0.00152 J	0.180			<0.00124		<0.0281	<0.000849	0.000724 J				0.000371 J		
	MW-96	Oct-24																
	MW-96	Apr-25																
	MW-96	Oct-25																
	MW-98	Mar-23		0.000773 J	0.0158			<0.00124		<0.0281	0.00489	0.0127				0.000956 J		
	MW-98	Oct-23																
	MW-98	Apr-24		0.000532 J	0.0148			<0.00124		<0.0281	0.00354	0.00990				<0.000300		
	MW-98	Oct-24																
	MW-98	Apr-25																
	MW-98	Oct-25																
	MW-137	Oct-17																
	MW-137	Apr-18		**0.0491**	0.0727	**0.973**	<0.000160	<0.000540	<0.000260	<0.0150	0.00404	0.147	<0.000490	0.0110	0.00248	<0.000330	0.00694	
	MW-137	Oct-18																
	MW-137	Apr-19		**0.0453**	0.0818	**0.971**	<0.000160	<0.000540	<0.000260	<0.0150	0.00243	0.145	<0.0000490	0.0125	0.000905 J	<0.000330	0.00708	
	MW-138	Oct-17																
	MW-138	Apr-18		0.00517	0.133	**0.955**	<0.000160	<0.000540	<0.000260	<0.0150	<0.000240	0.111	<0.0000490	0.00593	<0.000380	<0.000330	0.00128 J	
	MW-138	Oct-18																
	MW-138	Apr-19		0.00428	0.121	**0.878**	<0.000160	<0.000540	<0.000260	<0.0150	<0.000240	0.124	<0.0000490	0.00524	0.000668 J	<0.000330	0.000806 J	
	MW-157	Oct-24																
	MW-157	Apr-25																
	MW-157	Oct-25																
	RW-1	Apr-15		0.00426	0.0301			0.00131 J		0.0744 J	0.000323 J	0.118				0.00136 J		
	RW-1	Apr-17		**0.0234**	0.0229			0.00338		0.184	<0.000240	**0.218**				0.00286		
	RW-1	Apr-18		0.00532	0.0308			0.000552 J		0.0584 J	0.000322 J	0.0124				0.00122 J		
	RW-1	Apr-19		0.00919	0.0308			0.00100 J		<0.0150	0.000281 J	0.00768				0.00148 J		
	RW-2	Apr-17		0.00230	0.0530			0.00131 J		0.0200 J	0.000647 J	0.0157				0.0364		
	RW-2	Apr-18		0.00314	0.131			0.000882 J		<0.0150	0.000739 JB	0.0203				0.000515 J		
	RW-2	Mar-23		**0.0502**	0.354			<0.00124 J4		<0.0281	<0.000849	0.0103				<0.000300		
	RW-2	Apr-25																
	RW-7	Apr-17		0.00273	0.0191			<0.000540		0.0228 J	<0.000240	**1.12**				0.00142 J		
	RW-7	Apr-18		0.00798	0.138			0.00243 B		0.0450 J	<0.000240	0.0650				0.000791 J		
	RW-7	Apr-19		**0.0145**	0.120			0.00172 J		0.0780 J	<0.000240	0.161				<0.000380		
	RW-7	Jun-20		0.00695	0.174			<0.00149		<0.0489	<0.00249	0.113				<0.000657		
	RW-8	Apr-15		0.00521	0.0797			<0.000540		0.163	0.000591 J	0.0744				<0.000380		
	RW-8	Apr-17		**0.0346**	0.0661			<0.000540		**2.13**	<0.000240	**1.14**				<0.000380		
	RW-9	Apr-22		0.00487	0.0310			<0.00124		<0.0281	<0.000849	**0.311**				0.000330 J		
	RW-9	Mar-23		0.00478	0.0365			0.00159 J		<0.0281	<0.000849	**0.301**				0.00128 J		
	RW-9	Apr-24		0.00499	0.0398			<0.00124		<0.0281	<0.000849	**0.223**				0.000356 J		
	RW-9	Apr-25																
	RW-10	Apr-18		0.00191 J	0.0220			<0.000540		<0.0150	0.000521 J	0.181				<0.000380		
	RW-10	Apr-19		0.00140 J	0.0176			<0.000540		<0.0150	<0.000240	0.175				<0.000380		
	RW-10	Jun-20		0.00387	0.0192 J			<0.00149		<0.0489	<0.00249	0.175				<0.000657		
	RW-10	Apr-21		0.00529	0.0208			<0.00124		<0.0281	<0.000849	0.142				<0.000300		
	RW-16B	Apr-19		**0.0126**	0.0153			<0.000540		<0.0150	0.000673 JB	**0.458**				0.00910		
	RW-16B	Jun-20		**0.0242**	0.0195 J			<0.00149		0.100	<0.00249	0.0546				**0.0777**		
	RW-16B	Mar-23		**0.0245**	0.0281			0.00155 J		0.0290 JB	0.000964 J	**0.768**				0.00576		
	RW-16B	Apr-25																
	RW-17A	Apr-18		**0.0102**	0.0217			0.000940 J		<0.0150	0.00688	**0.748**				0.00305		
	RW-17A	Apr-19		**0.0150**	0.0225			0.00152 J		<0.0150	0.00301	**0.810**				<0.000380		
	RW-17A	Jun-20		**0.0156**	0.0199 J			0.00187 J		<0.0489	0.00270 J	0.118				0.0157		
	RW-17A	Mar-23		0.00779	0.0223			<0.00124		<0.0281	0.00819	**1.72**				0.00477		

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Appendix B, Table B.3 - Summary of Groundwater Analytical Data - Dissolved Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Chromium	Cobalt	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-47-3	7440-48-4	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	WQCC Irr	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
North RO Reject Field	MW-117	Mar-23		0.00298	0.0105	0.332	<0.000150	<0.00124	0.000929 J	<0.0281	<0.000849	0.00403 J	<0.000100 J6	0.00386	0.00471	0.0114	0.0162
	MW-117	Oct-23															
	MW-117	Apr-24		0.00277	0.0102	0.404	<0.000150	<0.00124	0.00120 J	<0.0281	<0.000849	0.00595	<0.000100	0.00380	0.00426	0.0108	0.0130
	MW-117	Oct-24		0.00314		0.452				<0.0281		0.00588				0.0121	
	MW-117	Apr-25		0.00295		0.480				<0.0226		0.00417 J				0.0129	
	MW-117	Oct-25		0.00292		0.440				<0.0226		0.00293 J				0.00941	
	MW-118	Mar-23		0.00622	0.0144	0.648	<0.000150	<0.00124	0.000206 J	0.0528 J	<0.000849	0.0526	<0.000100	0.00258	0.0115	**0.0506**	0.0325
	MW-118	Oct-23															
	MW-118	Apr-24		0.00585	0.00976	0.725	<0.000150	<0.00124	0.0000810 J	<0.0281	<0.000849	<0.000704	<0.000100	0.00153 JB	0.0167	**0.0466**	0.0327
	MW-118	Oct-24		0.00542		**0.758**				<0.0281		0.000778 J				**0.0507**	
	MW-118	Apr-25		0.00492		**0.960**				<0.0226		0.000845 J				**0.0554**	
	MW-118	Oct-25		0.00515		**0.894**				<0.0226		0.000762 J				**0.0509**	
	MW-119	Mar-23		0.00423	0.00937	0.507	<0.000150	<0.00124 J4	0.0000884 J	<0.0281	<0.000849	0.00280 J	<0.000100	0.00136 J	0.00510	**0.0480 O1**	0.0203
	MW-119	Oct-23															
	MW-119	Apr-24		0.00390	0.00834	0.490	<0.000150	<0.00124	0.000116 J	<0.0281	<0.000849	0.00279 J	<0.000100	0.00112 JB	0.00431	**0.0421**	0.0169
	MW-119	Oct-24		0.00438		0.486				<0.0281		0.00149 J				**0.0454**	
	MW-119	Apr-25		0.00414		0.547				<0.0226		0.00335 J				**0.0532**	
	MW-119	Oct-25		0.00438		0.496				<0.0226		0.00192 J				**0.0467**	
	MW-140	Mar-23		0.00335	0.0126	0.561	<0.000150	0.00132 J	0.000179 J	<0.0281	<0.000849	0.0186	<0.000100	0.00698	0.00541	**0.0403**	0.0148
	MW-140	Oct-23															
	MW-140	Apr-24		0.00345	0.0132	0.595	<0.000150	0.00134 J	0.000256 J	<0.0281	<0.000849	0.0220	<0.000100	0.00189 J	0.00826	**0.0403 J4**	0.0160
	MW-140	Oct-24		0.00270		0.588				<0.0281		0.0476				**0.0345**	
	MW-140	Apr-25		0.00315		0.658				<0.0226		0.0194				**0.0379**	
	MW-140	Oct-25		0.00316		0.637				<0.0226		0.0270				**0.0373**	
	MW-141	Mar-23		0.00246	0.0107	0.217	<0.000150	<0.00124	0.000332 J	<0.0281	<0.000849	0.00247 J	<0.000100	0.00141 J	0.00337	0.0240	0.0134
	MW-141	Oct-23															
	MW-141	Apr-24		0.00230	0.0112	0.206	<0.000150	<0.00124	0.000387 J	<0.0281	<0.000849	0.00562	<0.000100	<0.000816	0.00500	0.0272 J4	0.0135
	MW-141	Oct-24		0.00182 J		0.210				<0.0281		0.00654				0.0227	
	MW-141	Apr-25		0.00194 J		0.218				<0.0226		0.00660				0.0261	
	MW-141	Oct-25		0.00214		0.196 J				<0.0226		0.00705				0.0237	
	MW-142	Mar-23		0.00380	0.00958	0.450	<0.000150	<0.00124	0.000136 J	<0.0281	<0.000849	0.0209	<0.000100	0.00286	0.00500	**0.0460**	0.0209
	MW-142	Oct-23															
	MW-142	Apr-24		0.00373	0.00950	0.446	<0.000150	<0.00124	0.000168 J	<0.0281	<0.000849	0.0213	<0.000100	0.00321	0.00542	**0.0399**	0.0209
	MW-142	Oct-24		0.00330		0.453				0.0390 J		0.0223				**0.0420**	
	MW-142	Apr-25		0.00353		0.492				0.191		0.0231				**0.0490**	
	MW-142	Oct-25		0.00364		0.418				<0.0226		0.0207				**0.0433**	
	MW-143	Mar-23		0.00391	0.00826	**0.847**	<0.000150	<0.00124	0.000654 J	<0.0281	<0.000849	0.0225	<0.000100	0.00371	0.00133 J	**0.0490**	0.0224
	MW-143	Oct-23															
	MW-143	Apr-24		0.00407	0.00846	**0.777**	<0.000150	0.00162 J	0.000730 J	**1.15**	<0.000849	0.0248	<0.000100	0.00536	0.000942 J	**0.0451**	0.0240
	MW-143	Oct-24		0.00378		**0.767**				0.0340 J		0.0749				**0.0469**	
	MW-143	Apr-25		0.00388		**0.835**				<0.0226		0.0259				**0.0564**	
	MW-143	Oct-25		0.00424		0.714				<0.0226		0.0252				**0.0516**	
	MW-162	Oct-24		0.00299		0.680				<0.0281		0.0354				**0.0393**	
	MW-162	Apr-25		0.00273		0.717				<0.0226		0.0214				**0.0444**	
	MW-162	Oct-25		0.00313		0.619				<0.0226		0.0146				**0.0442**	
South Refinery	KWB-2R	Oct-19															
	KWB-2R	Mar-23		0.00271 B	0.0440			<0.00124 J4		0.178 B	0.00120 J	**0.625**			<0.000300		
	KWB-2R	Oct-23															
	KWB-2R	Apr-24		0.00247	0.0242			<0.00124		0.272	<0.000849	**0.659**			<0.000300		
	KWB-5	Oct-17															
	KWB-5	Apr-18		**0.0152**	**3.15**			0.00359		**1.89**	<0.000240	**1.14**			<0.000380		
	KWB-5	Oct-18															
	KWB-5	Apr-19		**0.0197**	**3.24**			<0.000540		0.0820 J	0.00106 J	**1.57**			<0.000380		
	KWB-6	Apr-17		0.00449	0.140			<0.000540		<0.0150	<0.000240	**1.98**			0.000450 J		
	KWB-6	Oct-17															
	KWB-6	Apr-18		0.00437	0.0911			<0.000540		0.103	0.000429 J	**1.51**			<0.000380		
	KWB-6	Oct-18															
	MW-28	Apr-19		0.00520	0.0488	**1.43**	<0.000160	<0.000540	<0.000260	<0.0150	0.00181 J	0.0672	<0.0000490	0.00359	0.000720 J	<0.000330	0.00104 J
	MW-28	Oct-19															
	MW-28	Jun-20		0.00684	0.0421	**1.35**	<0.000478	<0.00149	<0.000477	0.0711 J	<0.00249	**0.743**	<0.000100	0.00559	<0.000657	<0.00754	0.00388 J
	MW-28	Oct-20															
	MW-48	Apr-18		0.00747	1.97			<0.000540		<0.0150	0.000847 J	0.154			0.000669 J		
	MW-48	Oct-18															
	MW-48	Apr-19		0.00380	1.04			<0.000540		<0.0150	0.000304 J	**0.407**			0.000451 J		
	MW-48	Oct-19															
	MW-50	Mar-23		0.00370	0.0130			<0.00124		0.0966 JB	<0.000849	**0.685**			0.0325		
	MW-50	Oct-23															
	MW-50	Apr-24		0.00321	0.0123			<0.00124		<0.0281	<0.000849	**0.295 V**			0.0232		
	MW-50	Oct-24															
	MW-50	Apr-25															
	MW-50	Oct-25															
	MW-52	Mar-23		0.00375	0.0122	**0.759**	<0.000150	<0.00124	0.000934 J	<0.0281	<0.000849	0.0685	<0.000100	0.0356	0.00332	0.0120	0.0257
	MW-52	Oct-23															
	MW-52	Apr-24		0.00414	0.0125	**0.763**	<0.000150	<0.00124	0.00103 J	<0.0281	<0.000849	0.0645	<0.00100	0.0284	0.00183 J	0.00971 J4	0.0287
	MW-52	Oct-24															
	MW-52	Apr-25															
	MW-52	Oct-25															
	MW-64	Mar-23		**0.0249**	**2.37**			<0.00124 J4		<0.0281	<0.000849	0.0573			0.000436 J		
	MW-64	Oct-23															
	MW-64	Apr-24		**0.0264**	2.00			<0.00124		<0.0281	<0.000849	0.0459			0.000607 J		
	MW-64	Oct-24															
	MW-64	Apr-25															
	MW-64	Oct-25															
	MW-65	Oct-19															
	MW-65	Mar-23		**0.0475**	1.43			<0.00124		0.0486 J	<0.000849	**0.522**			0.000726 J		
	MW-65	Oct-23															
	MW-65	Apr-24		0.00601	1.69			<0.00124		0.684	<0.000849	**0.352**			<0.000300		
	MW-66	Oct-19															
	MW-66	Jun-20		0.00213	1.92	0.263	<0.000478	<0.00149	<0.000477	0.615	<0.00249	**0.303**	<0.000100	0.00624	<0.000657	<0.00754	0.00117 J
	MW-66	Oct-20															
	MW-66	Apr-21		0.00298	**2.09**	0.306	<0.000150	<0.00124	0.000148 J	0.0670 J	0.00119 JB	**0.361**	<0.000100	0.0115	<0.000300	<0.0000700	0.000757 J
	MW-99	Oct-18															
	MW-99	Apr-19		0.00720	0.375 V			<0.000540		<0.0150	<0.000240	**0.219 V**			<0.000380		
	MW-99	Oct-19															
	MW-99	Jun-20		0.00295	0.207			0.00258		0.169	<0.00249	**0.227**			0.000815 J		
	MW-101	Mar-23		0.00867	0.191			<0.00124 J4		<0.0281	<0.000849	**0.474**			<0.000300		
	MW-101	Oct-23															
	MW-101	Apr-24		**0.0306**	0.0664			<0.00124		**1.14**	<0.000849	**0.711**			<0.000300		
	MW-101	Oct-24															
	MW-101	Apr-25															
	MW-101	Oct-25															

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Appendix B, Table B.3 - Summary of Groundwater Analytical Data - Dissolved Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Chromium	Cobalt	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-47-3	7440-48-4	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	WQCC Irr	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
South Refinery	MW-102	Mar-23		**0.0153**	0.316			<0.00124		<0.0281	0.00269	0.0179			0.00127 J		
	MW-102	Mar-23	FD	**0.0146**	0.293			0.00136 J		<0.0281	0.00305	0.0172			0.00123 J		
	MW-102	Oct-23															
	MW-102	Oct-23	FD														
	MW-102	Apr-24		**0.0103**	1.52			<0.00124		0.0745 J	0.00324	0.0239			<0.000300		
	MW-102	Apr-24	FD	**0.0109**	1.57			<0.00124		0.0534 J	0.00362	0.0256			<0.000300		
	MW-102	Oct-24															
	MW-102	Oct-24	FD														
	MW-102	Apr-25															
	MW-102	Apr-25	FD														
	MW-102	Oct-25															
	MW-102	Oct-25	FD														
	MW-103	Apr-22		0.00218	1.67			0.00143 J		0.0343 J	0.000864 J	0.00373 J			<0.000300		
	MW-103	Mar-23		0.00204 B	0.440			<0.00124 J4		<0.0281	<0.000849	0.00158 J			<0.000300		
	MW-103	Apr-24		0.00245	0.284			<0.00124		<0.0281	<0.000849	0.00173 J			<0.000300		
	MW-103	Apr-25															
	MW-104	Mar-23		0.00204 B	0.0237			<0.00124 J4		<0.0281	<0.000849	0.0127			<0.000300		
	MW-104	Oct-23															
	MW-104	Apr-24		0.00361	0.0304			<0.00124		<0.0281	<0.000849	0.0160			<0.000300		
	MW-104	Oct-24															
	MW-104	Apr-25															
	MW-104	Oct-25															
	MW-105	Mar-23		0.00778	0.275			0.00165 JJ4		<0.0281	<0.000849	0.151			0.000310 J		
	MW-105	Oct-23															
	MW-105	Apr-24		0.00674	0.931			<0.00124		<0.0281	<0.000849	**0.228**			0.000320 J		
	MW-105	Oct-24															
	MW-105	Apr-25															
	MW-105	Oct-25															
	MW-106	Oct-23															
	MW-106	Apr-24		**0.0199**	0.0428			<0.00124		<0.0281	0.00525	0.00416 J			0.000545 J		
	MW-106	Oct-24															
	MW-106	Apr-25															
	MW-106	Oct-25															
	MW-107	Oct-15															
	MW-107	Apr-17		0.00128 J	**2.01**			<0.000540		0.0388 J	<0.000240	0.107			<0.000380		
	MW-107	Apr-18		0.00157 J	**2.34**			<0.000540		**4.47**	0.000418 JB	0.152			0.000426 J		
	MW-107	Apr-19		0.00139 J	**2.23**			<0.000540		0.0278 J	0.000378 J	0.163			<0.000380		
	MW-109	Mar-23		0.00413	0.0736			<0.00124		0.0728 J	<0.000849	0.147			<0.000300		
	MW-109	Oct-23															
	MW-109	Apr-24		0.00432	0.0855			0.0128		0.0591 J	<0.000849	0.136			<0.000300		
	MW-109	Oct-24															
	MW-109	Apr-25															
	MW-109	Oct-25															
	MW-110	Mar-23		**0.0360**	0.0532			<0.00124		**1.07**	<0.000849	**2.28**			<0.000300		
	MW-110	Oct-23															
	MW-110	Apr-24		**0.0402**	0.0598			<0.00124		**1.38**	<0.000849	**2.76**			<0.000300		
	MW-110	Oct-24															
	MW-110	Apr-25															
	MW-110	Oct-25															
	MW-139	Mar-23		**0.0107**	0.0258			<0.00124		0.625	<0.000849	**1.91**			<0.000300		
	MW-139	Oct-23															
	MW-139	Apr-24		0.00813	0.0245			<0.00124		0.288	<0.000849	**1.35**			<0.000300		
	MW-139	Oct-24															
	MW-139	Apr-25															
	MW-139	Oct-25															
	MW-158	Oct-24															
	MW-158	Apr-25															
	MW-158	Oct-25															
	MW-159	Oct-24															
	MW-159	Apr-25															
	MW-159	Oct-25															
	RA-313	Apr-22															
	RA-313	Mar-23															
	RA-313	Apr-24															
	RA-313	Apr-25															
	RW-4	Jun-20		0.00328	0.0680			<0.00149		<0.0489	<0.00249	0.124			<0.000657		
	RW-4	Apr-22		0.00546	0.0788			0.00358		0.0596 J	0.00174 J	0.195			<0.000300		
	RW-4	Mar-23		0.00451	0.0693			<0.00124		<0.0281	<0.000849	0.180			<0.000300		
	RW-4	Apr-24		0.00454	0.134			0.00140 J		<0.0281	<0.000849	0.162			<0.000300		
	RW-5R	Apr-15		0.00136 J	0.0275			<0.000540		0.0247 J	<0.000240	0.0167			<0.000380		
	RW-6	Apr-18		**0.0141**	1.90			<0.000540		**1.32**	0.000568 JB	**0.279**			0.000513 J		
	RW-6	Apr-19		0.00656	**6.17 V**			<0.000540		0.0878 J	0.000368 JP1	0.161			0.000690 J		
	RW-6	Mar-23		**0.0325**	0.161			0.00172 J		<0.0281	<0.000849	0.185			0.000426 J		
	RW-6	Apr-24		**0.0977**	0.102			<0.00124		**3.10**	<0.000849	**0.945**			<0.000300		
	RW-15C	Apr-17		**0.0306**	0.896			<0.000540		0.137	0.000501 J	**0.376**			<0.000380		
	RW-15C	Apr-18		**0.0264**	1.27 V			<0.000540		0.197	0.000585 J	**0.399**			0.000675 J		
	RW-15C	Apr-19		**0.0128**	1.61			0.00263		0.216	0.000416 J	**0.463**			0.000987 J		
	RW-19	Apr-24		**0.0380**	0.0557			<0.00124		**3.14**	0.000896 J	**1.74**			<0.000300		
South RO Reject Field	MW-114	Mar-23		0.00205	0.0139	0.0358 J	<0.000150	<0.00124	0.00178 J	<0.0281	<0.000849	**0.372**	<0.000100	0.00191 J	0.00239	0.00348	0.00556
	MW-114	Oct-23															
	MW-114	Apr-24		0.00317	0.0125	0.141 J	<0.000150	<0.00124	0.00172 J	<0.0281	<0.000849	**0.336**	<0.000100	0.00421	0.000916 J	0.00301	0.00949
	MW-114	Oct-24		0.00318		0.158 J				<0.0281		**0.361**				0.00310	
	MW-114	Apr-25		0.00237		0.0686 J				<0.0226		**0.242**				0.00256	
	MW-114	Oct-25		0.00378		0.0991 J				<0.0226		**0.751**				0.00272	
	MW-115	Mar-23		0.00469	0.0103	0.694	<0.000150	<0.00124	0.000155 J	<0.0281	<0.000849	0.0246	<0.000100	0.00479	0.00386	**0.0545**	0.0266
	MW-115	Oct-23															
	MW-115	Apr-24		0.00477	0.00967	0.723	<0.000150	<0.00124	0.000234 J	<0.0281	<0.000849	0.0266	<0.000100 J6O1	0.00578	0.00203	**0.0420**	0.0248
	MW-115	Oct-24		0.00458		0.724				<0.0281		0.0281				**0.0428**	
	MW-115	Apr-25		0.00430		**0.773**				<0.0226		0.0322				**0.0458**	
	MW-115	Oct-25		0.00448		0.668				<0.0226		0.0274				**0.0414**	
	MW-116	Mar-23		0.00245	0.00951	0.244	<0.000150	<0.00124	0.00273	<0.0281	<0.000849	0.0832	<0.000100	0.00228	0.00509	**0.0336**	0.0133
	MW-116	Apr-24		0.00292	0.00832	0.232	<0.000150	<0.00124	0.00237	<0.0281	<0.000849	0.0311	<0.000100	0.00245	0.00414	0.0293	0.0123
	MW-116	Oct-24		0.00305		0.250				0.0579 J		0.0369				**0.0322**	
	MW-116	Apr-25		0.00333		0.263				0.0288 J		0.0134				**0.0356**	
	MW-116	Oct-25		0.00324		0.234				<0.0226		0.0179				**0.0341**	

Appendix B, Table B.3 - Summary of Groundwater Analytical Data - Dissolved Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Chromium	Cobalt	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-47-3	7440-48-4	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	WQCC Irr	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
South RO Reject Field	MW-144	Mar-23		0.00426	0.0110	0.428	<0.000150	<0.00124	0.000567 J	<0.0281	<0.000849	0.0123	<0.000100	0.00120 J	0.00864	**0.0350**	0.0161
	MW-144	Oct-23															
	MW-144	Apr-24		0.00412	0.0111	0.436	<0.000150	<0.00124	0.000485 J	<0.0281	<0.000849	0.0170	<0.000100	0.00117 J	0.00908	**0.0347**	0.0162
	MW-144	Oct-24		0.00463		0.423				<0.0281		0.0160				**0.0406**	
	MW-144	Apr-25		0.00424		0.442				<0.0226		0.0274				**0.0421**	
	MW-144	Oct-25		0.00457		0.394				<0.0226		0.0166				**0.0437**	
	MW-163	Oct-24		0.00385		0.586				<0.0281		0.179				**0.0628**	
	MW-163	Apr-25		0.00406		0.627				<0.0226		0.145				**0.0676**	
	MW-163	Oct-25		0.00389		0.539				<0.0226		0.0719				**0.0679**	
TEL	MW-49	Mar-23		0.00414	0.0685	0.729	<0.000150	<0.00124	<0.0000596	0.0367 JB	<0.000849	0.145	<0.000100	0.00948	<0.000300	<0.0000789	0.00124 JB
	MW-49	Oct-23															
	MW-49	Apr-24		0.00419	0.0632	**0.775**	<0.000150	<0.00124	<0.0000596	<0.0281	<0.000849	0.0773	<0.000100	0.00628	0.000355 J	<0.0000789	<0.000664
	MW-49	Oct-24															
	MW-49	Apr-25															
	MW-49	Oct-25															
	TEL-1	Oct-18															
	TEL-1	Apr-19		**0.0128**	0.0196			0.00285		0.0400 JB	<0.000240	0.0405			<0.000380		
	TEL-1	Oct-19															
	TEL-1	Jun-20		**0.0134**	0.0162 J			0.00317		0.113	<0.00249	0.0390			<0.000657		
	TEL-2	Oct-18															
	TEL-2	Apr-19		0.00309	0.0191			0.00660		0.0268 JB	<0.000240	0.0153			<0.000380		
	TEL-2	Oct-19															
	TEL-2	Jun-20		0.00940	0.0307			<0.00149		<0.0489	<0.00249	0.0377			<0.000657		
	TEL-3	Apr-18		0.00964	0.0219			0.0263		0.0526 J	0.000337 J	0.00609			0.000457 J		
	TEL-3	Apr-19		0.00129 J	0.0138			0.00225		0.0489 JB	<0.000240	**1.09**			<0.000380		
	TEL-3	Oct-19															
	TEL-3	Oct-20															
	TEL-4	Mar-23		0.00359	0.0174			0.0317		0.104	<0.000849	**0.936**			0.00114 J		
	TEL-4	Mar-23	FD	0.00389	0.0177			0.0301		0.121 B	<0.000849	**0.939**			0.000440 J		
	TEL-4	Oct-23															
	TEL-4	Oct-23	FD														
	TEL-4	Apr-24		**0.0298**	0.0237			0.00466		0.0810 J	<0.000849	**0.466**			<0.000300		
	TEL-4	Apr-24	FD	**0.0288**	0.0216			0.00478		0.0817 J	<0.000849	**0.447**			<0.000300		
	TEL-4	Oct-24															
	TEL-4	Oct-24	FD														
	TEL-4	Apr-25															
	TEL-4	Apr-25	FD														
	TEL-4	Oct-25															
	TEL-4	Oct-25	FD														
TMD	MW-8	Apr-22		0.00541	0.0129			<0.00124		<0.0281	<0.000849	**0.318**			**0.0742**		
	MW-8	Mar-23		0.00624	0.0132			<0.00124		<0.0281	<0.000849	**0.283**			**0.0641**		
	MW-8	Apr-24		0.00662	0.0129			<0.00124		<0.0281	<0.000849	**0.445**			0.0456		
	MW-8	Apr-25															
	MW-16	Apr-21		0.00499	0.0138 J			<0.00124		<0.0281	<0.000849	0.00771 B			0.00741		
	MW-16	Apr-22		0.00466	0.0140			<0.00124		<0.0281	<0.000849	0.00868			0.00805		
	MW-16	Mar-23		0.00570	0.0133			<0.00124		<0.0281	<0.000849	0.00835			0.0283		
	MW-16	Apr-24		0.00466	0.0124			<0.00124		0.100	<0.000849	<0.000704			0.0187		
	MW-20	Apr-22		0.00507	0.0106			0.0106		0.0305 J	<0.000849	<0.000704			0.0105		
	MW-20	Mar-23		0.00486	0.0119			<0.00124		<0.0281	<0.000849	<0.000704			0.0174		
	MW-20	Apr-24		0.00542	0.0140			<0.00124		<0.0281	<0.000849	<0.000704			0.0201		
	MW-20	Apr-25															
	MW-21	Mar-23		0.00537	0.00837			<0.00124		<0.0281	<0.000849	0.147			0.0392		
	MW-21	Oct-23															
	MW-21	Apr-24		0.00547	0.0114			<0.00124		<0.0281	<0.000849	0.0614			0.0297		
	MW-21	Oct-24															
	MW-21	Apr-25															
	MW-21	Oct-25															
	MW-25	Apr-22		0.00356	0.0309			<0.00124		<0.0281	<0.000849	**0.870**			<0.000300		
	MW-25	Mar-23		0.00399	0.0353			<0.00124		<0.0281	<0.000849	**0.786**			0.000551 J		
	MW-25	Apr-24		0.00888	0.0102			<0.00124		0.123	<0.000849	**1.02**			<0.000300		
	MW-25	Apr-25															
	MW-26	Apr-22		0.00283	0.00829			<0.00124		<0.0281	<0.000849	**0.205**			0.0159		
	MW-26	Mar-23		0.00322	0.00878			<0.00124		<0.0281	<0.000849	0.0761			0.0171		
	MW-26	Apr-24		0.00279	0.00657			<0.00124		<0.0281	<0.000849	0.170			0.0147		
	MW-26	Apr-25															
	MW-27	Apr-22		0.00202	0.0179			<0.00124		<0.0281	<0.000849	0.00377 J			0.0160		
	MW-27	Mar-23		0.00231	0.0180			<0.00124		<0.0281	<0.000849	0.00291 J			0.0215		
	MW-27	Apr-24		0.00181 J	0.0153			<0.00124		<0.0281	<0.000849	0.00115 J			0.0132		
	MW-27	Apr-25															
	MW-46R	Mar-23		0.00257	0.0122			<0.00124		<0.0281	<0.000849	0.00525			0.0145		
	MW-46R	Oct-23															
	MW-46R	Apr-24		0.00253	0.0128			<0.00124		<0.0281	<0.000849	0.0273			0.00536		
	MW-46R	Oct-24															
	MW-46R	Apr-25															
	MW-46R	Oct-25															
	MW-68	Apr-21		0.00263	0.0138 J			<0.00124		<0.0281	<0.000849	<0.000704			0.0210		
	MW-68	Apr-22		0.00226	0.0119			<0.00124		<0.0281	<0.000849	<0.000704			0.0229		
	MW-68	Mar-23		0.00285	0.0129			<0.00124		<0.0281	<0.000849	0.000866 J			0.0234		
	MW-68	Apr-24		0.00275	0.0145			<0.00124		<0.0281	<0.000849	<0.000704			0.0305		
	MW-71	Apr-21		0.00349	0.00977 J	0.659	<0.000150	<0.00124	0.000130 J	<0.0281	<0.000849	0.00289 J	0.000100 J	0.00180 J	0.0259	**0.0629**	0.0232
	MW-71	Apr-22		0.00326	0.00808	0.643	<0.000150	<0.00124	0.0000942 J	<0.0281	<0.000849	<0.000704	<0.000100	0.00130 J	0.0241	**0.0647**	0.0229
	MW-71	Mar-23		0.00372	0.00809	0.637	<0.000150	<0.00124	0.000111 J	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.0230	**0.0694**	0.0248
	MW-71	Apr-24		0.00354	0.00845	0.645	<0.000150	<0.00124	0.000135 J	<0.0281	<0.000849	<0.000704	<0.000100	0.00149 J	0.0242	**0.0666**	0.0233
	MW-89	Apr-22		0.00959	0.0132			<0.00124		<0.0281	<0.000849	0.197			0.00407		
	MW-89	Mar-23		0.00848	0.0133			<0.00124		<0.0281	<0.000849	**0.464**			0.00346		
	MW-89	Apr-24		0.00429	0.0108			<0.00124		<0.0281	<0.000849	0.0357			0.00294		
	MW-89	Apr-25															
	MW-152	Oct-24															
	MW-152	Apr-25															
	MW-152	Oct-25															
	MW-153	Oct-24															
	MW-153	Apr-25															
	MW-153	Oct-25															
	MW-154	Oct-24															
	MW-154	Apr-25															
	MW-154	Oct-25															
	MW-155	Oct-24															
	MW-155	Apr-25															
	MW-155	Oct-25															
	MW-156	Oct-24															
	MW-156	Apr-25															
	MW-156	Oct-25															

Appendix B, Table B.3 - Summary of Groundwater Analytical Data - Dissolved Metals

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Total Metals													
				Analyte	Arsenic	Barium	Boron	Cadmium	Chromium	Cobalt	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Uranium	Vanadium
				CAS	7440-38-2	7440-39-3	7440-42-8	7440-43-9	7440-47-3	7440-48-4	7439-89-6	7439-92-1	7439-96-5	7439-97-6	7440-02-0	7782-49-2	7440-61-1	7440-62-2
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0100	2.00	0.750	0.00500	0.0500	0.0500	1.00	0.0150	0.200	0.00200	0.200	0.0500	0.0300	0.0631
				CGWSL Source	WQCC HH	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	WQCC Irr	WQCC Dom	WQCC HH	WQCC Dom	WQCC HH	WQCC Irr	WQCC HH	WQCC HH	NMED TW
Area	**Well ID**	**Date**	**Dup**															
TMD	NP-1	Mar-23																
	NP-1	Oct-23																
	NP-1	Apr-24																
	NP-1	Oct-24																
	NP-1	Oct-25																
	NP-6	Apr-19																
	NP-6	Apr-21																
	NP-6	Mar-23																
	NP-6	Apr-25																
Up-Gradient	UG-1	Apr-22		0.00151 J	0.0136	0.718	<0.000150	<0.00124	0.000110 J	<0.0281	<0.000849	<0.000704	<0.000100	0.00135 J	0.0130	**0.0442**	0.0148	
	UG-1	Mar-23		0.00123 J	0.0118	0.740	<0.000150	<0.00124	0.0000764 J	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.0135	**0.0398**	0.0126	
	UG-1	Apr-24		0.00125 J	0.0106	0.541	<0.000150	<0.00124	0.0000677 J	<0.0281	<0.000849	<0.000704	<0.000100	<0.000816	0.00613	0.0282	0.0122	
	UG-1	Apr-25																
	UG-2	Apr-22		0.00253	0.0156	0.267	<0.000150	<0.00124	0.0000840 J	<0.0281	<0.000849	0.00188 J	<0.000100	0.00272	0.00581	0.0158	0.0200	
	UG-2	Mar-23		0.00218	0.0137	0.264	<0.000150	<0.00124	<0.0000596	0.0616 J	<0.000849	<0.000704	<0.000100	0.00162 J	0.00523	0.0145	0.0201	
	UG-2	Apr-24		0.00217	0.0154	0.244	<0.000150	<0.00124	0.0000790 J	<0.0281	<0.000849	<0.000704	<0.000100	0.00177 J	0.00454	0.0123	0.0228	
	UG-2	Apr-25																
	UG-3R	Apr-22		0.00145 J	0.0197	0.182 J	<0.000150	<0.00124	0.000106 J	<0.0281	<0.000849	0.00149 J	<0.000100	0.00235	0.00448	0.0278	0.00995	
	UG-3R	Mar-23		0.00122 J	0.0245	0.157 J	<0.000150	0.00130 J	0.000122 J	0.198	0.000862 J	0.000805 J	<0.000100	0.00134 J	0.00548	0.0192	0.00874	
	UG-3R	Apr-24		0.00132 J	0.0212	0.162 J	<0.000150	<0.00124	0.0000736 J	<0.0281	<0.000849	<0.000704	<0.000100	0.000825 J	0.00906	0.0242	0.00904	
	UG-3R	Apr-25																
	UG-4	Apr-22		0.00137 J	0.0188	0.738	<0.000150	<0.00124	0.000263 J	0.0356 J	<0.000849	0.00322 J	<0.000100	0.00137 J	0.0134	**0.0324**	0.00878	
	UG-4	Mar-23		0.00114 J	0.0175	**1.21**	<0.000150	<0.00124	0.0000832 J	<0.0281	<0.000849	0.00162 J	<0.000100	0.00189 J	0.00852	**0.0420**	0.00667	
	UG-4	Apr-24		0.00123 J	0.0168	**1.34**	<0.000150	<0.00124	0.000106 J	<0.0281	<0.000849	0.00112 J	<0.000100	<0.000816	0.00707	**0.0406**	0.00718	
	UG-4	Apr-25																

Definitions

X	Reported concentration, X, exceeds the CGWSL.
X	Analyte detected above the detection limit at a concentration equal to X.
<x	Analyte not detected at detection limit equal to x.
<x	Analyte not detected at detection limit equal to x, but x exceeds the CGWSL.
	Blank cell indicates a sample was collected from the well during the indicated sampling event, but the analyte was not analyzed.

Abbreviations

CGWSL	Critical Groundwater Screening Level (see Table 3)
CGWSL Source	Source for CGWSL value (see Table 3)
Dup	Duplicate sample
FD	Field duplicate sample
mg/L	Milligrams per Liter
NMED TW	NMED Risk Assessment Guidance for Site Investigations and Remediation, November 2022, Table A-1, Tap Water Screening Level
WQCC Dom	NMED Groundwater standard for domestic exposure, 20.6.2.3103.B NMAC
WQCC HH	NMED Groundwater standard for human health exposure, 20.6.2.3103.A NMAC
WQCC Irr	NMED Groundwater standard for irrigation exposure, 20.6.2.3103.C NMAC

Lab Footnote

B	Analyte was also detected in the associated method blank.
J	Indicates an estimated value.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Note - Irrigation well RA-4196R was installed in June 2022 to replace both irrigation wells RA-4196 and RA-4798 which were plugged and abandoned in April 2023.

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Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	1,1,1,2-Tetra-chloroethane	1,1,1-Tri-chloroethane	1,1,2,2-Tetra-chloroethane	1,1,2-Tri-chloroethane	1,1-Di-chloroethane	1,1-Di-chloroethene	1,2,4-Trimethyl-benzene	1,2-Dibromoethane (Ethylene dibromide) - 8011	1,2-Dibromoethane (Ethylene dibromide) - 8260	1,2-Di-chloroethane	1,2-Di-chloropropane	1,3,5-Trimethyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.000570	0.200	0.0100	0.00500	0.0250	0.00700	0.0560	0.0000500	0.0000500	0.00500	0.00500	0.0600
				CGWSL Source:	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
Cross-Gradient	KWB-13	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-13	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-13	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-13	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-136	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-136	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-136	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-136	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-136	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-149	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-149	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-149	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-149	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-149	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-150	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-150	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-150	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-150	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-150	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	NP-5	Apr-19		<0.000385 J4	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381** J4	<0.000361	<0.000306	<0.000387
	NP-5	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NP-5	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NP-5	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RA-3156	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	RA-3156	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RA-3156	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RA-3156	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
Evaporation Ponds	MW-1R	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-1R	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-1R	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-1R	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-2A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-2A	Oct-23													
	MW-2A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-2A	Oct-24													
	MW-2A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-2A	Oct-25													
	MW-3	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-3	Mar-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-3	Oct-23													
	MW-3	Oct-23	FD												
	MW-3	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-3	Apr-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-3	Oct-24													
	MW-3	Oct-24	FD												
	MW-3	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-3	Apr-25	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-3	Oct-25													
	MW-3	Oct-25	FD												
	MW-4A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-4A	Oct-23													
	MW-4A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000331 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-4A	Oct-24													
	MW-4A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-4A	Oct-25													
	MW-4B	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-4B	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-4B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-4B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-5A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-5A	Oct-23													
	MW-5A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-5A	Oct-24													
	MW-5A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-5A	Oct-25													
	MW-5B	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.000414 J		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-5B	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-5B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	0.000144 J
	MW-5B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	0.000111 J
	MW-5C	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-5C	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000433 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-5C	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-5C	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-6A	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-6A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-6A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-6A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-6B	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-6B	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-6B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-6B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7A	Mar-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7A	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7A	Oct-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7A	Apr-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7A	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7A	Oct-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7A	Apr-25	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7A	Oct-25		<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-7A	Oct-25	FD	<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-7B	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-7B	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-7B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-10	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-10	Oct-23													
	MW-10	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-10	Oct-24													
	MW-10	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-10	Oct-25													
	MW-11A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-11A	Oct-24													
	MW-11A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-11A	Oct-25													

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	1,1,1,2-Tetra-chloroethane	1,1,1-Tri-chloroethane	1,1,2,2-Tetra-chloroethane	1,1,2-Tri-chloroethane	1,1-Di-chloroethane	1,1-Di-chloroethene	1,2,4-Trimethyl-benzene	1,2-Dibromoethane (Ethylene dibromide) - 8011	1,2-Dibromoethane (Ethylene dibromide) - 8260	1,2-Di-chloroethane	1,2-Di-chloropropane	1,3,5-Trimethyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.000570	0.200	0.0100	0.00500	0.0250	0.00700	0.0560	0.0000500	0.0000500	0.00500	0.00500	0.0600
				CGWSL Source:	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
Evaporation Ponds	MW-11B	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-11B	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-11B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-11B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-15	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-15	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-15	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-15	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-18A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-18A	Oct-23													
	MW-18A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-18A	Oct-24													
	MW-18A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-18A	Oct-25													
	MW-18B	Apr-19		<0.000385	<0.000319 J4	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-18B	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-18B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-18B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-22A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-22A	Mar-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-22A	Oct-23													
	MW-22A	Oct-23	FD												
	MW-22A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-22A	Apr-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-22A	Oct-24													
	MW-22A	Oct-24	FD												
	MW-22A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-22A	Apr-25	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-22A	Oct-25													
	MW-22A	Oct-25	FD												
	MW-22B	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-22B	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-22B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-22B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-70	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-70	Oct-23													
	MW-70	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-70	Oct-24													
	MW-70	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-70	Oct-25													
	MW-72	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-72	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-72	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-72	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-73	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000695 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-73	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000348 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-73	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-73	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-74	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00152		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-74	Oct-23													
	MW-74	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-74	Oct-24													
	MW-74	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000703 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-74	Oct-25													
	MW-75	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-75	Oct-23													
	MW-75	Apr-24		**<0.0294**	<0.0298	**<0.0266**	**<0.0316**	<0.0200	**<0.0376**	**<0.0644**		**<0.0252**	**<0.0164**	**<0.0298**	<0.0208
	MW-75	Oct-24													
	MW-75	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-75	Oct-25													
	MW-76	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-76	Oct-23													
	MW-76	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-76	Oct-24													
	MW-76	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-76	Oct-25													
	MW-77	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-77	Mar-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-77	Apr-24		**<0.0294**	<0.0298	**<0.0266**	**<0.0316**	<0.0200	**<0.0376**	**<0.0644**		**<0.0252**	**<0.0164**	**<0.0298**	<0.0208
	MW-77	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-78	Apr-22		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-78	Mar-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-78	Apr-24		**<0.0294**	<0.0298	**<0.0266**	**<0.0316**	<0.0200	**<0.0376**	**<0.0644**		**<0.0252**	**<0.0164**	**<0.0298**	<0.0208
	MW-78	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-79	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-79	Oct-23													
	MW-79	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-79	Oct-24													
	MW-79	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-79	Oct-25													
	MW-80	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-80	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-80	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-80	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-81	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-81	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-81	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-81	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-82	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-82	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-82	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-82	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-83	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-83	Oct-23													
	MW-83	Apr-24		**<0.0294**	<0.0298	**<0.0266**	**<0.0316**	<0.0200	**<0.0376**	**<0.0644**		**<0.0252**	**<0.0164**	**<0.0298**	<0.0208
	MW-83	Oct-24													
	MW-83	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-83	Oct-25													
	MW-84	Mar-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-84	Oct-23													
	MW-84	Apr-24		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-84	Oct-24													
	MW-84	Apr-25		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-84	Oct-25													
	MW-86	Jun-20		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	0.0200		**<0.00252**	<0.00164	<0.00298	0.00605 J
	MW-86	Oct-20		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	0.0223		**<0.00252**	<0.00164	<0.00298	0.00604 J

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	1,1,1,2-Tetra-chloroethane	1,1,1-Tri-chloroethane	1,1,2,2-Tetra-chloroethane	1,1,2-Tri-chloroethane	1,1-Di-chloroethane	1,1-Di-chloroethene	1,2,4-Trimethyl-benzene	1,2-Dibromoethane (Ethylene dibromide) - 8011	1,2-Dibromoethane (Ethylene dibromide) - 8260	1,2-Di-chloroethane	1,2-Di-chloropropane	1,3,5-Trimethyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.000570	0.200	0.0100	0.00500	0.0250	0.00700	0.0560	0.0000500	0.0000500	0.00500	0.00500	0.0600
				CGWSL Source:	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
Evaporation Ponds	MW-87	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-87	Oct-23													
	MW-87	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-87	Oct-24													
	MW-87	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-87	Oct-25													
	MW-88	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-88	Oct-23													
	MW-88	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-88	Oct-24													
	MW-88	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-88	Oct-25													
	MW-120	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-120	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-120	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-120	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-120	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-120	Oct-25		<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-121	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-121	Oct-23													
	MW-121	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-121	Oct-24													
	MW-121	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-121	Oct-25													
	MW-122	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-122	Oct-23													
	MW-122	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-122	Oct-24													
	MW-122	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-122	Oct-25													
	MW-123	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-123	Oct-23													
	MW-123	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-123	Oct-24													
	MW-123	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-123	Oct-25													
	MW-124	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-124	Oct-23													
	MW-124	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-124	Oct-24													
	MW-124	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-124	Oct-25													
	OCD-1R	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-1R	Oct-23													
	OCD-1R	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-1R	Oct-24													
	OCD-1R	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-1R	Oct-25													
	OCD-2A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-2A	Oct-23													
	OCD-2A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-2A	Oct-24													
	OCD-2A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-2A	Oct-25													
	OCD-3	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-3	Oct-23													
	OCD-3	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-3	Oct-24													
	OCD-3	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-3	Oct-25													
	OCD-4	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-4	Oct-23													
	OCD-4	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-4	Oct-24													
	OCD-4	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-4	Oct-25													
	OCD-5	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-5	Oct-23													
	OCD-5	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-5	Oct-24													
	OCD-5	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-5	Oct-25													
	OCD-6	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-6	Oct-23													
	OCD-6	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-6	Oct-24													
	OCD-6	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-6	Oct-25													
	OCD-7AR	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-7AR	Oct-23													
	OCD-7AR	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000343 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-7AR	Oct-24													
	OCD-7AR	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-7AR	Oct-25													
	OCD-7B	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	OCD-7B	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-7B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-7B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-8A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-8A	Oct-23													
	OCD-8A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-8A	Oct-24													
	OCD-8A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-8A	Oct-25													
	OCD-8B	Apr-19		<0.000385	<0.000319 J4	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	OCD-8B	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-8B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	OCD-8B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
Field East of Refinery	KWB-1A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.0335		**<0.000126**	<0.0000819	<0.000149	0.00461
	KWB-1A	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.0335		**<0.000126**	<0.0000819	<0.000149	0.00505
	KWB-1A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.0416		**<0.000126**	<0.0000819	<0.000149	0.00569
	KWB-1A	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.0343		**<0.000126**	<0.0000819	<0.000149	0.00659
	KWB-1C	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	KWB-1C	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-1C	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-1C	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	1,1,1,2-Tetra-chloroethane	1,1,1-Tri-chloroethane	1,1,2,2-Tetra-chloroethane	1,1,2-Tri-chloroethane	1,1-Di-chloroethane	1,1-Di-chloroethene	1,2,4-Trimethyl-benzene	1,2-Dibromoethane (Ethylene dibromide) - 8011	1,2-Dibromoethane (Ethylene dibromide) - 8260	1,2-Di-chloroethane	1,2-Di-chloropropane	1,3,5-Trimethyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.000570	0.200	0.0100	0.00500	0.0250	0.00700	0.0560	0.0000500	0.0000500	0.00500	0.00500	0.0600
				CGWSL Source:	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	USEPA TW
Area	Well ID	Date	Dup													
Field East of Refinery	KWB-3AR	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-3AR	Nov-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	KWB-7	Mar-23		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	<0.0161		**<0.00630**	<0.00409	**<0.00745**	<0.00520
	KWB-7	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000803 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-7	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000818 J		**<0.000126**	<0.0000819	<0.000149	0.000106 J
	KWB-7	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00167		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-7	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	0.000308 J		**<0.000341**	<0.000395	<0.000427	<0.000266
	KWB-8	Apr-17		**<0.0385**	<0.0319	**<0.0130**	**<0.0383**	**<0.0259**	**<0.0398**	**0.380**		**<0.0381**	**<0.0361**	**<0.0306**	**0.0863 J**
	KWB-8	Oct-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	**0.114**		**<0.000381**	<0.000361	<0.000306	0.0225
	KWB-8	Oct-20		**<0.0294**	<0.0298	**<0.0266**	**<0.0316**	<0.0200	**<0.0376**	**0.833**		**<0.0252**	**<0.0164**	**<0.0298**	**0.191 J**
	KWB-10R	Apr-17		**<0.0192**	<0.0160	<0.00650	**<0.0192**	<0.0130	**<0.0199**	**0.360**		**<0.0190**	**<0.0180**	**<0.0153**	**0.0907**
	KWB-10R	Oct-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	**0.302**		**<0.000381**	<0.000361	<0.000306	**0.0759**
	KWB-10R	Apr-18		**<0.0962**	<0.0798	**<0.0325**	**<0.0958**	**<0.0648**	**<0.0995**	**0.214 J**		**<0.0952**	**<0.0902**	**<0.0765**	**<0.0968**
	KWB-10R	Oct-18		**<0.0962**	<0.0798	**<0.0325**	**<0.0958**	**<0.0648**	**<0.0995**	**0.215 J**		**<0.0952**	**<0.0902**	**<0.0765**	**<0.0968**
	KWB-11A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000727 J	<0.00000579	**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-11A	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-11A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000476 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-11A	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-11A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000351 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-11A	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	KWB-11B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-11B	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000325 J	<0.000149	<0.000104
	KWB-11B	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000193 J	<0.000149	<0.000104
	KWB-11B	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-11B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-11B	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	0.000458 J	<0.000427	<0.000266
	KWB-12A	Sep-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000476 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12A	Oct-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12A	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12A	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12B	Mar-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12B	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12B	Oct-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12B	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000641 J		**<0.000126**	<0.0000819	<0.000149	0.000166 J
	KWB-12B	Apr-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000415 J		**<0.000126**	<0.0000819	<0.000149	0.000106 J
	KWB-12B	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12B	Oct-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12B	Apr-25	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-12B	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	KWB-12B	Oct-25	FD	<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	KWB-P4	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	KWB-P4	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-P4	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	KWB-P4	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-57	Oct-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-57	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-57	Sep-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-57	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-58	Oct-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	**0.166**		**<0.000381**	<0.000361	<0.000306	0.00130
	MW-58	Apr-18		**<0.0192**	<0.0160	<0.00650	**<0.0192**	<0.0130	**<0.0199**	**0.574**		**<0.0190**	**<0.0180**	**<0.0153**	<0.0194
	MW-58	Oct-18		**<0.0192**	<0.0160	<0.00650	**<0.0192**	<0.0130	**<0.0199**	0.0235 J		**<0.0190**	**<0.0180**	**<0.0153**	<0.0194
	MW-58	Oct-19		**<0.00385**	<0.00319	<0.00130	<0.00383 J4	<0.00259	<0.00398	**0.272**		**<0.00381** J4	<0.00361	<0.00306	0.0123
	MW-111	Oct-18		**<0.00962**	<0.00798	<0.00325	**<0.00958**	<0.00648	**<0.00995**	<0.00932		**<0.00952**	**<0.00902**	**<0.00765**	<0.00968
	MW-111	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.00243	<0.00000240	**<0.000381**	0.000871 J	<0.000306	<0.000387
	MW-111	Oct-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.00437		**<0.000381**	<0.000361	<0.000306	0.000852 J
	MW-111	Jun-20		**<0.00368**	<0.00373	<0.00333	<0.00395	<0.00250	<0.00470	0.0135 J		**<0.00315**	<0.00205	<0.00373	0.00436 J
	MW-112	Nov-14		**<0.00960**	<0.00800	<0.00320	**<0.00960**	<0.00650	**<0.0100**	**0.350**	**<0.00950**		**<0.00900**	**<0.00760**	**0.0900**
	MW-113	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	**0.0732**		**<0.000126**	<0.0000819	<0.000149	0.000823 J
	MW-113	Mar-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	**0.100**		**<0.000126**	<0.0000819	<0.000149	0.00101
	MW-113	Oct-23		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**0.699**		**<0.00630**	<0.00409	**<0.00745**	<0.00520
	MW-113	Oct-23	FD	**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**0.691**		**<0.00630**	<0.00409	**<0.00745**	<0.00520
	MW-113	Apr-24		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	0.0447		**<0.000630**	<0.000409	<0.000745	0.000958 J
	MW-113	Apr-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.0431		**<0.000126**	<0.0000819	<0.000149	0.000868 J
	MW-113	Oct-24		**<0.0147**	<0.0149	**<0.0133**	**<0.0158**	<0.0100	**<0.0188**	**0.542**		**<0.0126**	**<0.00819**	**<0.0149**	0.0109 J
	MW-113	Oct-24	FD	**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	**0.485**		**<0.00252**	<0.00164	<0.00298	<0.00208
	MW-113	Apr-25		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	0.0429		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-113	Apr-25	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.0448		**<0.000126**	<0.0000819	<0.000149	0.000862 J
	MW-113	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	0.0246		**<0.000341**	<0.000395	<0.000427	0.000440 J
	MW-113	Oct-25	FD	<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	0.0262		**<0.000341**	<0.000395	<0.000427	0.000494 J
	MW-125	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-125	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-125	Apr-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819 J4	<0.000149	<0.000104
	MW-125	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-125	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-125	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-126A	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-126A	Oct-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	0.00162
	MW-126A	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-126A	Oct-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-126B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-126B	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-126B	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-126B	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-126B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-126B	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-127	Oct-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.0327		**<0.000381**	<0.000361	<0.000306	0.00452
	MW-127	Apr-18		**<0.00770**	<0.00638	<0.00260	**<0.00766**	<0.00518	**<0.00796**	0.0375		**<0.00762**	**<0.00722**	**<0.00612**	<0.00774
	MW-127	Oct-18		**<0.00770**	<0.00638	<0.00260	**<0.00766**	<0.00518	**<0.00796**	0.0272		**<0.00762**	**<0.00722**	**<0.00612**	<0.00774
	MW-127	Apr-19		**<0.00770**	<0.00638	<0.00260	**<0.00766**	<0.00518	**<0.00796**	0.0399	<0.00000240	**<0.00762**	**<0.00722**	**<0.00612**	<0.00774
	MW-128	Oct-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.00233		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-128	Apr-18		**<0.00770**	<0.00638	<0.00260	**<0.00766**	<0.00518	**<0.00796**	<0.00746		**<0.00762**	**<0.00722**	**<0.00612**	<0.00774
	MW-128	Oct-18		**<0.00770**	<0.00638	<0.00260	**<0.00766**	<0.00518	**<0.00796**	<0.00746		**<0.00762**	**<0.00722**	**<0.00612**	<0.00774
	MW-128	Apr-19		**<0.00770**	<0.00638	<0.00260	**<0.00766** J4	<0.00518	**<0.00796**	<0.00746		**<0.00762**	**<0.00722**	**<0.00612**	<0.00774
	MW-129	Apr-15		<0.000380	<0.000319	<0.000130	<0.000380	<0.000260	<0.000400	0.00286	**<0.000380**		<0.000360	<0.000310	0.000679 J
	MW-129	Oct-15		**<0.0385**	<0.0319	**<0.0130**	**<0.0383**	**<0.0259**	**<0.0398**	<0.0373	**<0.0381**		**<0.0361**	**<0.0306**	<0.0387
	MW-129	Apr-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.00101		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-129	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.000452 J		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-130	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-130	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-130	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-130	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-130	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-130	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	1,1,1,2-Tetra-chloroethane	1,1,1-Tri-chloroethane	1,1,2,2-Tetra-chloroethane	1,1,2-Tri-chloroethane	1,1-Di-chloroethane	1,1-Di-chloroethene	1,2,4-Trimethyl-benzene	1,2-Dibromoethane (Ethylene dibromide) - 8011	1,2-Dibromoethane (Ethylene dibromide) - 8260	1,2-Di-chloroethane	1,2-Di-chloropropane	1,3,5-Trimethyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.000570	0.200	0.0100	0.00500	0.0250	0.00700	0.0560	0.0000500	0.0000500	0.00500	0.00500	0.0600
				CGWSL Source:	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	USEPA TW
Area	Well ID	Date	Dup													
Field East of Refinery	MW-131	Apr-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.0137		**<0.000381**	<0.000361	<0.000306	0.00348
	MW-131	Oct-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	**<0.0932**		**<0.000381**	<0.000361	<0.000306	0.00174
	MW-131	Oct-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	**0.167**		**<0.000381**	<0.000361	<0.000306	0.0432
	MW-131	Jun-20		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**0.110**		**<0.00630**	<0.00409	**<0.00745**	0.0408 J
	MW-133	Nov-14		**<0.0380**	<0.0320	**<0.0130**	**<0.0380**	**<0.0260**	**<0.0400**	**0.280**	**<0.0380**		**<0.0360**	**<0.0310**	0.0530 J
	MW-133	Apr-15		**<0.0380**	<0.0319	**<0.0130**	**<0.0380**	**<0.0260**	**<0.0400**	**0.138**	**<0.0380**		**<0.0360**	**<0.0310**	<0.0390
	MW-134	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-134	Mar-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-134	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-134	Oct-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-134	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-134	Apr-24	FD	<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819 J4	<0.000149	<0.000104
	MW-134	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-134	Oct-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-134	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-134	Apr-25	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-134	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-134	Oct-25	FD	<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-135	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-135	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-135	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-135	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-135	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-135	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-145	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-145	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-145	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-145	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-145	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-145	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-146	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-146	Mar-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-146	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-146	Oct-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-146	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-146	Apr-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-146	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-146	Oct-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-146	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-146	Apr-25	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-146	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-146	Oct-25	FD	<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-147	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-147	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-147	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-147	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-147	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-148	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-148	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-148	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-148	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-148	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-148	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-151	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-151	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-160	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-160	Apr-25		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-160	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-161	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.00137	<0.000149	<0.000104
	MW-161	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322 J4		**<0.000126**	0.00189	<0.000149	<0.000104
	MW-161	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274	<0.00000550	**<0.000341**	0.00193	<0.000427	<0.000266
	RA-1227	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RA-4196	Oct-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	RA-4196	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RA-4196	Oct-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000876 J	<0.000149	<0.000104
	RA-4196	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000275 J	<0.000149	<0.000104
	RA-4196R	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322	<0.00000552	**<0.000126**	0.000237 J	<0.000149	<0.000104
	RA-4196R	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322	<0.00000600	**<0.000126**	<0.0000819	<0.000149	<0.000104
	RA-4196R	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RA-4196R	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000406 J	<0.000149	<0.000104
	RA-4196R	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	0.000471 J	<0.000427	<0.000266
	RA-4798	Oct-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000877 J	<0.000149	<0.000104
	RA-4798	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.00128	<0.000149	<0.000104
	RA-4798	Sep-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322	<0.00000536	**<0.000126**	0.00209	<0.000149	<0.000104
	RA-4798	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322	<0.00000536	**<0.000126**	0.000128 J	<0.000149	<0.000104
	RW-12R	Apr-17		**<0.00192**	<0.00160	<0.000650	<0.00192	<0.00130	<0.00199	0.0338		**<0.00190**	<0.00180	<0.00153	<0.00194
	RW-12R	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.00448		**<0.000381**	<0.000361	<0.000306	<0.000387
	RW-12R	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383 J4	<0.000259	<0.000398	0.0102		**<0.000381**	<0.000361	<0.000306	<0.000387
	RW-12R	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00494		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RW-13R	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.0443		**<0.000381**	0.000655 J	<0.000306	0.000443 J
	RW-13R	Mar-23		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**0.534**	<0.00000547	**<0.00630**	<0.00409	**<0.00745**	**0.113**
	RW-13R	Apr-25		**<0.0368**	<0.0373	**<0.0333**	**<0.0395**	<0.0250	**<0.0470**	**18.6**	<0.00000550	**<0.0315**	**<0.0205**	**<0.0373**	**5.24**
	RW-18A	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	RW-18A	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	RW-18A	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RW-18A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RW-20B	Apr-15		**<0.00380**	<0.00319	<0.00130	<0.00380	<0.00260	<0.00400	**0.539**	**<0.00380**		<0.00360	<0.00310	**0.113**
	RW-22	Apr-15		**<0.00380**	<0.00319	<0.00130	<0.00380	<0.00260	<0.00400	**0.575**	**<0.00380**		<0.00360	<0.00310	**0.0853**
NCL	MW-18	Apr-22		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-18	Mar-23		<0.000147	<0.000149	<0.000133 J3	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126** J3	<0.0000819 J3	<0.000149	<0.000104
	MW-18	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-18	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-45	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-45	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-45	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-45	Oct-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-45	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-45	Oct-25		<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-53	Apr-15		<0.000380	<0.000319	<0.000130	<0.000380	<0.000260	<0.000400	<0.000370	**<0.000380**		<0.000360	<0.000310	<0.000390
	MW-53	Apr-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-53	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-53	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-53R	Apr-22		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-53R	Mar-23		<0.000147	<0.000149	<0.000133 J3	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126** J3	<0.0000819 J3	<0.000149	<0.000104
	MW-53R	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-53R	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	1,1,1,2-Tetra-chloroethane	1,1,1-Tri-chloroethane	1,1,2,2-Tetra-chloroethane	1,1,2-Tri-chloroethane	1,1-Di-chloroethane	1,1-Di-chloroethene	1,2,4-Trimethyl-benzene	1,2-Dibromoethane (Ethylene dibromide) - 8011	1,2-Dibromoethane (Ethylene dibromide) - 8260	1,2-Di-chloroethane	1,2-Di-chloropropane	1,3,5-Trimethyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.000570	0.200	0.0100	0.00500	0.0250	0.00700	0.0560	0.0000500	0.0000500	0.00500	0.00500	0.0600
				CGWSL Source:	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
NCL	MW-54A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-54A	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-54A	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-54A	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-54A	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-54A	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-54B	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-54B	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-54B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-54B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322	<0.00000567	**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-55	Mar-23		<0.000147	<0.000149	<0.000133 J3	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126** J3	<0.0000819 J3	<0.000149	<0.000104
	MW-55	Oct-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-55	Apr-24		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-55	Oct-24		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-55	Apr-25		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-55	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-56	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-56	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-56	Oct-24													
	MW-56	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-56	Oct-25													
	MW-108	Mar-23		<0.000147	<0.000149	<0.000133 J3	<0.000158	<0.000100	<0.000188	0.00272		**<0.000126** J3	<0.0000819 J3	<0.000149	<0.000104
	MW-108	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-108	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-108	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-108	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-108	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	NCL-31	Mar-23		<0.000147	<0.000149	<0.000133 J3	<0.000158	<0.000100	<0.000188	0.000380 J		**<0.000126** J3	<0.0000819 J3	<0.000149	<0.000104
	NCL-31	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-31	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-31	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-31	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-31	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	NCL-32	Mar-23		<0.000147	<0.000149	<0.000133 J3	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126** J3	<0.0000819 J3	<0.000149	<0.000104
	NCL-32	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00132		**<0.000126**	<0.0000819	<0.000149	0.000252 J
	NCL-32	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000711 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-32	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000773 J		**<0.000126**	<0.0000819	<0.000149	0.000158 J
	NCL-32	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000901 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-32	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	0.000658 J		**<0.000341**	<0.000395	<0.000427	<0.000266
	NCL-33	Mar-23		<0.000147	<0.000149	<0.000133 J3	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126** J3	<0.0000819 J3	<0.000149	<0.000104
	NCL-33	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-33	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-33	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-33	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-33	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	NCL-34A	Oct-18		**<0.00385**	<0.00319	<0.00130	<0.00383	<0.00259	<0.00398	0.00612 J		**<0.00381**	<0.00361	<0.00306	<0.00387
	NCL-34A	Apr-19		**<0.00770**	<0.00638	<0.00260	**<0.00766**	<0.00518	**<0.00796**	<0.00746		**<0.00762**	**<0.00722**	**<0.00612**	<0.00774
	NCL-34A	Oct-19		**<0.00193**	<0.00159	<0.000650 J4	<0.00192	<0.00130	<0.00199	0.00369 J		**<0.00191**	<0.00181	<0.00153	0.00207 J
	NCL-34A	Jun-20		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	0.0113 J		**<0.00252**	<0.00164	<0.00298	0.00286 J
	NCL-44	Mar-23		<0.000147	<0.000149	<0.000133 J3	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126** J3	<0.0000819 J3	<0.000149	<0.000104
	NCL-44	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-44	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-44	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-44	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-44	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	NCL-49	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-49	Mar-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-49	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-49	Oct-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-49	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-49	Apr-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-49	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-49	Oct-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-49	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-49	Apr-25	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NCL-49	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	NCL-49	Oct-25	FD	<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
North Refinery	MW-23	Apr-19		**<0.0385**	<0.0319	**<0.0130**	**<0.0383**	**<0.0259**	**<0.0398**	<0.0373		**<0.0381**	**<0.0361**	**<0.0306**	<0.0387
	MW-23	Oct-19		**<0.00385**	<0.00319	<0.00130	<0.00383	<0.00259	<0.00398	<0.00373		**<0.00381**	<0.00361	<0.00306	<0.00387
	MW-23	Jun-20		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-23	Oct-20		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-29	Oct-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000205 J	0.000511 J	<0.000104
	MW-29	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-29	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-29	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000280 J	<0.000149	<0.000104
	MW-39	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.0144		**<0.000381**	<0.000361	<0.000306	0.00508
	MW-39	Oct-19		<0.000385	<0.000319	<0.000130	<0.000383 J4	<0.000259	<0.000398	0.00573		**<0.000381** J4	<0.000361	<0.000306	0.00237
	MW-39	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00959		**<0.000126**	<0.0000819	<0.000149	0.00206
	MW-39	Oct-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00377		**<0.000126**	<0.0000819	<0.000149	0.00119
	MW-40	Apr-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.000538 J		**<0.000381**	<0.000361	0.000706 J	<0.000387
	MW-40	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-40	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-40	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-41	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	0.00152	<0.000387
	MW-41	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	0.00195	<0.000387
	MW-41	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	0.00389	<0.000104
	MW-41	Apr-21		<0.000147 J4	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	0.00281	<0.000104
	MW-42	Apr-19		**<0.00192**	<0.00160	<0.000650	<0.00192	<0.00130	<0.00199	0.0148		**<0.00190**	<0.00180	<0.00153	<0.00194
	MW-42	Jun-20		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	0.0163		**<0.000630**	<0.000409	<0.000745	<0.000520
	MW-42	Apr-21		**<0.000735** J4	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	0.00322 J		**<0.000630**	<0.000409	0.00220 J	<0.000520
	MW-42	Apr-22		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	0.00908		**<0.000630**	0.000571 J	<0.000745	0.00238 J
	MW-43	Apr-19		**<0.0770**	<0.0638	**<0.0260**	**<0.0766**	**<0.0518**	**<0.0796**	**0.450**		**<0.0762**	**<0.0722**	**<0.0612**	**0.0997 J**
	MW-43	Oct-19		**<0.0770**	<0.0638	**<0.0260**	**<0.0766**	**<0.0518**	**<0.0796**	**0.423**		**<0.0762**	**<0.0722**	**0.0867 J**	**0.128 J**
	MW-43	Jun-20		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	**0.284**		**<0.00252**	<0.00164	<0.00298	0.00304 J
	MW-43	Oct-20		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**0.302**		**<0.00630**	<0.00409	**<0.00745**	<0.00520
	MW-59	Apr-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-59	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-59	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383 J4	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-59	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-60	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-60	Jun-20	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000401 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-60	Oct-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-60	Oct-20	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	1,1,1,2-Tetra-chloroethane	1,1,1-Tri-chloroethane	1,1,2,2-Tetra-chloroethane	1,1,2-Tri-chloroethane	1,1-Di-chloroethane	1,1-Di-chloroethene	1,2,4-Trimethyl-benzene	1,2-Dibromoethane (Ethylene dibromide) - 8011	1,2-Dibromoethane (Ethylene dibromide) - 8260	1,2-Di-chloroethane	1,2-Di-chloropropane	1,3,5-Trimethyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.000570	0.200	0.0100	0.00500	0.0250	0.00700	0.0560	0.0000500	0.0000500	0.00500	0.00500	0.0600
				CGWSL Source:	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	USEPA TW
Area	Well ID	Date	Dup													
North Refinery	MW-61	Mar-23		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**0.230**		**<0.00630**	<0.00409	**<0.00745**	0.0280 J
	MW-61	Oct-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.312**		**<0.00126**	<0.000819	<0.00149	0.0351
	MW-61	Apr-24		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	**0.336**		**<0.00252**	<0.00164	<0.00298	0.0399
	MW-61	Oct-24		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.268**		**<0.00126**	<0.000819	<0.00149	0.0469
	MW-61	Apr-25		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**0.228 J4**		**<0.00630**	<0.00409	**<0.00745**	0.0269 J
	MW-61	Oct-25		**<0.0191**	<0.0168	**<0.0177**	**<0.0188**	<0.0195	**<0.0211**	**0.307**		**<0.0170**	**<0.0198**	**<0.0214**	0.0337 J
	MW-62	Oct-20		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	**0.347**		**<0.00252**	<0.00164	<0.00298	**0.0783**
	MW-62	Sep-21		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**1.20**	<0.00000536	**<0.00630**	<0.00409	**<0.00745**	**0.204**
	MW-62	Apr-22		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**1.12**	<0.00000536	**<0.00630**	<0.00409	**<0.00745**	**0.219**
	MW-62	Oct-22		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**0.520**		**<0.00630**	<0.00409	**<0.00745**	**0.0668**
	MW-62R	Apr-21		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	0.0469 J		**<0.00630**	<0.00409	**<0.00745**	<0.00520
	MW-62R	Apr-22		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	0.0196		**<0.00126**	<0.000819	<0.00149	0.00482 J
	MW-62R	Mar-23		**<0.0147**	<0.0149	**<0.0133**	**<0.0158**	<0.0100	**<0.0188**	<0.0322		**<0.0126**	**<0.00819**	**<0.0149**	<0.0104
	MW-62R	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00898		**<0.000126**	<0.0000819	<0.000149	0.00150
	MW-67	Oct-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.00119		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-67	Apr-18		**<0.00192**	<0.00160	<0.000650	<0.00192	<0.00130	<0.00199	0.00206 J		**<0.00190**	<0.00180	<0.00153	<0.00194
	MW-67	Oct-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.000557 J		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-67	Apr-19		**<0.00192**	<0.00160	<0.000650	<0.00192	<0.00130	<0.00199	<0.00186		**<0.00190**	<0.00180	<0.00153	<0.00194
	MW-90	Mar-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-90	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-90	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-90	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-90	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188 J4	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-90	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-91	Oct-18		**<0.0385**	<0.0319	**<0.0130**	**<0.0383**	**<0.0259**	**<0.0398**	**0.182**		**<0.0381**	**<0.0361**	**<0.0306**	0.0510 J
	MW-91	Apr-19		**<0.0385**	<0.0319	**<0.0130**	**<0.0383**	**<0.0259**	**<0.0398**	**0.216**		**<0.0381**	**<0.0361**	**<0.0306**	0.0571 J
	MW-91	Oct-19		**<0.0385**	<0.0319	**<0.0130**	**<0.0383** J4	**<0.0259**	**<0.0398**	**0.239**		**<0.0381** J4	**<0.0361**	**<0.0306**	**0.0675 J**
	MW-91	Jun-20		**<0.0147**	<0.0149	**<0.0133**	**<0.0158**	<0.0100	**<0.0188**	**0.234**		**<0.0126**	**<0.00819**	**<0.0149**	**0.0671 J**
	MW-93	Apr-17		**<0.00962**	<0.00798	<0.00325	**<0.00958**	<0.00648	**<0.00995**	**0.148**		**<0.00952**	**<0.00902**	**<0.00765**	0.0236 J
	MW-93	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	**0.116**		**<0.000381**	<0.000361	0.00116	0.0260
	MW-93	Apr-19		<0.000385	<0.000319	<0.000130	0.000927 J	<0.000259	<0.000398	**0.187**		**<0.000381**	<0.000361	<0.000306	0.0356
	MW-93	Jun-20		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	**0.111**		**<0.00252**	<0.00164	<0.00298	0.0243
	MW-94	Nov-14		**<0.00770**	<0.00640	<0.00260	**<0.00770**	<0.00520	**<0.00800**	**0.540**	**<0.00760**		**<0.00720**	**<0.00610**	**0.120**
	MW-94	Oct-15		**<0.00385**	<0.00319	<0.00130	<0.00383	<0.00259	<0.00398	**0.432**	**<0.00381**		<0.00361	<0.00306	**0.0857**
	MW-94	Apr-17		**<0.00962**	<0.00798	<0.00325	**<0.00958**	<0.00648	**<0.00995**	**0.398**		**<0.00952**	**<0.00902**	**<0.00765**	**0.0785**
	MW-95	Apr-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-95	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-95	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	MW-95	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-96	Mar-23		**<0.147**	<0.149	**<0.133** J3	**<0.158**	**<0.100**	**<0.188**	**<0.322**		**<0.126** J3	**<0.0819** J3	**<0.149**	**<0.104**
	MW-96	Oct-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-96	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000489 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-96	Oct-24		**<0.147**	<0.149	**<0.133**	**<0.158**	**<0.100**	**<0.188**	**<0.322**		**<0.126**	**<0.0819**	**<0.149**	**<0.104**
	MW-96	Apr-25		**<0.147**	<0.149	**<0.133**	**<0.158**	**<0.100**	**<0.188**	**<0.322**		**<0.126**	**<0.0819**	**<0.149**	**<0.104**
	MW-96	Oct-25		**<0.381**	**<0.336**	**<0.354**	**<0.375**	**<0.389**	**<0.422**	**<0.274**		**<0.341**	**<0.395**	**<0.427**	**<0.266**
	MW-98	Mar-23		**<0.0294**	<0.0298	**<0.0266**	**<0.0316**	<0.0200	**<0.0376**	**0.495**		**<0.0252**	**<0.0164**	**<0.0298**	**0.105 J**
	MW-98	Oct-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.561**		**<0.00126**	<0.000819	<0.00149	**0.126**
	MW-98	Apr-24		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**0.421**		**<0.00630**	<0.00409	**<0.00745**	**0.0966**
	MW-98	Oct-24		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**0.480**		**<0.00630**	<0.00409	**<0.00745**	**0.115**
	MW-98	Apr-25		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	**0.539**		**<0.00630**	<0.00409	**<0.00745**	**0.118**
	MW-98	Oct-25		**<0.0191**	<0.0168	**<0.0177**	**<0.0188**	<0.0195	**<0.0211**	**0.619**		**<0.0170**	**<0.0198**	**<0.0214**	**0.141**
	MW-137	Oct-17		**<0.0770**	<0.0638	**<0.0260**	**<0.0766**	**<0.0518**	**<0.0796**	**0.559**		**<0.0762**	**<0.0722**	**<0.0612**	**0.137 J**
	MW-137	Apr-18		**<0.0770**	<0.0638	**<0.0260**	**<0.0766**	**<0.0518**	**<0.0796**	**0.531**		**<0.0762**	**<0.0722**	**<0.0612**	**0.125 J**
	MW-137	Oct-18		**<0.0770**	<0.0638	**<0.0260**	**<0.0766**	**<0.0518**	**<0.0796**	**0.342**		**<0.0762**	**<0.0722**	**<0.0612**	**<0.0774**
	MW-137	Apr-19		**<0.0770**	<0.0638	**<0.0260**	**<0.0766**	**<0.0518**	**<0.0796**	**0.426**		**<0.0762**	**<0.0722**	**<0.0612**	**0.0946 J**
	MW-138	Oct-17		**<0.00192**	<0.00160	<0.000650	<0.00192	<0.00130	<0.00199	0.00547		**<0.00190**	<0.00180	<0.00153	<0.00194
	MW-138	Apr-18		**<0.00192**	<0.00160	<0.000650	<0.00192	<0.00130	<0.00199	0.0413		**<0.00190**	<0.00180	<0.00153	0.00633
	MW-138	Oct-18		**<0.00192**	<0.00160	<0.000650	<0.00192	<0.00130	<0.00199	**0.0799**		**<0.00190**	<0.00180	<0.00153	0.0121
	MW-138	Apr-19		**<0.00192**	<0.00160	<0.000650	<0.00192	<0.00130	<0.00199	**0.126**		**<0.00190**	<0.00180	<0.00153	0.0214
	MW-157	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-157	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188 J4	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-157	Oct-25		<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	RW-1	Apr-15		**<0.0190**	<0.0160	<0.00650	**<0.0190**	<0.0130	**<0.0200**	<0.0190	**<0.0190**		**<0.0180**	**<0.0150**	<0.0190
	RW-1	Apr-17		**<0.00385**	<0.00319	<0.00130	<0.00383	<0.00259	<0.00398	<0.00373		**<0.00381**	<0.00361	<0.00306	<0.00387
	RW-1	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	0.00110	0.0303		**<0.000381**	<0.000361	<0.000306	0.00550
	RW-1	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	0.00107	0.0348		**<0.000381**	<0.000361	<0.000306	0.00566
	RW-2	Apr-17		**<0.0192**	<0.0160	<0.00650	**<0.0192**	<0.0130	**<0.0199**	**0.271**		**<0.0190**	**<0.0180**	**<0.0153**	**0.0664**
	RW-2	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	0.00122	**0.329**		**<0.000381**	<0.000361	0.000959 J	**0.0783**
	RW-2	Mar-23		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	**0.0692**		**<0.00252**	<0.00164	<0.00298	0.0187 J
	RW-2	Apr-25		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	0.00163 J		**<0.000630**	<0.000409	<0.000745	<0.000520
	RW-7	Apr-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	RW-7	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.00502		**<0.000381**	<0.000361	<0.000306	0.000415 J
	RW-7	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.00114		**<0.000381**	<0.000361	<0.000306	<0.000387
	RW-7	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000639 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RW-8	Apr-15		**<0.00380**	<0.00319	<0.00130	<0.00380	<0.00260	<0.00400	0.00710 J	**<0.00380**		<0.00360	<0.00310	<0.00390
	RW-8	Apr-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	**0.0928**		**<0.000381**	0.00343	<0.000306	0.0249
	RW-9	Apr-22		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322	<0.00000557	**<0.00126**	<0.000819	<0.00149	<0.00104
	RW-9	Mar-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322	<0.00000547	**<0.00126**	<0.000819	<0.00149	<0.00104
	RW-9	Apr-24		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	RW-9	Apr-25		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	RW-10	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.000631 J		**<0.000381**	<0.000361	<0.000306	<0.000387
	RW-10	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.000377 J		**<0.000381**	<0.000361	<0.000306	<0.000387
	RW-10	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000959 J		**<0.000126**	<0.0000819	<0.000149	0.000180 J
	RW-10	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00429		**<0.000126**	<0.0000819	<0.000149	0.000850 J
	RW-16B	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	RW-16B	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000398 J		**<0.000126**	<0.0000819	<0.000149	0.000156 J
	RW-16B	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000633 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RW-16B	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RW-17A	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	RW-17A	Apr-19		<0.000385 J4	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381** J4	<0.000361	<0.000306	<0.000387
	RW-17A	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RW-17A	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	1,1,1,2-Tetra-chloroethane	1,1,1-Tri-chloroethane	1,1,2,2-Tetra-chloroethane	1,1,2-Tri-chloroethane	1,1-Di-chloroethane	1,1-Di-chloroethene	1,2,4-Trimethyl-benzene	1,2-Dibromoethane (Ethylene dibromide) - 8011	1,2-Dibromoethane (Ethylene dibromide) - 8260	1,2-Di-chloroethane	1,2-Di-chloropropane	1,3,5-Trimethyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.000570	0.200	0.0100	0.00500	0.0250	0.00700	0.0560	0.0000500	0.0000500	0.00500	0.00500	0.0600
				CGWSL Source:	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
North RO Reject Field	MW-117	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-117	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-117	Apr-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819 J4	<0.000149	<0.000104
	MW-117	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-117	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-117	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-118	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-118	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-118	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-118	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-118	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-118	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-119	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-119	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-119	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000662 J		**<0.000126**	<0.0000819	<0.000149	0.000151 J
	MW-119	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-119	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-119	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-140	Mar-23													
	MW-140	Oct-23													
	MW-140	Apr-24													
	MW-140	Oct-24													
	MW-140	Apr-25													
	MW-140	Oct-25													
	MW-141	Mar-23													
	MW-141	Oct-23													
	MW-141	Apr-24													
	MW-141	Oct-24													
	MW-141	Apr-25													
	MW-141	Oct-25													
	MW-142	Mar-23													
	MW-142	Oct-23													
	MW-142	Apr-24													
	MW-142	Oct-24													
	MW-142	Apr-25													
	MW-142	Oct-25													
	MW-143	Mar-23													
	MW-143	Oct-23													
	MW-143	Apr-24													
	MW-143	Oct-24													
	MW-143	Apr-25													
	MW-143	Oct-25													
	MW-162	Oct-24													
	MW-162	Apr-25													
	MW-162	Oct-25													
South Refinery	KWB-2R	Oct-19		<0.000385	<0.000319	<0.000130	<0.000383 J4	<0.000259	<0.000398	**0.139**		**<0.000381** J4	<0.000361	<0.000306	0.00233
	KWB-2R	Mar-23		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	**0.0649**		**<0.000630**	<0.000409	<0.000745	0.0201
	KWB-2R	Oct-23		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	0.00513		**<0.000630**	<0.000409	<0.000745	0.00235 J
	KWB-2R	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.0121		**<0.000126**	<0.0000819	<0.000149	0.00331
	KWB-5	Oct-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	**<0.0932**		**<0.000381**	<0.000361	<0.000306	<0.000387
	KWB-5	Apr-18		**<0.0962**	<0.0798	**<0.0325**	**<0.0958**	**<0.0648**	**<0.0995**	**<0.0932**		**<0.0952**	**<0.0902**	**<0.0765**	**<0.0968**
	KWB-5	Oct-18		**<0.0962**	<0.0798	**<0.0325**	**<0.0958**	**<0.0648**	**<0.0995**	**<0.0932**		**<0.0952**	**<0.0902**	**<0.0765**	**<0.0968**
	KWB-5	Apr-19		**<0.0962**	<0.0798	**<0.0325**	**<0.0958**	**<0.0648**	**<0.0995**	**<0.0932**		**<0.0952**	**<0.0902**	**<0.0765**	**<0.0968**
	KWB-6	Apr-17		**<0.00192**	<0.00160	<0.000650	<0.00192	<0.00130	<0.00199	**0.399**		**<0.00190**	0.00451 J	<0.00153	0.0517
	KWB-6	Oct-17		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	**0.206**		**<0.000381**	<0.000361	<0.000306	0.0302
	KWB-6	Apr-18		**<0.00770**	<0.00638	<0.00260	**<0.00766**	<0.00518	**<0.00796**	**0.164**		**<0.00762**	**<0.00722**	**<0.00612**	0.0557
	KWB-6	Oct-18		**<0.00770**	<0.00638	<0.00260	**<0.00766**	<0.00518	**<0.00796**	**0.122**		**<0.00762**	**<0.00722**	**<0.00612**	**0.0611**
	MW-28	Apr-19		**<0.0192**	<0.0160	<0.00650	**<0.0192** J4	<0.0130	**<0.0199**	**0.107**		**<0.0190**	**<0.0180**	**<0.0153**	<0.0194
	MW-28	Oct-19		**<0.0193**	<0.0159	<0.00650	**<0.0192**	<0.0130	**<0.0199**	**0.213**		**<0.0191**	**<0.0181**	**<0.0153**	0.0243 J
	MW-28	Jun-20		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	0.0527		**<0.000630**	<0.000409	<0.000745	<0.000520
	MW-28	Oct-20		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	0.0430		**<0.000630**	<0.000409	<0.000745	0.00133 J
	MW-48	Apr-18		**<0.0962**	<0.0798	**<0.0325**	**<0.0958**	**<0.0648**	**<0.0995**	**0.381**		**<0.0952**	**<0.0902**	**<0.0765**	**<0.0968**
	MW-48	Oct-18		**<0.0962**	<0.0798	**<0.0325**	**<0.0958**	**<0.0648**	**<0.0995**	**0.377**		**<0.0952**	**<0.0902**	**<0.0765**	**<0.0968**
	MW-48	Apr-19		**<0.0962**	<0.0798	**<0.0325**	**<0.0958**	**<0.0648**	**<0.0995**	**0.564**		**<0.0952**	**<0.0902**	**<0.0765**	**<0.0968**
	MW-48	Oct-19		**<0.0963**	<0.0798	**<0.0325**	**<0.0958**	**<0.0648**	**<0.0995**	**0.240 J**		**<0.0953**	**<0.0903**	**<0.0765**	**<0.0967**
	MW-50	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000541 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-50	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000669 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-50	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-50	Oct-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-50	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-50	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-52	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-52	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00129		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-52	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-52	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-52	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-52	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-64	Mar-23		**<0.0735**	<0.0745	**<0.0665**	**<0.0790**	**<0.0500**	**<0.0940**	**0.596**		**<0.0630**	**<0.0409**	**<0.0745**	**0.142 J**
	MW-64	Oct-23		**<0.0147**	<0.0149	**<0.0133**	**<0.0158**	<0.0100	**<0.0188**	**0.580**		**<0.0126**	**<0.00819**	**<0.0149**	**0.125**
	MW-64	Apr-24		**<0.0735**	<0.0745 J4	**<0.0665**	**<0.0790**	**<0.0500**	**<0.0940**	**0.792**		**<0.0630**	**<0.0409** J4	**<0.0745**	**0.194 J**
	MW-64	Oct-24		**<0.0735**	<0.0745	**<0.0665**	**<0.0790**	**<0.0500**	**<0.0940**	**0.494 J**		**<0.0630**	**<0.0409**	**<0.0745**	<0.0520
	MW-64	Apr-25		**<0.0735**	<0.0745	**<0.0665**	**<0.0790**	**<0.0500**	**<0.0940**	**0.482 J**		**<0.0630**	**<0.0409**	**<0.0745**	**0.125 J**
	MW-64	Oct-25		**<0.191**	<0.168	**<0.177**	**<0.188**	**<0.195**	**<0.211**	**0.637 J**		**<0.170**	**<0.198**	**<0.214**	**0.143 J**
	MW-65	Oct-19		**<0.0385**	<0.0319	**<0.0130**	**<0.0383** J4	**<0.0259**	**<0.0398**	<0.0373		**<0.0381** J4	**<0.0361**	**<0.0306**	<0.0387
	MW-65	Mar-23		<0.000147	<0.000149	<0.000133 J3	<0.000158	<0.000100	<0.000188	0.00173		**<0.000126** J3	<0.0000819 J3	<0.000149	0.00101
	MW-65	Oct-23		**<0.00368**	<0.00373	<0.00333	<0.00395	<0.00250	<0.00470	<0.00805		**<0.00315**	<0.00205	<0.00373	<0.00260
	MW-65	Apr-24		**<0.00368**	<0.00373 J4	<0.00333	<0.00395	<0.00250	<0.00470	<0.00805		**<0.00315**	<0.00205 J4	<0.00373	<0.00260
	MW-66	Oct-19		**<0.00963**	<0.00797	<0.00325	**<0.00958**	<0.00648	**<0.00995**	<0.00933		**<0.00953**	**<0.00903**	**<0.00765**	<0.00968
	MW-66	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000705 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-66	Oct-20		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-66	Apr-21		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	0.00570 J		**<0.00126**	<0.000819	<0.00149	0.00114 J
	MW-99	Oct-18		**<0.0385**	<0.0319	**<0.0130**	**<0.0383**	**<0.0259**	**<0.0398**	**0.284**		**<0.0381**	**<0.0361**	**<0.0306**	<0.0387
	MW-99	Apr-19		**<0.0385**	<0.0319	**<0.0130**	**<0.0383** J4	**<0.0259**	**<0.0398**	**0.352**		**<0.0381**	**<0.0361**	**<0.0306**	<0.0387
	MW-99	Oct-19		**<0.0385**	<0.0319	**<0.0130**	**<0.0383**	**<0.0259**	**<0.0398**	**0.234**		**<0.0381**	**<0.0361**	**<0.0306**	<0.0387
	MW-99	Jun-20		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.149**		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-101	Mar-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.0707**		**<0.00126**	<0.000819	<0.00149	0.00255 J
	MW-101	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-101	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-101	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00449		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-101	Apr-25		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	<0.00644		**<0.00252**	<0.00164	<0.00298	<0.00208
	MW-101	Oct-25		<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	0.000351 J		**<0.000341**	<0.000395	<0.000427	<0.000266

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	1,1,1,2-Tetra-chloroethane	1,1,1-Tri-chloroethane	1,1,2,2-Tetra-chloroethane	1,1,2-Tri-chloroethane	1,1-Di-chloroethane	1,1-Di-chloroethene	1,2,4-Trimethyl-benzene	1,2-Dibromoethane (Ethylene dibromide) - 8011	1,2-Dibromoethane (Ethylene dibromide) - 8260	1,2-Di-chloroethane	1,2-Di-chloropropane	1,3,5-Trimethyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.000570	0.200	0.0100	0.00500	0.0250	0.00700	0.0560	0.0000500	0.0000500	0.00500	0.00500	0.0600
				CGWSL Source:	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
South Refinery	MW-102	Mar-23		**<0.0294**	<0.0298	**<0.0266**	**<0.0316**	<0.0200	**<0.0376**	**0.184 J**		**<0.0252**	**<0.0164**	**<0.0298**	0.0382 J
	MW-102	Mar-23	FD	**<0.0147**	<0.0149	**<0.0133**	**<0.0158**	<0.0100	**<0.0188**	**0.159**		**<0.0126**	**<0.00819**	**<0.0149**	0.0299 J
	MW-102	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	**0.190**		**<0.000126**	<0.0000819	<0.000149	0.0351
	MW-102	Oct-23	FD	**<0.0368**	<0.0373	**<0.0333**	**<0.0395**	<0.0250	**<0.0470**	**0.143 J**		**<0.0315**	**<0.0205**	**<0.0373**	0.0311 J
	MW-102	Apr-24		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.257**		**<0.00126**	<0.000819	<0.00149	0.0526
	MW-102	Apr-24	FD	**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.210**		**<0.00126**	0.00240 J	<0.00149	0.0418
	MW-102	Oct-24		**<0.0368**	<0.0373	**<0.0333**	**<0.0395**	<0.0250	**<0.0470**	**0.113 J**		**<0.0315**	**<0.0205**	**<0.0373**	<0.0260
	MW-102	Oct-24	FD	**<0.0368**	<0.0373	**<0.0333**	**<0.0395**	<0.0250	**<0.0470**	**0.152 J**		**<0.0315**	**<0.0205**	**<0.0373**	<0.0260
	MW-102	Apr-25		**<0.0368**	<0.0373	**<0.0333**	**<0.0395**	<0.0250	**<0.0470**	**0.150 J**		**<0.0315**	**<0.0205**	**<0.0373**	0.0363 J
	MW-102	Apr-25	FD	**<0.0368**	<0.0373	**<0.0333**	**<0.0395**	<0.0250	**<0.0470**	**0.167 J**		**<0.0315**	**<0.0205**	**<0.0373**	0.0407 J
	MW-102	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	**0.233**		**<0.000341**	<0.000395	<0.000427	0.0469
	MW-102	Oct-25	FD	**<0.191**	<0.168	**<0.177**	**<0.188**	**<0.195**	**<0.211**	**0.237 J**		**<0.170**	**<0.198**	**<0.214**	**<0.133**
	MW-103	Apr-22		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-103	Mar-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-103	Apr-24		**<0.00147**	<0.00149 J4	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819 J4	<0.00149	<0.00104
	MW-103	Apr-25		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-104	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-104	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-104	Apr-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819 J4	<0.000149	<0.000104
	MW-104	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-104	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	0.000104 J	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-104	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-105	Mar-23		**<0.0147**	<0.0149	**<0.0133**	**<0.0158**	<0.0100	**<0.0188**	0.0363 J		**<0.0126**	**<0.00819**	**<0.0149**	<0.0104
	MW-105	Oct-23		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	0.0244		**<0.000630**	<0.000409	<0.000745	0.00336 J
	MW-105	Apr-24		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	0.0389		**<0.00126**	<0.000819	<0.00149	0.00183 J
	MW-105	Oct-24		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	0.0415		**<0.000630**	<0.000409	<0.000745	0.00548
	MW-105	Apr-25		**<0.0147**	<0.0149	**<0.0133**	**<0.0158**	<0.0100	**<0.0188**	<0.0322 J4		**<0.0126**	**<0.00819**	**<0.0149**	<0.0104
	MW-105	Oct-25		<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	0.0308		**<0.000341**	<0.000395	<0.000427	0.00249
	MW-106	Oct-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	0.0301		**<0.00126**	<0.000819	<0.00149	0.00603 J
	MW-106	Apr-24		**<0.00368**	<0.00373	<0.00333	<0.00395	<0.00250	<0.00470	**0.0953**		**<0.00315**	<0.00205	<0.00373	0.0160 J
	MW-106	Oct-24		**<0.0735**	<0.0745	**<0.0665**	**<0.0790**	**<0.0500**	**<0.0940**	**<0.161**		**<0.0630**	**<0.0409**	**<0.0745**	<0.0520
	MW-106	Apr-25		**<0.0294**	<0.0298	**<0.0266**	**<0.0316**	<0.0200	**<0.0376**	**0.0755 J**		**<0.0252**	**<0.0164**	**<0.0298**	<0.0208
	MW-106	Oct-25		<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	0.0342		**<0.000341**	<0.000395	<0.000427	0.00340
	MW-107	Oct-15		**<0.0385**	<0.0319	**<0.0130**	**<0.0383**	**<0.0259**	**<0.0398**	**0.100**	**<0.0381**		**<0.0361**	**<0.0306**	<0.0387
	MW-107	Apr-17		**<0.0192**	<0.0160	<0.00650	**<0.0192**	<0.0130	**<0.0199**	<0.0186		**<0.0190**	**<0.0180**	**<0.0153**	<0.0194
	MW-107	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.00228		**<0.000381**	<0.000361	<0.000306	0.00425
	MW-107	Apr-19		**<0.0962**	<0.0798	**<0.0325**	**<0.0958** J4	**<0.0648**	**<0.0995**	**<0.0932**		**<0.0952**	**<0.0902**	**<0.0765**	**<0.0968**
	MW-109	Mar-23		**<0.00735**	<0.00745	<0.00665	**<0.00790**	<0.00500	**<0.00940**	<0.0161		**<0.00630**	<0.00409	**<0.00745**	<0.00520
	MW-109	Oct-23		**<0.00368**	<0.00373	<0.00333	<0.00395	<0.00250	<0.00470	<0.00805		**<0.00315**	<0.00205	<0.00373	<0.00260
	MW-109	Apr-24		**<0.00368**	<0.00373	<0.00333	<0.00395	<0.00250	<0.00470	<0.00805		**<0.00315**	<0.00205	<0.00373	<0.00260
	MW-109	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00132		**<0.000126**	<0.0000819	<0.000149	0.000911 J
	MW-109	Apr-25		**<0.00368**	<0.00373	<0.00333	<0.00395	<0.00250	<0.00470	<0.00805		**<0.00315**	<0.00205	<0.00373	<0.00260
	MW-109	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	0.00159 J		**<0.000341**	<0.000395	<0.000427	0.000638 J
	MW-110	Mar-23		<0.000147	<0.000149	<0.000133	0.00287	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-110	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000456 J		**<0.000126**	<0.0000819	<0.000149	0.000161 J
	MW-110	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	0.000107 J
	MW-110	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000365 J		**<0.000126**	<0.0000819	<0.000149	0.000222 J
	MW-110	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-110	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-139	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-139	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-139	Apr-24		<0.000147	<0.000149	<0.000133	0.00148	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-139	Oct-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-139	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-139	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-158	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-158	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188 J4	<0.000322		**<0.000126**	0.000476 J	<0.000149	<0.000104
	MW-158	Oct-25		<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	<0.000274	<0.00000572	**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-159	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-159	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188 J4	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-159	Oct-25		<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	RA-313	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RA-313	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RA-313	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RA-313	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RW-4	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000958 J		**<0.000126**	<0.0000819	<0.000149	0.000329 J
	RW-4	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00184		**<0.000126**	<0.0000819	<0.000149	0.000602 JB
	RW-4	Mar-23		<0.000147	<0.000149	<0.000133	0.00194	<0.000100	<0.000188	0.00279		**<0.000126**	<0.0000819	<0.000149	0.000271 J
	RW-4	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.0101		**<0.000126**	<0.0000819	<0.000149	<0.000104
	RW-5R	Apr-15		**<0.00380**	<0.00319	<0.00130	<0.00380	<0.00260	<0.00400	**0.298**	**<0.00380**		<0.00360	<0.00310	0.0558
	RW-6	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.0143		**<0.000381**	<0.000361	<0.000306	0.00259
	RW-6	Apr-19		**<0.00770**	<0.00638	<0.00260	**<0.00766** J4	<0.00518	**<0.00796**	0.0110 J		**<0.00762**	**<0.00722**	**<0.00612**	<0.00774
	RW-6	Mar-23		**<0.00368**	<0.00373	<0.00333 J3	<0.00395	<0.00250	<0.00470	**0.225**		**<0.00315** J3	<0.00205 J3	<0.00373	0.0456
	RW-6	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000766 J		**<0.000126**	<0.0000819	<0.000149	0.000143 J
	RW-15C	Apr-17		**<0.00962**	<0.00798	<0.00325	**<0.00958**	<0.00648	**<0.00995**	**1.46**		**<0.00952**	**<0.00902**	**<0.00765**	**0.231**
	RW-15C	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	**1.06**		**<0.000381**	<0.000361	<0.000306	**0.138**
	RW-15C	Apr-19		**<0.00385**	<0.00319	<0.00130	<0.00383	<0.00259	<0.00398	**0.728**		**<0.00381**	<0.00361	<0.00306	0.0476
	RW-19	Apr-24		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	**0.623**		**<0.00252**	<0.00164	<0.00298	**0.134**
South RO Reject Field	MW-114	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-114	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-114	Apr-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819 J4	<0.000149	<0.000104
	MW-114	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-114	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-114	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-115	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-115	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-115	Apr-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819 J4	<0.000149	<0.000104
	MW-115	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-115	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-115	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-116	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-116	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-116	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-116	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-116	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266

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Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	1,1,1,2-Tetra-chloroethane	1,1,1-Tri-chloroethane	1,1,2,2-Tetra-chloroethane	1,1,2-Tri-chloroethane	1,1-Di-chloroethane	1,1-Di-chloroethene	1,2,4-Trimethyl-benzene	1,2-Dibromoethane (Ethylene dibromide) - 8011	1,2-Dibromoethane (Ethylene dibromide) - 8260	1,2-Di-chloroethane	1,2-Di-chloropropane	1,3,5-Trimethyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.000570	0.200	0.0100	0.00500	0.0250	0.00700	0.0560	0.0000500	0.0000500	0.00500	0.00500	0.0600
				CGWSL Source:	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
South RO Reject Field	MW-144	Mar-23														
	MW-144	Oct-23														
	MW-144	Apr-24														
	MW-144	Oct-24														
	MW-144	Apr-25														
	MW-144	Oct-25														
	MW-163	Oct-24														
	MW-163	Apr-25														
	MW-163	Oct-25														
TEL	MW-49	Mar-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.0804**		**<0.00126**	<0.000819	<0.00149	0.0107
	MW-49	Oct-23		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.179**		**<0.00126**	<0.000819	<0.00149	0.0228
	MW-49	Apr-24		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.170**		**<0.00126**	<0.000819	<0.00149	0.0281
	MW-49	Oct-24		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.107**		**<0.00126**	<0.000819	<0.00149	0.0175
	MW-49	Apr-25		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	**0.113**		**<0.00126**	<0.000819	<0.00149	0.0219
	MW-49	Oct-25		**<0.00381**	<0.00336	<0.00354 C3	<0.00375	<0.00389	<0.00422	**0.0864**		**<0.00341**	<0.00395	<0.00427	0.0136
	TEL-1	Oct-18		**<0.00192**	<0.00160	<0.000650	<0.00192	<0.00130	<0.00199	<0.00186		**<0.00190**	<0.00180	<0.00153	<0.00194
	TEL-1	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383 J4	<0.000259	<0.000398	0.000820 J		**<0.000381**	<0.000361	<0.000306	<0.000387
	TEL-1	Oct-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.00140		**<0.000381**	<0.000361	<0.000306	<0.000387
	TEL-1	Jun-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.00114		**<0.000126**	<0.0000819	<0.000149	0.000302 J
	TEL-2	Oct-18		**<0.00962**	<0.00798	<0.00325	**<0.00958**	<0.00648	**<0.00995**	**0.115**		**<0.00952**	**<0.00902**	**<0.00765**	0.0165 J
	TEL-2	Apr-19		**<0.00385**	<0.00319	<0.00130	<0.00383 J4	<0.00259	<0.00398	**0.0639**		**<0.00381**	<0.00361	<0.00306	0.00655 J
	TEL-2	Oct-19		**<0.00385**	<0.00319	<0.00130	<0.00383	<0.00259	<0.00398	**0.0603**		**<0.00381**	<0.00361	<0.00306	0.00551 J
	TEL-2	Jun-20		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	0.0402		**<0.00126**	<0.000819	<0.00149	0.00377 J
	TEL-3	Apr-18		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.0200		**<0.000381**	<0.000361	<0.000306	0.000983 J
	TEL-3	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383 J4	<0.000259	<0.000398	0.0226		**<0.000381**	<0.000361	<0.000306	<0.000387
	TEL-3	Oct-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	0.0379		**<0.000381**	<0.000361	<0.000306	<0.000387
	TEL-3	Oct-20		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	**0.0659**		**<0.000126**	<0.0000819	<0.000149	0.00147
	TEL-4	Mar-23		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	<0.00644		**<0.00252**	<0.00164	<0.00298	<0.00208
	TEL-4	Mar-23	FD	**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	<0.00644		**<0.00252**	<0.00164	<0.00298	<0.00208
	TEL-4	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000723 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	TEL-4	Oct-23	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000835 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	TEL-4	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000587 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	TEL-4	Apr-24	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	0.000603 J		**<0.000126**	<0.0000819	<0.000149	<0.000104
	TEL-4	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	TEL-4	Oct-24	FD	<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	TEL-4	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	TEL-4	Apr-25	FD	<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	TEL-4	Oct-25		<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	0.000334 J		**<0.000341**	<0.000395	<0.000427	<0.000266
	TEL-4	Oct-25	FD	<0.000381	<0.000336	<0.000354 C3	<0.000375	<0.000389	<0.000422	0.000335 J		**<0.000341**	<0.000395	<0.000427	<0.000266
TMD	MW-8	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-8	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-8	Apr-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000115 JJ4	<0.000149	<0.000104
	MW-8	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-16	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-16	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-16	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-16	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-20	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-20	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-20	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-20	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-21	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-21	Oct-23		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	<0.00161		**<0.000630**	<0.000409	<0.000745	<0.000520
	MW-21	Apr-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000146 JJ4	<0.000149	<0.000104
	MW-21	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-21	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-21	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274	<0.00000577	**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-25	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-25	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-25	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-25	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-26	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-26	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-26	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-26	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-27	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-27	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-27	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-27	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-46R	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-46R	Oct-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-46R	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-46R	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-46R	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-46R	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-68	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-68	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-68	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-68	Apr-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819 J4	<0.000149	<0.000104
	MW-71	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000156 J	<0.000149	<0.000104
	MW-71	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322	<0.00000536	**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-71	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322	<0.00000579	**<0.000126**	0.000184 J	<0.000149	<0.000104
	MW-71	Apr-24		<0.000147	<0.000149 J4	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000150 JJ4	<0.000149	<0.000104
	MW-89	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-89	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-89	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-89	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-152	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-152	Apr-25		**<0.00147**	<0.00149	<0.00133	<0.00158	<0.00100	<0.00188	<0.00322		**<0.00126**	<0.000819	<0.00149	<0.00104
	MW-152	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-153	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-153	Apr-25		**<0.000735**	<0.000745	<0.000665	<0.000790	<0.000500	<0.000940	<0.00161		**<0.000630**	<0.000409	<0.000745	<0.000520
	MW-153	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-154	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-154	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-154	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-155	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-155	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-155	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266
	MW-156	Oct-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-156	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	MW-156	Oct-25		<0.000381	<0.000336	<0.000354	<0.000375	<0.000389	<0.000422	<0.000274		**<0.000341**	<0.000395	<0.000427	<0.000266

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	1,1,1,2-Tetra-chloroethane	1,1,1-Tri-chloroethane	1,1,2,2-Tetra-chloroethane	1,1,2-Tri-chloroethane	1,1-Di-chloroethane	1,1-Di-chloroethene	1,2,4-Trimethyl-benzene	1,2-Dibromoethane (Ethylene dibromide) - 8011	1,2-Dibromoethane (Ethylene dibromide) - 8260	1,2-Di-chloroethane	1,2-Di-chloropropane	1,3,5-Trimethyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.000570	0.200	0.0100	0.00500	0.0250	0.00700	0.0560	0.0000500	0.0000500	0.00500	0.00500	0.0600
				CGWSL Source:	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
TMD	NP-1	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000121 J	<0.000149	<0.000104
	NP-1	Oct-23		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	<0.00644		**<0.00252**	<0.00164	<0.00298	<0.00208
	NP-1	Apr-24		**<0.00294**	<0.00298 J4	<0.00266	<0.00316	<0.00200	<0.00376	<0.00644		**<0.00252**	<0.00164 J4	<0.00298	<0.00208
	NP-1	Oct-24		**<0.00294**	<0.00298	<0.00266	<0.00316	<0.00200	<0.00376	<0.00644		**<0.00252**	<0.00164	<0.00298	<0.00208
	NP-1	Oct-25		**<0.00191**	<0.00168	<0.00177	<0.00188	<0.00195	<0.00211	<0.00137		**<0.00170**	<0.00198	<0.00214	<0.00133
	NP-6	Apr-19		<0.000385	<0.000319	<0.000130	<0.000383	<0.000259	<0.000398	<0.000373		**<0.000381**	<0.000361	<0.000306	<0.000387
	NP-6	Apr-21		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	NP-6	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000426 J	<0.000149	<0.000104
	NP-6	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	0.000305 J	<0.000149	<0.000104
Up-Gradient	UG-1	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-1	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-1	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-1	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-2	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-2	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-2	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-2	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-3R	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-3R	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-3R	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-3R	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-4	Apr-22		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-4	Mar-23		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-4	Apr-24		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104
	UG-4	Apr-25		<0.000147	<0.000149	<0.000133	<0.000158	<0.000100	<0.000188	<0.000322		**<0.000126**	<0.0000819	<0.000149	<0.000104

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	2-Butanone (MEK)	2-Hexanone (Methyl N-Butyl Ketone)	4-Isopropyl-toluene (p-Cymene)	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform (Tribromo-methane)	Bromo-methane	Carbon disulfide	Carbon tetrachloride	Chloro-benzene	Chloroethane
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	5.56	0.0380	---	1.24	14.1	0.00500	0.0800	0.00330	0.00754	0.810	0.00500	0.100	20.9
				CGWSL Source:	NMED TW	USEPA TW	---	NMED TW	TMED TW	WQCC HH	USEPA MCL	USEPA MCL	NMED TW	NMED TW	WQCC HH	USEPA MCL	NMED TW
Area	**Well ID**	**Date**	**Dup**														
Cross-Gradient	KWB-13	Apr-22			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-13	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.0000985 JB	<0.000128	<0.000116	<0.000192
	KWB-13	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-13	Apr-25			<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	0.000161 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-136	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-136	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-136	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-136	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-136	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279
	MW-149	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-149	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-149	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-149	Apr-25			<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-149	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-150	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-150	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-150	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-150	Apr-25			<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-150	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	NP-5	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100 J4	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	NP-5	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NP-5	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NP-5	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	RA-3156	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866 J3	<0.000275	<0.000379	<0.000348	<0.000453
	RA-3156	Jun-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000520 JB	<0.000128	<0.000116	<0.000192
	RA-3156	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RA-3156	Apr-22			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000329 J	<0.000128	<0.000116	<0.000192
	MW-1R	Apr-22			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-1R	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000119 J	<0.000128	<0.000116	<0.000192
	MW-1R	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-1R	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-2A	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000204 JB	<0.000128	<0.000116	<0.000192
	MW-2A	Oct-23															
	MW-2A	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-2A	Oct-24															
	MW-2A	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-2A	Oct-25															
	MW-3	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-3	Mar-23	FD		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-3	Oct-23															
	MW-3	Oct-23	FD														
	MW-3	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-3	Apr-24	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-3	Oct-24															
	MW-3	Oct-24	FD														
	MW-3	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-3	Apr-25	FD		<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-3	Oct-25															
	MW-3	Oct-25	FD														
	MW-4A	Mar-23			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-4A	Oct-23															
	MW-4A	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-4A	Oct-24															
	MW-4A	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	0.000868 J	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-4A	Oct-25															
	MW-4B	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	0.000393 J	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-4B	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-4B	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000168 JB	<0.000128	<0.000116	<0.000192
	MW-4B	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-5A	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000169 JB	<0.000128	<0.000116	<0.000192
	MW-5A	Oct-23															
	MW-5A	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-5A	Oct-24															
	MW-5A	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-5A	Oct-25															
Evaporation Ponds	MW-5B	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-5B	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-5B	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000166 JB	<0.000128	<0.000116	<0.000192
	MW-5B	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-5C	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-5C	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-5C	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-5C	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-6A	Apr-22			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-6A	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000567 JB	<0.000128	<0.000116	<0.000192
	MW-6A	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.00102	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-6A	Apr-25			<0.00119	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129 C3	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 C3
	MW-6B	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-6B	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-6B	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000213 JB	<0.000128	<0.000116	<0.000192
	MW-6B	Apr-25			<0.00119	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129 C3	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 C3
	MW-7A	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-7A	Mar-23	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-7A	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-7A	Oct-23	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-7A	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-7A	Apr-24	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-7A	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-7A	Oct-24	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-7A	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-7A	Apr-25	FD		<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-7A	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-7A	Oct-25	FD		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-7B	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-7B	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-7B	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-7B	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-10	Mar-23			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-10	Oct-23															
	MW-10	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-10	Oct-24															
	MW-10	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-10	Oct-25															
	MW-11A	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-11A	Oct-24															
	MW-11A	Apr-25			<0.00119	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-11A	Oct-25															

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	2-Butanone (MEK)	2-Hexanone (Methyl N-Butyl Ketone)	4-Isopropyl-toluene (p-Cymene)	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform (Tribromo-methane)	Bromo-methane	Carbon disulfide	Carbon tetrachloride	Chloro-benzene	Chloroethane
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	5.56	0.0380	---	1.24	14.1	0.00500	0.0800	0.00330	0.00754	0.810	0.00500	0.100	20.9
				CGWSL Source:	NMED TW	USEPA TW	---	NMED TW	TMED TW	WQCC HH	USEPA MCL	USEPA MCL	NMED TW	NMED TW	WQCC HH	USEPA MCL	NMED TW
Area	**Well ID**	**Date**	**Dup**														
Evaporation Ponds	MW-11B	Apr-19		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-11B	Apr-21		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-11B	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000308 JB	<0.000128	<0.000116	<0.000192
	MW-11B	Apr-25		<0.00119	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-15	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-15	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-15	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-15	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478 J4	<0.0113 J4	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192 C3
	MW-18A	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-18A	Oct-23														
	MW-18A	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-18A	Oct-24														
	MW-18A	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478 J4	<0.0113 J4	<0.0000941	<0.000136	<0.000129	<0.000605 C3	0.000147 C3 J	<0.000128	<0.000116	<0.000192 C3
	MW-18A	Oct-25														
	MW-18B	Apr-19		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-18B	Apr-21		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-18B	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-18B	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478 J4	<0.0113 J4	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192 C3
	MW-22A	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-22A	Mar-23	FD	<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-22A	Oct-23														
	MW-22A	Oct-23	FD													
	MW-22A	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-22A	Apr-24	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-22A	Oct-24														
	MW-22A	Oct-24	FD													
	MW-22A	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-22A	Apr-25	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-22A	Oct-25														
	MW-22A	Oct-25	FD													
	MW-22B	Apr-19		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-22B	Apr-21		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-22B	Mar-23		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-22B	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-70	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-70	Oct-23														
	MW-70	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-70	Oct-24														
	MW-70	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478 J4	<0.0113 J4	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192 C3
	MW-70	Oct-25														
	MW-72	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-72	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-72	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-72	Apr-25		<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-73	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-73	Mar-23		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-73	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-73	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J4
	MW-74	Mar-23		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-74	Oct-23														
	MW-74	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-74	Oct-24														
	MW-74	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J4
	MW-74	Oct-25														
	MW-75	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000126 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-75	Oct-23														
	MW-75	Apr-24		<0.238	**<0.157**	<0.0240	<0.0956	<2.26	**<0.0188**	<0.0272	**<0.0258**	**<0.121**	<0.0192	**<0.0256**	<0.0232	<0.0384
	MW-75	Oct-24														
	MW-75	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000287 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-75	Oct-25														
	MW-76	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-76	Oct-23														
	MW-76	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-76	Oct-24														
	MW-76	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J4
	MW-76	Oct-25														
	MW-77	Apr-22		0.00144 J	<0.000787	<0.000120	<0.000478	0.0152 J	0.000174 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-77	Mar-23		<0.0119 J3	<0.00787	<0.00120	<0.00478	<0.113	<0.000941	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-77	Apr-24		<0.238	**<0.157**	<0.0240	<0.0956	<2.26	**<0.0188**	<0.0272	**<0.0258**	**<0.121**	<0.0192	**<0.0256**	<0.0232	<0.0384
	MW-77	Apr-25		0.00168 J	<0.000787	<0.000120	<0.000478	<0.0113	0.000110 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-78	Apr-22		<0.0119	<0.00787	<0.00120	<0.00478	<0.113	<0.000941	<0.00136	<0.00129	<0.00605	0.00661 JB	<0.00128	<0.00116	<0.00192
	MW-78	Mar-23		<0.0119 J3	<0.00787	<0.00120	<0.00478	<0.113	<0.000941	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-78	Apr-24		<0.238	**<0.157**	<0.0240	<0.0956	<2.26	**<0.0188**	<0.0272	**<0.0258**	**<0.121**	<0.0192	**<0.0256**	<0.0232	<0.0384
	MW-78	Apr-25		0.00170 J	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-79	Mar-23		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-79	Oct-23														
	MW-79	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-79	Oct-24														
	MW-79	Apr-25		<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-79	Oct-25														
	MW-80	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-80	Mar-23		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-80	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-80	Apr-25		<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-81	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-81	Mar-23		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-81	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-81	Apr-25		<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-82	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-82	Mar-23		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-82	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-82	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J4
	MW-83	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-83	Oct-23														
	MW-83	Apr-24		<0.238	**<0.157**	<0.0240	<0.0956	<2.26	**<0.0188**	<0.0272	**<0.0258**	**<0.121**	<0.0192	**<0.0256**	<0.0232	<0.0384
	MW-83	Oct-24														
	MW-83	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000359 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-83	Oct-25														
	MW-84	Mar-23		<0.0119 J3	<0.00787	<0.00120	<0.00478	<0.113	<0.000941	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-84	Oct-23														
	MW-84	Apr-24		<0.0119	<0.00787	<0.00120	<0.00478	<0.113	<0.000941	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-84	Oct-24														
	MW-84	Apr-25		<0.0119	<0.00787	<0.00120	<0.00478	<0.113 C3	<0.000941	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192 J4
	MW-84	Oct-25														
	MW-86	Jun-20		<0.0238	<0.0157	<0.00240	<0.00956	<0.226	**0.0242**	<0.00272	<0.00258	**<0.0121**	0.00254 J	<0.00256	<0.00232 J4	<0.00384
	MW-86	Oct-20		<0.0238	<0.0157	<0.00240	<0.00956	<0.226	**0.0313**	<0.00272	<0.00258	**<0.0121**	<0.00192	<0.00256	<0.00232	<0.00384

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	2-Butanone (MEK)	2-Hexanone (Methyl N-Butyl Ketone)	4-Isopropyl-toluene (p-Cymene)	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform (Tribromo-methane)	Bromo-methane	Carbon disulfide	Carbon tetrachloride	Chloro-benzene	Chloroethane
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	5.56	0.0380	---	1.24	14.1	0.00500	0.0800	0.00330	0.00754	0.810	0.00500	0.100	20.9
				CGWSL Source:	NMED TW	USEPA TW	---	NMED TW	TMED TW	WQCC HH	USEPA MCL	USEPA MCL	NMED TW	NMED TW	WQCC HH	USEPA MCL	NMED TW
Area	**Well ID**	**Date**	**Dup**														
Evaporation Ponds	MW-87	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-87	Oct-23															
	MW-87	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-87	Oct-24															
	MW-87	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478 J4	<0.0113 J4	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192 C3
	MW-87	Oct-25															
	MW-88	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.0000970 J	<0.000128	<0.000116	<0.000192
	MW-88	Oct-23															
	MW-88	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-88	Oct-24															
	MW-88	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478 J4	<0.0113 J4	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192 C3
	MW-88	Oct-25															
	MW-120	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000201 JB	<0.000128	<0.000116	<0.000192
	MW-120	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-120	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-120	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 Q	<0.0000962	<0.000128	<0.000116	<0.000192 Q
	MW-120	Apr-25			<0.00119	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129 C3	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 C3
	MW-120	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-121	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000151 JB	<0.000128	<0.000116	<0.000192
	MW-121	Oct-23															
	MW-121	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-121	Oct-24															
	MW-121	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-121	Oct-25															
	MW-122	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000141 JB	<0.000128	<0.000116	<0.000192
	MW-122	Oct-23															
	MW-122	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-122	Oct-24															
	MW-122	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-122	Oct-25															
	MW-123	Mar-23			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-123	Oct-23															
	MW-123	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-123	Oct-24															
	MW-123	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-123	Oct-25															
	MW-124	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-124	Oct-23															
	MW-124	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-124	Oct-24															
	MW-124	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478 J4	<0.0113 J4	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192 C3
	MW-124	Oct-25															
	OCD-1R	Mar-23			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-1R	Oct-23															
	OCD-1R	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-1R	Oct-24															
	OCD-1R	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-1R	Oct-25															
	OCD-2A	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000317 JB	<0.000128	<0.000116	<0.000192
	OCD-2A	Oct-23															
	OCD-2A	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-2A	Oct-24															
	OCD-2A	Apr-25			<0.00119	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-2A	Oct-25															
	OCD-3	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000456 JB	<0.000128	<0.000116	<0.000192
	OCD-3	Oct-23															
	OCD-3	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-3	Oct-24															
	OCD-3	Apr-25			<0.00119	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-3	Oct-25															
	OCD-4	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000285 JB	<0.000128	<0.000116	<0.000192
	OCD-4	Oct-23															
	OCD-4	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-4	Oct-24															
	OCD-4	Apr-25			<0.00119	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-4	Oct-25															
	OCD-5	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000282 JB	<0.000128	<0.000116	<0.000192
	OCD-5	Oct-23															
	OCD-5	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-5	Oct-24															
	OCD-5	Apr-25			<0.00119	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-5	Oct-25															
	OCD-6	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000203 JB	<0.000128	<0.000116	<0.000192
	OCD-6	Oct-23															
	OCD-6	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-6	Oct-24															
	OCD-6	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J4
	OCD-6	Oct-25															
	OCD-7AR	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-7AR	Oct-23															
	OCD-7AR	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-7AR	Oct-24															
	OCD-7AR	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J4
	OCD-7AR	Oct-25															
	OCD-7B	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	OCD-7B	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-7B	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000176 JB	<0.000128	<0.000116	<0.000192
	OCD-7B	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J4
	OCD-8A	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000118 JB	<0.000128	<0.000116	<0.000192
	OCD-8A	Oct-23															
	OCD-8A	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-8A	Oct-24															
	OCD-8A	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	OCD-8A	Oct-25															
	OCD-8B	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	OCD-8B	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	OCD-8B	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000168 JB	<0.000128	<0.000116	<0.000192
	OCD-8B	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
Field East of Refinery	KWB-1A	Mar-23			<0.00119	<0.000787	0.000604 J	<0.000478	<0.0113	0.000522 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-1A	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000717 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-1A	Apr-24			<0.00119	<0.000787	0.000903 J	<0.000478	<0.0113	0.000437 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-1A	Oct-24			<0.00119	<0.000787	0.00241	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	KWB-1C	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866 J3	<0.000275	<0.000379	<0.000348	<0.000453
	KWB-1C	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-1C	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-1C	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	2-Butanone (MEK)	2-Hexanone (Methyl N-Butyl Ketone)	4-Isopropyl-toluene (p-Cymene)	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform (Tribromo-methane)	Bromo-methane	Carbon disulfide	Carbon tetrachloride	Chloro-benzene	Chloroethane
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	5.56	0.0380	---	1.24	14.1	0.00500	0.0800	0.00330	0.00754	0.810	0.00500	0.100	20.9
				CGWSL Source:	NMED TW	USEPA TW	---	NMED TW	TMED TW	WQCC HH	USEPA MCL	USEPA MCL	NMED TW	NMED TW	WQCC HH	USEPA MCL	NMED TW
Area	**Well ID**	**Date**	**Dup**														
Field East of Refinery	KWB-3AR	Apr-25			<0.00119 C3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-3AR	Nov-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	KWB-7	Mar-23			<0.0595	**<0.0394**	<0.00600	<0.0239	<0.565	<0.00471	<0.00680	**<0.00645**	**<0.0303**	0.0125 JB	**<0.00640**	<0.00580	<0.00960
	KWB-7	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000223 J	<0.000136	<0.000129	<0.000605	0.000106 J	<0.000128	<0.000116	<0.000192
	KWB-7	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	**0.0273**	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-7	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000459 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-7	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279
	KWB-8	Apr-17			<0.393	**<0.382**	<0.0350	<0.214	<1.00	**5.62**	<0.0380	**<0.0469**	**<0.0866**	<0.0275	**<0.0379**	<0.0348	<0.0453
	KWB-8	Oct-17			0.0885 V3	0.00515 J	0.00112	<0.00214	0.0801 V3	**12.5**	<0.000380	<0.000469	<0.000866	0.00427 V3	<0.000379	<0.000348	<0.000453
	KWB-8	Oct-20			<0.238	**<0.157**	<0.0240	<0.0956	<2.26	**17.8**	<0.0272	**<0.0258**	**<0.121**	0.0664 JB	**<0.0256**	<0.0232	<0.0384
	KWB-10R	Apr-17			<0.196	**<0.191**	<0.0175	<0.107	<0.500	**4.95**	<0.0190	**<0.0234**	**<0.0433**	<0.0138	**<0.0190**	<0.0174	<0.0226
	KWB-10R	Oct-17			<0.00393	<0.00382	0.0184	<0.00214	<0.0100	**7.06**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	KWB-10R	Apr-18			<0.982	**<0.955**	<0.0875	<0.535	<2.50	**3.06**	**<0.0950**	**<0.117**	**<0.216**	<0.0688	**<0.0948**	<0.0870	<0.113
	KWB-10R	Oct-18			<0.982	**<0.955**	<0.0875	<0.535	<2.50	**3.81**	**<0.0950**	**<0.117**	**<0.216**	<0.0688	**<0.0948**	<0.0870	<0.113 J4
	KWB-11A	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	**0.0174**	<0.000136	<0.000129	<0.000605	0.000305 J	<0.000128	<0.000116	<0.000192
	KWB-11A	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-11A	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000110 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-11A	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-11A	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000630 J	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	KWB-11A	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279
	KWB-11B	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000147 JB	<0.000128	<0.000116	<0.000192
	KWB-11B	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-11B	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-11B	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-11B	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	KWB-11B	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279
	KWB-12A	Sep-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000531 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12A	Oct-22			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129 J4	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12A	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12A	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12B	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12B	Mar-23	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12B	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12B	Oct-23	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12B	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000101 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12B	Apr-24	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000111 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12B	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	KWB-12B	Oct-24	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	KWB-12B	Apr-25			<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12B	Apr-25	FD		<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-12B	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	KWB-12B	Oct-25	FD		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	KWB-P4	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866 J3	<0.000275	<0.000379	<0.000348	<0.000453
	KWB-P4	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-P4	Mar-23			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	KWB-P4	Apr-25			<0.00119 C3	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-57	Oct-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-57	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-57	Sep-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-57	Apr-22			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000183 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-58	Oct-17			<0.00393	<0.00382	0.00399	<0.00214	<0.0100	**4.08**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-58	Apr-18			<0.196	**<0.191**	<0.0175	<0.107	<0.500	**4.12**	<0.0190	**<0.0234**	**<0.0433**	<0.0138	**<0.0190**	<0.0174	<0.0226
	MW-58	Oct-18			<0.196 J3J4	**<0.191**	<0.0175	<0.107	<0.500 J3	**7.11**	<0.0190	**<0.0234**	**<0.0433**	<0.0138	**<0.0190**	<0.0174	<0.0226
	MW-58	Oct-19			<0.0393	**<0.0382**	0.00466 J	<0.0214	<0.100	**3.78**	<0.00380	**<0.00469**	**<0.00866**	<0.00275	<0.00379	<0.00348	<0.00453
	MW-111	Oct-18			<0.0982	**<0.0955**	<0.00875	<0.0535	<0.250	**0.0268**	<0.00950	**<0.0117**	**<0.0216**	<0.00688	**<0.00948**	<0.00870	<0.0113 J4
	MW-111	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	**0.115**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-111	Oct-19			<0.00393	<0.00382	<0.000350	<0.00214	0.0116 J	**0.167**	<0.000380	<0.000469	<0.000866	<0.00688	<0.000379	<0.000348	<0.000453
	MW-111	Jun-20			<0.0298	<0.0197	<0.00300	<0.0120	<0.282	**0.439**	<0.00340	<0.00322	**<0.0151**	0.00625 JB	<0.00320	<0.00290	<0.00480
	MW-112	Nov-14			<0.0980	**<0.0960**	<0.00880	<0.0540	<0.250	**8.50**	<0.00950	**<0.0120**	**<0.0220**	<0.00690	**<0.00950**	<0.00870	<0.0110
	MW-113	Mar-23			<0.00119	<0.000787	0.00108	<0.000478	<0.0113	**0.0859**	<0.000136	<0.000129	<0.000605	0.000308 JB	<0.000128	<0.000116	<0.000192
	MW-113	Mar-23	FD		<0.00119	<0.000787	0.00140	<0.000478	<0.0113	**0.134**	<0.000136	<0.000129	<0.000605	0.000294 JB	<0.000128	<0.000116	<0.000192
	MW-113	Oct-23			<0.0595	**<0.0394**	<0.00600	<0.0239	<0.565	**7.19**	<0.00680	**<0.00645**	**<0.0303**	<0.00481	**<0.00640**	<0.00580	<0.00960
	MW-113	Oct-23	FD		<0.0595	**<0.0394**	<0.00600	<0.0239	<0.565	**7.02**	<0.00680	**<0.00645**	**<0.0303**	<0.00481	**<0.00640**	<0.00580	<0.00960
	MW-113	Apr-24			<0.00595	<0.00394	0.000898 J	<0.00239	<0.0565	**0.117**	<0.000680	<0.000645	<0.00303	<0.000481	<0.000640	<0.000580	<0.000960
	MW-113	Apr-24	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	**0.0964**	<0.000136 J4	<0.000129	<0.000605	0.000169 J	<0.000128 J4	<0.000116	<0.000192
	MW-113	Oct-24			<0.119	**<0.0787**	<0.0120	<0.0478	<1.13	**5.77**	<0.0136	**<0.0129**	**<0.0605**	<0.00962	**<0.0128**	<0.0116	<0.0192
	MW-113	Oct-24	FD		<0.0238	<0.0157	0.0133 J	<0.00956	<0.226	**6.19**	<0.00272	<0.00258	**<0.0121**	<0.00192	<0.00256	<0.00232	<0.00384
	MW-113	Apr-25			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**0.303**	<0.00136	<0.00129	<0.00605 C3	<0.000962	<0.00128	<0.00116	<0.00192
	MW-113	Apr-25	FD		<0.00119	<0.000787	0.00115	<0.000478	<0.0113	**0.171**	<0.000136	<0.000129	<0.000605 J4	0.000209 J	<0.000128	<0.000116	<0.000192
	MW-113	Oct-25			<0.00900	<0.00580	0.000463 J	<0.00752	<0.0469	**0.190**	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-113	Oct-25	FD		<0.00900	<0.00580	0.000412 J	<0.00752	<0.0469	**0.247**	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-125	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000129 JB	<0.000128	<0.000116	<0.000192
	MW-125	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-125	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-125	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-125	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-125	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279
	MW-126A	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866 J3	<0.000275	<0.000379	<0.000348	<0.000453
	MW-126A	Oct-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	**0.170**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-126A	Jun-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116 J4	<0.000192
	MW-126A	Oct-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-126B	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000172 JB	<0.000128	<0.000116	<0.000192
	MW-126B	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-126B	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-126B	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-126B	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-126B	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279
	MW-127	Oct-17			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	**0.462**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-127	Apr-18			<0.0786	**<0.0764**	<0.00700	<0.0428	<0.200	**1.18**	<0.00760	**<0.00938**	**<0.0173**	<0.00550	**<0.00758**	<0.00696	<0.00906
	MW-127	Oct-18			<0.0786	**<0.0764**	<0.00700	<0.0428	<0.200	**1.15**	<0.00760	**<0.00938**	**<0.0173**	<0.00550	**<0.00758**	<0.00696	<0.00906 J4
	MW-127	Apr-19			<0.0786	**<0.0764**	<0.00700	<0.0428	<0.200	**1.65**	<0.00760	**<0.00938**	**<0.0173** J3	<0.00550	**<0.00758**	<0.00696	<0.00906
	MW-128	Oct-17			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	**0.0701**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-128	Apr-18			<0.0786	**<0.0764**	<0.00700	<0.0428	<0.200	**0.122**	<0.00760	**<0.00938**	**<0.0173**	<0.00550	**<0.00758**	<0.00696	<0.00906
	MW-128	Oct-18			<0.0786	**<0.0764**	<0.00700	<0.0428	<0.200	**0.729**	<0.00760	**<0.00938**	**<0.0173**	<0.00550	**<0.00758**	<0.00696	<0.00906
	MW-128	Apr-19			<0.0786	**<0.0764**	<0.00700	<0.0428	<0.200 J4	**0.643**	<0.00760	**<0.00938**	**<0.0173**	<0.00550	**<0.00758**	<0.00696	<0.00906
	MW-129	Apr-15			<0.00390	<0.00380	<0.000350	<0.00210	<0.0100	**0.0372**	<0.000380	<0.000470	<0.000870	<0.0280	<0.000380	<0.000350	<0.000450
	MW-129	Oct-15			<0.393	**<0.382**	<0.0350	<0.214	<1.00	**<0.0331**	<0.0380	**<0.0469**	**<0.0866**	<0.0275	**<0.0379**	<0.0348	<0.0453
	MW-129	Apr-17			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	0.00299	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-129	Apr-18			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	**0.00731**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-130	Mar-23			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-130	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-130	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-130	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	MW-130	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J4
	MW-130	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	2-Butanone (MEK)	2-Hexanone (Methyl N-Butyl Ketone)	4-Isopropyl-toluene (p-Cymene)	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform (Tribromo-methane)	Bromo-methane	Carbon disulfide	Carbon tetrachloride	Chloro-benzene	Chloroethane
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	5.56	0.0380	---	1.24	14.1	0.00500	0.0800	0.00330	0.00754	0.810	0.00500	0.100	20.9
				CGWSL Source:	NMED TW	USEPA TW	---	NMED TW	TMED TW	WQCC HH	USEPA MCL	USEPA MCL	NMED TW	NMED TW	WQCC HH	USEPA MCL	NMED TW
Area	**Well ID**	**Date**	**Dup**														
Field East of Refinery	MW-131	Apr-17		<0.00393	<0.00382	0.000554 J	<0.00214	<0.0100	**3.09**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-131	Oct-17		<0.00393	<0.00382	0.000701 J	<0.00214	<0.0100	**1.39**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-131	Oct-19		<0.00393	<0.00382	0.00141	<0.00214	<0.0100	**0.796**	<0.000380	<0.000469	<0.000866	<0.0138	<0.000379	<0.000348	<0.000453
	MW-131	Jun-20		<0.0595	**<0.0394**	<0.00600	<0.0239	<0.565	**0.907**	<0.00680	**<0.00645**	**<0.0303**	<0.00481	**<0.00640**	<0.00580	<0.00960
	MW-133	Nov-14		<0.390	**<0.380**	<0.0350	<0.210	<1.00	**0.620**	<0.0380	**<0.0470**	**<0.0870**	<0.0280	**<0.0380**	<0.0350	<0.0450
	MW-133	Apr-15		<0.390	**<0.380**	<0.0350	<0.210	<1.00	**0.788**	<0.0380	**<0.0470**	**<0.0870**	<0.0280	**<0.0380**	<0.0350	<0.0450
	MW-134	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000242 JB	<0.000128	<0.000116	<0.000192
	MW-134	Mar-23	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000102 JB	<0.000128	<0.000116	<0.000192
	MW-134	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-134	Oct-23	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-134	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-134	Apr-24	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-134	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-134	Oct-24	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	MW-134	Apr-25		<0.00119	<0.000787 C3	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129 C3	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-134	Apr-25	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000218 J	<0.000136	<0.000129	<0.000605 J4	0.000175 J	<0.000128	<0.000116	<0.000192
	MW-134	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-134	Oct-25	FD	<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-135	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-135	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-135	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-135	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-135	Apr-25		<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-135	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-145	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-145	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-145	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-145	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-145	Apr-25		<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-145	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-146	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-146	Mar-23	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-146	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-146	Oct-23	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-146	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-146	Apr-24	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-146	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-146	Oct-24	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-146	Apr-25		<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-146	Apr-25	FD	<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-146	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-146	Oct-25	FD	<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-147	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-147	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-147	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-147	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-147	Apr-25		<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-148	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-148	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-148	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-148	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-148	Apr-25		<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-148	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-151	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-151	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-160	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	MW-160	Apr-25		<0.0119 C3	<0.00787	<0.00120	<0.00478	<0.113	<0.000941	<0.00136	<0.00129	<0.00605	0.00233 J	<0.00128	<0.00116	<0.00192
	MW-160	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279
	MW-161	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-161	Apr-25		<0.00119 J3	<0.000787 J3 J4	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-161	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279
	RA-1227	Apr-25		<0.00119 C3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RA-4196	Oct-19		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	RA-4196	Jun-20		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000840 JB	<0.000128	<0.000116	<0.000192
	RA-4196	Oct-20		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941 Q	<0.000136	<0.000129	<0.000605	0.000179 JB	<0.000128	<0.000116	<0.000192
	RA-4196	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000239 JB	<0.000128	<0.000116	<0.000192
	RA-4196R	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RA-4196R	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RA-4196R	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RA-4196R	Apr-25		<0.00119	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RA-4196R	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	RA-4798	Oct-20		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941 Q	<0.000136	<0.000129	<0.000605	0.000185 JB	<0.000128	<0.000116	<0.000192
	RA-4798	Apr-21		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RA-4798	Sep-21		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RA-4798	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000347 J	<0.000128	<0.000116	<0.000192
	RW-12R	Apr-17		<0.0196	<0.0191	0.00214 J	<0.0107	<0.0500	**0.335**	<0.00190	<0.00234	<0.00433	0.00142 J	<0.00190	<0.00174	<0.00226
	RW-12R	Apr-18		<0.00393	<0.00382	0.000372 J	<0.00214	0.0352 J	**0.0358**	<0.000380	<0.000469	<0.000866	0.00104	<0.000379	<0.000348	<0.000453
	RW-12R	Apr-19		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100 J4	**0.0764**	<0.000380	<0.000469	<0.000866	0.00155	<0.000379	<0.000348	<0.000453
	RW-12R	Jun-20		<0.00119	<0.000787	0.000352 J	0.00567 J	<0.0113	**0.154**	<0.000136	<0.000129	<0.000605	0.00118 B	<0.000128	<0.000116	<0.000192
	RW-13R	Apr-18		<0.00393	<0.00382	0.00134	<0.00214	0.0281 J	**0.0770**	<0.000380	<0.000469	<0.000866	0.000455 J	<0.000379	<0.000348	<0.000453
	RW-13R	Mar-23		<0.0595	**<0.0394**	0.0121 J	<0.0239	<0.565	**4.30**	<0.00680	**<0.00645**	**<0.0303**	0.0103 JB	**<0.00640**	<0.00580	<0.00960
	RW-13R	Apr-25		3.53	**<0.197**	0.358	<0.120	7.94 J	**34.1**	<0.0340	**<0.0323**	**<0.151** C3	<0.0241	**<0.0320**	<0.0290	<0.0480
	RW-18A	Apr-18		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	RW-18A	Apr-19		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866 J3	<0.000275	<0.000379	<0.000348	<0.000453
	RW-18A	Jun-20		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RW-18A	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RW-20B	Apr-15		<0.0390	<0.0380	0.00401 J	<0.0210	<0.100	**1.87**	<0.00380	**<0.00470**	**<0.00870**	<0.00280	<0.00380	<0.00350	<0.00450
	RW-22	Apr-15		<0.0390	<0.0380	0.00521 J	<0.0210	<0.100	**4.07**	<0.00380	**<0.00470**	**<0.00870**	<0.00280	<0.00380	<0.00350	<0.00450
NCL	MW-18	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-18	Mar-23		<0.00119 J3	<0.000787 J3	<0.000120	<0.000478 J3J4	<0.0113	<0.0000941	<0.000136	<0.000129 J3	<0.000605 J3	0.000480 J	<0.000128	<0.000116	<0.000192
	MW-18	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000374 JB	<0.000128	<0.000116	<0.000192
	MW-18	Apr-25		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-45	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-45	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-45	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000274 JB	<0.000128	<0.000116	<0.000192
	MW-45	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.00315	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128 J4	<0.000116	<0.000192
	MW-45	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J4
	MW-45	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-53	Apr-15		<0.00390	<0.00380	<0.000350	<0.00210	<0.0100	<0.000330	<0.000380	<0.000470	<0.000870	<0.000280	<0.000380	<0.000350	<0.000450
	MW-53	Apr-17		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100 J4	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-53	Apr-18		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-53	Apr-19		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-53R	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-53R	Mar-23		<0.00119 J3	<0.000787 J3	<0.000120	<0.000478 J3J4	<0.0113	<0.0000941	<0.000136	<0.000129 J3	<0.000605 J3	0.000357 J	<0.000128	<0.000116	<0.000192
	MW-53R	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-53R	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129 C3	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	2-Butanone (MEK)	2-Hexanone (Methyl N-Butyl Ketone)	4-Isopropyl-toluene (p-Cymene)	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform (Tribromo-methane)	Bromo-methane	Carbon disulfide	Carbon tetrachloride	Chloro-benzene	Chloroethane
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	5.56	0.0380	---	1.24	14.1	0.00500	0.0800	0.00330	0.00754	0.810	0.00500	0.100	20.9
				CGWSL Source:	NMED TW	USEPA TW	---	NMED TW	TMED TW	WQCC HH	USEPA MCL	USEPA MCL	NMED TW	NMED TW	WQCC HH	USEPA MCL	NMED TW
Area	**Well ID**	**Date**	**Dup**														
NCL	MW-54A	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-54A	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-54A	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-54A	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 Q	<0.0000962	<0.000128	<0.000116	<0.000192 Q
	MW-54A	Apr-25			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-54A	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-54B	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-54B	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-54B	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-54B	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129 C3	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-55	Mar-23			<0.00119 J3	<0.000787 J3	<0.000120	<0.000478 J3J4	<0.0113	0.0000977 J	<0.000136	<0.000129 J3	<0.000605 J3	0.000614 J	<0.000128	<0.000116	<0.000192
	MW-55	Oct-23			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	<0.000941	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-55	Apr-24			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	0.00100 J	<0.00136	<0.00129	<0.00605	0.00440 JB	<0.00128	<0.00116	<0.00192
	MW-55	Oct-24			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	<0.000941	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-55	Apr-25			<0.0119 J3	<0.00787	<0.00120	<0.00478	<0.113 J3	<0.000941	<0.00136	<0.00129	<0.00605 C3J3	<0.000962	<0.00128	<0.00116	<0.00192
	MW-55	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-56	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-56	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000238 JB	<0.000128	<0.000116	<0.000192
	MW-56	Oct-24															
	MW-56	Apr-25			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-56	Oct-25															
	MW-108	Mar-23			<0.00119 J3	<0.000787 J3	0.000300 J	<0.000478 J3J4	<0.0113	**0.0681**	<0.000136	<0.000129 J3	<0.000605 J3	0.000970 J	<0.000128	<0.000116	<0.000192
	MW-108	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	**0.0353**	<0.000136	<0.000129	<0.000605	0.000176 J	<0.000128	<0.000116	<0.000192
	MW-108	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	**0.00959**	<0.000136	<0.000129	<0.000605	0.000375 JB	<0.000128	<0.000116	<0.000192
	MW-108	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.00327	<0.000136	<0.000129	<0.000605 Q	0.000364 J	<0.000128	<0.000116	<0.000192 Q
	MW-108	Apr-25			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	0.00102	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-108	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	**0.0109**	<0.000371	<0.000548 C3	<0.00485 C3	0.00121	<0.000360	<0.000266	<0.00279
	NCL-31	Mar-23			<0.00119 J3	<0.000787 J3	<0.000120	<0.000478 J3J4	<0.0113	0.000173 J	<0.000136	<0.000129 J3	<0.000605 J3	0.000925 J	<0.000128	<0.000116	<0.000192
	NCL-31	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-31	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000100 J	<0.000136	<0.000129	<0.000605	0.000383 JB	<0.000128	<0.000116	<0.000192
	NCL-31	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 Q	<0.0000962	<0.000128	<0.000116	<0.000192 Q
	NCL-31	Apr-25			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-31	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	NCL-32	Mar-23			0.00180 JJ3	<0.000787 J3	<0.000120	<0.000478 J3J4	0.0133 J	<0.0000941	<0.000136	<0.000129 J3	<0.000605 J3	0.000526 J	<0.000128	<0.000116	<0.000192
	NCL-32	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	0.0206 J	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-32	Apr-24			0.00123 J	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000397 JB	<0.000128	<0.000116	<0.000192
	NCL-32	Oct-24			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-32	Apr-25			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-32	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	NCL-33	Mar-23			<0.00119 J3	<0.000787 J3	<0.000120	<0.000478 J3J4	<0.0113	<0.0000941	<0.000136	<0.000129 J3	<0.000605 J3	0.000895 J	<0.000128	<0.000116	<0.000192
	NCL-33	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-33	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000397 JB	<0.000128	<0.000116	<0.000192
	NCL-33	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 Q	<0.0000962	<0.000128	<0.000116	<0.000192 Q
	NCL-33	Apr-25			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-33	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	NCL-34A	Oct-18			<0.0393	**<0.0382**	<0.00350	<0.0214	<0.100	**1.11**	<0.00380	**<0.00469**	**<0.00866**	0.0105 B	<0.00379	<0.00348	<0.00453
	NCL-34A	Apr-19			<0.0786	**<0.0764**	<0.00700	<0.0428	<0.200	**0.479**	<0.00760	**<0.00938**	**<0.0173**	<0.00550	**<0.00758**	<0.00696	<0.00906
	NCL-34A	Oct-19			<0.0197	<0.0191	0.00219 J	<0.0107	<0.0500	**0.562**	<0.00190	<0.00234	<0.00433	<0.00138	<0.00190	<0.00174	<0.00227
	NCL-34A	Jun-20			<0.0238	<0.0157	<0.00240	<0.00956	<0.226	**1.10**	<0.00272	<0.00258	**<0.0121**	<0.00192	<0.00256	<0.00232	<0.00384
	NCL-44	Mar-23			<0.00119 J3	<0.000787 J3	<0.000120	<0.000478 J3J4	<0.0113	<0.0000941	<0.000136	<0.000129 J3	<0.000605 J3	0.000848 J	<0.000128	<0.000116	<0.000192
	NCL-44	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-44	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000430 JB	<0.000128	<0.000116	<0.000192
	NCL-44	Oct-24			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-44	Apr-25			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-44	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	NCL-49	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-49	Mar-23	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-49	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-49	Oct-23	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-49	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-49	Apr-24	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-49	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 Q	<0.0000962	<0.000128	<0.000116	<0.000192 Q
	NCL-49	Oct-24	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 Q	<0.0000962	<0.000128	<0.000116	<0.000192 Q
	NCL-49	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129 C3	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-49	Apr-25	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129 C3	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NCL-49	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	NCL-49	Oct-25	FD		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
North Refinery	MW-23	Apr-19			<0.393	**<0.382**	<0.0350	<0.214	<1.00	**5.52**	<0.0380	**<0.0469**	**<0.0866**	<0.0275	**<0.0379**	<0.0348	<0.0453
	MW-23	Oct-19			<0.0393	**<0.0382**	<0.00350	<0.0214	<0.100	**1.42**	<0.00380	**<0.00469**	**<0.00866**	<0.00275	<0.00379	<0.00348	<0.00453
	MW-23	Jun-20			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**2.68**	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-23	Oct-20			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**0.915**	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-29	Oct-22			<0.00119	<0.000787	<0.000120	0.00136 J	<0.0113	<0.0000941	<0.000136	<0.000129 J4	<0.000605	0.000178 J	<0.000128	<0.000116	<0.000192
	MW-29	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-29	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-29	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000489 JB	<0.000128	<0.000116	<0.000192
	MW-39	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	**0.0314**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-39	Oct-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	**0.0271**	<0.000380	<0.000469	<0.000866	0.000700 J	<0.000379	<0.000348	<0.000453
	MW-39	Jun-20			<0.00119	0.00100 J	0.000516 J	<0.000478	<0.0113	**0.0289**	<0.000136	<0.000129	<0.000605	0.000474 J	<0.000128	<0.000116 J4	<0.000192
	MW-39	Oct-20			<0.00119	<0.000787	0.000315 J	<0.000478	<0.0113	0.00397	<0.000136	<0.000129	<0.000605 J4	0.000500 J	<0.000128	<0.000116	<0.000192
	MW-40	Apr-17			<0.00393	<0.00382	0.000356 J	<0.00214	<0.0100	**0.00857**	<0.000380	<0.000469	<0.000866	0.00128	<0.000379	<0.000348	<0.000453
	MW-40	Apr-18			<0.00393	<0.00382	0.000376 J	0.00447 J	0.0269 J	0.000769 J	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-40	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	**0.0192**	<0.000380	<0.000469	<0.000866	0.00113	<0.000379	<0.000348	<0.000453
	MW-40	Jun-20			<0.00119	<0.000787	0.000184 J	<0.000478	<0.0113	0.000284 J	<0.000136	<0.000129	<0.000605	0.000625 J	<0.000128	<0.000116	<0.000192
	MW-41	Apr-18			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	0.000311 J	<0.000379	<0.000348	<0.000453
	MW-41	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	**0.00758**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-41	Jun-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	**0.0173**	<0.000136	<0.000129	<0.000605	0.000737 J	<0.000128	<0.000116	<0.000192
	MW-41	Apr-21			<0.00119	<0.000787 J4	<0.000120	<0.000478	<0.0113	**0.00922**	<0.000136	<0.000129 J4	<0.000605	0.000170 J	<0.000128	<0.000116	<0.000192 J4
	MW-42	Apr-19			<0.0196	<0.0191	<0.00175	<0.0107	<0.0500	**0.164**	<0.00190	<0.00234	<0.00433	<0.00138	<0.00190	<0.00174	<0.00226
	MW-42	Jun-20			<0.00595	<0.00394	<0.000600	<0.00239	<0.0565	**0.109**	<0.000680	<0.000645	<0.00303	<0.000481	<0.000640	<0.000580	<0.000960
	MW-42	Apr-21			<0.00595	<0.00394 J4	<0.000600	<0.00239	<0.0565	**0.00740**	<0.000680	<0.000645 J4	<0.00303	0.00127 J	<0.000640	<0.000580	<0.000960 J4
	MW-42	Apr-22			<0.00595	<0.00394	0.00190 J	<0.00239	<0.0565	**0.00757**	<0.000680	<0.000645	<0.00303	<0.000481	<0.000640	<0.000580	<0.000960
	MW-43	Apr-19			<0.786	**<0.764**	<0.0700	<0.428	<2.00	**6.22**	<0.0760	**<0.0938**	**<0.173**	<0.0550	**<0.0758**	<0.0696	<0.0906
	MW-43	Oct-19			<0.786	**<0.764**	<0.0700	<0.428	<2.00	**5.74**	<0.0760	**<0.0938**	**<0.173**	<0.0550	**<0.0758**	<0.0696	<0.0906
	MW-43	Jun-20			<0.0238	<0.0157	0.00337 J	<0.00956	<0.226	**3.09**	<0.00272	<0.00258	**<0.0121**	<0.00192	<0.00256	<0.00232 J4	<0.00384
	MW-43	Oct-20			<0.0595	**<0.0394**	<0.00600	<0.0239	<0.565	**9.06**	<0.00680	**<0.00645**	**<0.0303**	<0.00481	**<0.00640**	<0.00580	<0.00960
	MW-59	Apr-17			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	0.00218	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-59	Apr-18			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	0.00105	<0.000380	<0.000469	<0.000866	0.000371 J	<0.000379	<0.000348	<0.000453
	MW-59	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100 J4	0.000519 J	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-59	Jun-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.00112	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-60	Jun-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.00187	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-60	Jun-20	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.00390	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-60	Oct-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.00231	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-60	Oct-20	FD		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.00279 B	<0.000136	<0.000129	<0.000605	0.000755 JB	<0.000128	<0.000116	<0.000192

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	2-Butanone (MEK)	2-Hexanone (Methyl N-Butyl Ketone)	4-Isopropyl-toluene (p-Cymene)	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform (Tribromo-methane)	Bromo-methane	Carbon disulfide	Carbon tetrachloride	Chloro-benzene	Chloroethane
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	5.56	0.0380	---	1.24	14.1	0.00500	0.0800	0.00330	0.00754	0.810	0.00500	0.100	20.9
				CGWSL Source:	NMED TW	USEPA TW	---	NMED TW	TMED TW	WQCC HH	USEPA MCL	USEPA MCL	NMED TW	NMED TW	WQCC HH	USEPA MCL	NMED TW
Area	**Well ID**	**Date**	**Dup**														
North Refinery	MW-61	Mar-23			<0.0595	**<0.0394**	<0.00600	<0.0239	<0.565	**0.993**	<0.00680	**<0.00645**	**<0.0303**	0.0297 JB	**<0.00640**	<0.00580	<0.00960
	MW-61	Oct-23			<0.0119	<0.00787	0.00683 J	<0.00478	<0.113	**1.21**	<0.00136	<0.00129	<0.00605	0.00469 J	<0.00128	<0.00116	<0.00192
	MW-61	Apr-24			<0.0238	<0.0157	0.00732 J	<0.00956	<0.226	**0.976**	<0.00272	<0.00258	**<0.0121**	0.0105 JB	<0.00256	<0.00232	<0.00384
	MW-61	Oct-24			<0.0119	<0.00787	0.0108	<0.00478	<0.113	**0.760**	<0.00136	<0.00129	<0.00605	0.00779 J	<0.00128	<0.00116	<0.00192
	MW-61	Apr-25			<0.0595 J3	**<0.0394** J3 J4	<0.00600	<0.0239	<0.565 J3	**0.726**	<0.00680	**<0.00645**	**<0.0303**	0.0143 J	**<0.00640**	<0.00580	<0.00960
	MW-61	Oct-25			<0.450	**<0.290**	<0.0172	<0.376	<2.34	**0.682**	<0.0186	**<0.0274**	**<0.243**	<0.0255	**<0.0180**	<0.0133	<0.139
	MW-62	Oct-20			<0.0238	<0.0157	0.00397 J	<0.00956	<0.226	**1.24**	<0.00272	<0.00258	**<0.0121**	0.00520 J	<0.00256	<0.00232	<0.00384
	MW-62	Sep-21			<0.0595	**<0.0394**	0.0371 J	<0.0239	<0.565	**2.11**	<0.00680	**<0.00645**	**<0.0303**	<0.00481	**<0.00640**	<0.00580	<0.00960
	MW-62	Apr-22			<0.0595	**<0.0394**	0.0465 J	<0.0239	<0.565	**2.19**	<0.00680	**<0.00645**	**<0.0303**	<0.00481	**<0.00640**	<0.00580	<0.00960
	MW-62	Oct-22			<0.0595	**<0.0394**	<0.00600	<0.0239	<0.565	**1.80**	<0.00680	**<0.00645** J4	**<0.0303**	0.00990 J	**<0.00640**	<0.00580	<0.00960
	MW-62R	Apr-21			<0.0595	**<0.0394**	<0.00600	<0.0239	<0.565	**0.451**	<0.00680	**<0.00645**	**<0.0303**	<0.00481	**<0.00640**	<0.00580	<0.00960
	MW-62R	Apr-22			<0.0119	<0.00787	0.00697 J	<0.00478	<0.113	**3.20**	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-62R	Mar-23			<0.119	**<0.0787**	<0.0120	<0.0478	<1.13	**6.02**	<0.0136	**<0.0129**	**<0.0605**	0.0515 JB	**<0.0128**	<0.0116	<0.0192
	MW-62R	Apr-24			0.0228	<0.000787	0.00126	<0.000478	<0.0113	**4.77**	<0.000136	<0.000129	<0.000605	0.000277 JB	<0.000128	<0.000116	<0.000192
	MW-67	Oct-17			<0.00393	<0.00382	0.000487 J	<0.00214	<0.0100	**0.130**	<0.000380	<0.000469	<0.000866	0.000547 J	<0.000379	<0.000348	<0.000453
	MW-67	Apr-18			<0.0196	<0.0191	0.00191 J	<0.0107	<0.0500	**0.147**	<0.00190	<0.00234	<0.00433	<0.00138	<0.00190	<0.00174	<0.00226
	MW-67	Oct-18			<0.00393	<0.00382	0.000513 J	<0.00214	<0.0100	0.00480	<0.000380	<0.000469	<0.000866	0.000465 J	<0.000379	<0.000348	<0.000453
	MW-67	Apr-19			<0.0196	<0.0191	<0.00175	<0.0107	<0.0500	**0.122**	<0.00190	<0.00234	<0.00433	<0.00138	<0.00190	<0.00174	<0.00226
	MW-90	Mar-23			<0.0119	<0.00787 J4	<0.00120	<0.00478 J4	<0.113	0.00257 J	<0.00136	<0.00129	<0.00605	0.00501 J	<0.00128	<0.00116	<0.00192
	MW-90	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000921 J	<0.000136	<0.000129	<0.000605	0.000360 J	<0.000128	<0.000116	<0.000192
	MW-90	Apr-24			0.00435 J	<0.000787	0.000134 J	<0.000478	<0.0113	0.00154	<0.000136	<0.000129	<0.000605	0.000607 JB	<0.000128	<0.000116	<0.000192
	MW-90	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 Q	0.000474 J	<0.000128	<0.000116	<0.000192 Q
	MW-90	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000427 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-90	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	0.00308	<0.000371	<0.000548 C3	<0.00485 C3	0.00167	<0.000360	<0.000266	<0.00279
	MW-91	Oct-18			<0.393	**<0.382**	<0.0350	<0.214	<1.00	**2.86**	<0.0380	**<0.0469**	**<0.0866**	<0.0275	**<0.0379**	<0.0348	<0.0453
	MW-91	Apr-19			<0.393	**<0.382**	<0.0350	<0.214	<1.00	**2.89**	<0.0380	**<0.0469**	**<0.0866**	<0.0275	**<0.0379**	<0.0348	<0.0453
	MW-91	Oct-19			<0.393	**<0.382**	<0.0350	<0.214	<1.00	**4.07**	<0.0380	**<0.0469**	**<0.0866**	<0.0275	**<0.0379**	<0.0348	<0.0453
	MW-91	Jun-20			<0.119	**<0.0787**	<0.0120	<0.0478	<1.13	**4.12**	<0.0136	**<0.0129**	**<0.0605**	0.0254 J	**<0.0128**	<0.0116	<0.0192
	MW-93	Apr-17			<0.0982	**<0.0955**	<0.00875	<0.0535	<0.250	**0.633**	<0.00950	**<0.0117**	**<0.0216** J4	<0.00688	**<0.00948**	<0.00870	<0.0113
	MW-93	Apr-18			<0.00393	<0.00382	0.00268	<0.00214	<0.0100	**0.857**	<0.000380	<0.000469	<0.000866	0.00180	<0.000379	<0.000348	<0.000453
	MW-93	Apr-19			<0.00393	<0.00382	0.00345	<0.00214	<0.0100	**0.673**	<0.000380	<0.000469	<0.000866	0.00136	<0.000379	<0.000348	<0.000453
	MW-93	Jun-20			<0.0238	<0.0157	<0.00240	<0.00956	<0.226	**1.21**	<0.00272	<0.00258	**<0.0121**	<0.00192	<0.00256	<0.00232	<0.00384
	MW-94	Nov-14			<0.0790	**<0.0760**	0.0200	<0.0430	<0.200	**0.370**	<0.00760	**<0.00940**	**<0.0170**	0.0200	**<0.00760**	<0.00700	<0.00910
	MW-94	Oct-15			<0.0393	**<0.0382**	0.0301	<0.0214	<0.100	**0.339**	<0.00380	**<0.00469**	**<0.00866**	0.00445 J	<0.00379	<0.00348	<0.00453
	MW-94	Apr-17			<0.0982	**<0.0955**	0.0477	<0.0535	<0.250	**0.284**	<0.00950	**<0.0117**	**<0.0216** J4	0.0101 J	**<0.00948**	<0.00870	<0.0113
	MW-95	Apr-17			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-95	Apr-18			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453 J4
	MW-95	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	MW-95	Jun-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000603 J	<0.000136	<0.000129	<0.000605	0.000192 J	<0.000128	<0.000116	<0.000192
	MW-96	Mar-23			<1.19 J3	**<0.787** J3	<0.120	<0.478 J3J4	<11.3	**<0.0941**	**<0.136**	**<0.129** J3	**<0.605** J3	0.572 J	**<0.128**	**<0.116**	<0.192
	MW-96	Oct-23			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	<0.000941	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-96	Apr-24			<0.00119	<0.000787	0.000541 J	<0.000478	<0.0113	0.000831 J	<0.000136	<0.000129	<0.000605	0.000507 JB	<0.000128	<0.000116	<0.000192
	MW-96	Oct-24			<1.19	**<0.787**	<0.120	<0.478	<11.3	**<0.0941**	**<0.136**	**<0.129**	**<0.605**	<0.0962	**<0.128**	**<0.116**	<0.192
	MW-96	Apr-25			<1.19 J3	**<0.787**	<0.120	<0.478	<11.3 J3	**<0.0941**	**<0.136**	**<0.129**	**<0.605** C3J3	<0.0962	**<0.128**	**<0.116**	<0.192
	MW-96	Oct-25			**<9.00**	**<5.80**	<0.345	**<7.52**	**<46.9**	**<0.320**	**<0.371**	**<0.548**	**<4.85**	<0.510	**<0.360**	**<0.266**	<2.79
	MW-98	Mar-23			<0.238	**<0.157**	<0.0240	<0.0956	<2.26	**0.617**	<0.0272	**<0.0258**	**<0.121**	0.0594 JB	**<0.0256**	<0.0232	<0.0384
	MW-98	Oct-23			<0.0119	<0.00787	0.00677 J	<0.00478	<0.113	**0.502**	<0.00136	<0.00129	<0.00605	0.0215	<0.00128	<0.00116	<0.00192
	MW-98	Apr-24			<0.0595	**<0.0394**	0.0125 J	<0.0239	<0.565	**0.291**	<0.00680	**<0.00645**	**<0.0303**	0.0353 JB	**<0.00640**	<0.00580	<0.00960
	MW-98	Oct-24			<0.0595	**<0.0394**	0.0176 J	<0.0239	<0.565	**0.237**	<0.00680	**<0.00645**	**<0.0303**	<0.00481	**<0.00640**	<0.00580	<0.00960
	MW-98	Apr-25			<0.0595	**<0.0394**	<0.00600	<0.0239	<0.565 C3	**0.176**	<0.00680	**<0.00645**	**<0.0303**	<0.00481	**<0.00640**	<0.00580	<0.00960 J4
	MW-98	Oct-25			<0.450	**<0.290**	<0.0172	<0.376	<2.34	**0.185**	<0.0186	**<0.0274**	**<0.243**	<0.0255	**<0.0180**	<0.0133	<0.139
	MW-137	Oct-17			<0.786	**<0.764**	<0.0700	<0.428	<2.00	**12.5**	<0.0760	**<0.0938**	**<0.173**	0.0615 J	**<0.0758**	<0.0696	<0.0906
	MW-137	Apr-18			<0.786	**<0.764**	<0.0700	<0.428	<2.00	**9.63**	<0.0760	**<0.0938**	**<0.173**	0.0554 J	**<0.0758**	<0.0696	<0.0906
	MW-137	Oct-18			<0.786	**<0.764**	<0.0700	<0.428	<2.00	**10.6**	<0.0760	**<0.0938**	**<0.173**	<0.0550	**<0.0758**	<0.0696	<0.0906
	MW-137	Apr-19			<0.786	**<0.764**	<0.0700	<0.428	<2.00	**7.93**	<0.0760	**<0.0938**	**<0.173**	<0.0550	**<0.0758**	<0.0696	<0.0906
	MW-138	Oct-17			<0.0196	<0.0191	<0.00175	<0.0107	<0.0500	**0.701**	<0.00190	<0.00234	<0.00433	<0.00138	<0.00190	<0.00174	<0.00226
	MW-138	Apr-18			<0.0196	<0.0191	<0.00175	<0.0107	<0.0500	**0.741**	<0.00190	<0.00234	<0.00433	0.00176 J	<0.00190	<0.00174	<0.00226
	MW-138	Oct-18			<0.0196	<0.0191	0.00303 J	<0.0107	<0.0500	**0.628**	<0.00190	<0.00234	<0.00433	<0.00138	<0.00190	<0.00174	<0.00226
	MW-138	Apr-19			<0.0196	<0.0191	0.00509	<0.0107	<0.0500	**0.663**	<0.00190	<0.00234	<0.00433	<0.00138	<0.00190	<0.00174	<0.00226
	MW-157	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	MW-157	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-157	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	0.000338 J	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	RW-1	Apr-15			<0.200	**<0.190**	<0.0180	<0.110	<0.500	**0.962**	<0.0190	**<0.0230**	**<0.0430**	<0.0140	**<0.0190**	<0.0170	<0.0230
	RW-1	Apr-17			<0.0393	**<0.0382**	<0.00350	<0.0214	<0.100	**0.696**	<0.00380	**<0.00469**	**<0.00866**	0.00277 J	<0.00379	<0.00348	<0.00453
	RW-1	Apr-18			<0.00393	<0.00382	0.00204	<0.00214	<0.0100	**1.52**	<0.000380	<0.000469	<0.000866	0.00134	<0.000379	<0.000348	<0.000453
	RW-1	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	0.00151	<0.000379	<0.000348	<0.000453
	RW-2	Apr-17			<0.196	**<0.191**	<0.0175	<0.107	<0.500	**7.78**	<0.0190	**<0.0234**	**<0.0433** J4	<0.0138	**<0.0190**	<0.0174	<0.0226
	RW-2	Apr-18			<0.00393	<0.00382	0.00776	<0.00214	<0.0100	**4.68**	<0.000380	<0.000469	<0.000866	0.00224	<0.000379	<0.000348	<0.000453
	RW-2	Mar-23			<0.0238	<0.0157	<0.00240	<0.00956	<0.226	**1.51**	<0.00272	<0.00258	**<0.0121**	0.0125 JB	<0.00256	<0.00232	<0.00384
	RW-2	Apr-25			<0.00595 C3	<0.00394	<0.000600	<0.00239	<0.0565	**0.00675**	<0.000680	<0.000645	<0.00303	<0.000481	<0.000640	<0.000580	<0.000960
	RW-7	Apr-17			<0.00393	<0.00382	<0.000350	<0.00214	0.0100 J	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	RW-7	Apr-18			<0.00393	<0.00382	0.000872 J	<0.00214	<0.0100	**0.0319**	<0.000380	<0.000469	<0.000866	0.000556 J	<0.000379	<0.000348	<0.000453 J4
	RW-7	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	**0.0114**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	RW-7	Jun-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.00487	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RW-8	Apr-15			<0.0390	<0.0380	<0.00350	<0.0210	<0.100	**0.0412**	<0.00380	**<0.00470**	**<0.00870**	<0.00280	<0.00380	<0.00350	<0.00450
	RW-8	Apr-17			<0.00393	<0.00382	0.00735	<0.00214	<0.0100	**0.0718**	<0.000380	<0.000469	<0.000866	0.00138	<0.000379	<0.000348	<0.000453
	RW-9	Apr-22			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	0.00298 J	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	RW-9	Mar-23			<0.0119	<0.00787 J4	<0.00120	<0.00478 J4	<0.113	0.00245 J	<0.00136	<0.00129	<0.00605	0.00272 J	<0.00128	<0.00116	<0.00192
	RW-9	Apr-24			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	0.00241 J	<0.00136	<0.00129	<0.00605	0.00411 JB	<0.00128	<0.00116	<0.00192
	RW-9	Apr-25			<0.0119 J3	<0.00787	<0.00120	<0.00478	<0.113 J3	**0.0992**	<0.00136	<0.00129	<0.00605 C3J3	<0.000962	<0.00128	<0.00116	<0.00192
	RW-10	Apr-18			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	RW-10	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	RW-10	Jun-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000205 J	<0.000136	<0.000129	<0.000605	0.000318 J	<0.000128	<0.000116 J4	<0.000192
	RW-10	Apr-21			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000378 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RW-16B	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	RW-16B	Jun-20			0.0142	0.00117 J	<0.000120	<0.000478	0.0228 J	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RW-16B	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RW-16B	Apr-25			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	<0.000116	<0.000192
	RW-17A	Apr-18			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	RW-17A	Apr-19			<0.00393	<0.00382	<0.000350	<0.00214	<0.0100 J4	0.000850 J	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	RW-17A	Jun-20			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RW-17A	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	2-Butanone (MEK)	2-Hexanone (Methyl N-Butyl Ketone)	4-Isopropyl-toluene (p-Cymene)	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform (Tribromo-methane)	Bromo-methane	Carbon disulfide	Carbon tetrachloride	Chloro-benzene	Chloroethane
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	5.56	0.0380	---	1.24	14.1	0.00500	0.0800	0.00330	0.00754	0.810	0.00500	0.100	20.9
				CGWSL Source:	NMED TW	USEPA TW	---	NMED TW	TMED TW	WQCC HH	USEPA MCL	USEPA MCL	NMED TW	NMED TW	WQCC HH	USEPA MCL	NMED TW
Area	**Well ID**	**Date**	**Dup**														
North RO Reject Field	MW-117	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-117	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-117	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-117	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-117	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-117	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-118	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-118	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-118	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-118	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-118	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-118	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-119	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-119	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-119	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-119	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-119	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-119	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-140	Mar-23														
	MW-140	Oct-23														
	MW-140	Apr-24														
	MW-140	Oct-24														
	MW-140	Apr-25														
	MW-140	Oct-25														
	MW-141	Mar-23														
	MW-141	Oct-23														
	MW-141	Apr-24														
	MW-141	Oct-24														
	MW-141	Apr-25														
	MW-141	Oct-25														
	MW-142	Mar-23														
	MW-142	Oct-23														
	MW-142	Apr-24														
	MW-142	Oct-24														
	MW-142	Apr-25														
	MW-142	Oct-25														
	MW-143	Mar-23														
	MW-143	Oct-23														
	MW-143	Apr-24														
	MW-143	Oct-24														
	MW-143	Apr-25														
	MW-143	Oct-25														
	MW-162	Oct-24														
	MW-162	Apr-25														
	MW-162	Oct-25														
South Refinery	KWB-2R	Oct-19		<0.00393	<0.00382	0.00115	<0.00214	<0.0100	**0.920**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	KWB-2R	Mar-23		<0.00595	<0.00394	0.00548	<0.00239	<0.0565	**0.0537**	<0.000680	<0.000645	<0.00303	0.000737 J	<0.000640	<0.000580	<0.000960 J4
	KWB-2R	Oct-23		<0.00595	<0.00394	<0.000600	<0.00239	<0.0565	**0.0367**	<0.000680	<0.000645	<0.00303	0.000778 J	<0.000640	<0.000580	<0.000960
	KWB-2R	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	**0.0182**	<0.000136 J4	<0.000129	<0.000605	0.000170 J	<0.000128 J4	<0.000116	<0.000192
	KWB-5	Oct-17		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	**0.336**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	KWB-5	Apr-18		<0.982	**<0.955**	<0.0875	<0.535	<2.50	**0.411**	**<0.0950**	**<0.117**	**<0.216**	<0.0688	**<0.0948**	<0.0870	<0.113
	KWB-5	Oct-18		<0.982	**<0.955**	<0.0875	<0.535	<2.50	**0.278**	**<0.0950**	**<0.117**	**<0.216**	<0.0688	**<0.0948**	<0.0870	<0.113 J4
	KWB-5	Apr-19		<0.982	**<0.955**	<0.0875	<0.535	<2.50	**0.425**	**<0.0950**	**<0.117**	**<0.216** J3	<0.0688	**<0.0948**	<0.0870	<0.113
	KWB-6	Apr-17		<0.0196	<0.0191	0.00450 J	<0.0107	<0.0500	**4.67**	<0.00190	<0.00234	<0.00433	<0.00138	<0.00190	<0.00174	<0.00226
	KWB-6	Oct-17		<0.00393	<0.00382	0.00825	<0.00214	<0.0100	**3.22**	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	KWB-6	Apr-18		<0.0786	**<0.0764**	0.00807 J	<0.0428	<0.200	**3.88**	<0.00760	**<0.00938**	**<0.0173**	<0.00550	**<0.00758**	<0.00696	<0.00906
	KWB-6	Oct-18		<0.0786 J3J4	**<0.0764**	0.00755 J	<0.0428	<0.200 J3	**2.64**	<0.00760	**<0.00938**	**<0.0173**	<0.00550	**<0.00758**	<0.00696	<0.00906
	MW-28	Apr-19		<0.196	**<0.191**	<0.0175	<0.107	<0.500 J4	**1.43**	<0.0190	**<0.0234**	**<0.0433**	<0.0138	**<0.0190**	<0.0174	<0.0226
	MW-28	Oct-19		<0.197	**<0.191**	<0.0175	<0.107	<0.500	**1.51**	<0.0190	**<0.0235**	**<0.0433**	0.0372 J	**<0.0190**	<0.0174	<0.0227
	MW-28	Jun-20		<0.00595	<0.00394	0.00154 J	<0.00239	<0.0565	**0.397**	<0.000680	<0.000645	<0.00303	0.000607 J	<0.000640	<0.000580 J4	<0.000960
	MW-28	Oct-20		<0.00595	<0.00394	0.00110 J	<0.00239	<0.0565	**0.362**	<0.000680	<0.000645	<0.00303	<0.000481	<0.000640	<0.000580	<0.000960
	MW-48	Apr-18		<0.982	**<0.955**	<0.0875	<0.535	<2.50	**14.9**	**<0.0950**	**<0.117**	**<0.216**	<0.0688	**<0.0948**	<0.0870	<0.113
	MW-48	Oct-18		<0.982 J3J4	**<0.955**	<0.0875	<0.535	<2.50 J3	**7.97**	**<0.0950**	**<0.117**	**<0.216**	<0.0688	**<0.0948**	<0.0870	<0.113
	MW-48	Apr-19		<0.982	**<0.955**	<0.0875	<0.535	<2.50	**4.87**	**<0.0950**	**<0.117**	**<0.216** J3	<0.0688	**<0.0948**	<0.0870	<0.113
	MW-48	Oct-19		<0.983	**<0.955**	<0.0875	<0.535	<2.50	**5.04**	**<0.0950**	**<0.117**	**<0.217**	<0.0688	**<0.0948**	<0.0870	<0.113
	MW-50	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-50	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-50	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000229 JB	<0.000128	<0.000116	<0.000192
	MW-50	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128 J4	<0.000116	<0.000192
	MW-50	Apr-25		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-50	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-52	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000250 JB	<0.000128	<0.000116	<0.000192
	MW-52	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	**0.00958**	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-52	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-52	Oct-24		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-52	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478 J4	<0.0113 J4	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192 C3
	MW-52	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-64	Mar-23		<0.595	**<0.394**	<0.0600	<0.239	<5.65	**22.7**	<0.0680	**<0.0645**	**<0.303**	0.257 JB	**<0.0640**	<0.0580	<0.0960
	MW-64	Oct-23		<0.119	**<0.0787**	<0.0120	<0.0478	<1.13	**28.0**	<0.0136	**<0.0129**	**<0.0605**	0.0164 J	**<0.0128**	<0.0116	<0.0192
	MW-64	Apr-24		<0.595	**<0.394**	<0.0600	<0.239	<5.65	**19.6**	<0.0680	**<0.0645**	**<0.303**	<0.0481	**<0.0640**	<0.0580	<0.0960
	MW-64	Oct-24		<0.595	**<0.394**	<0.0600	<0.239	<5.65	**24.6**	<0.0680	**<0.0645**	**<0.303**	<0.0481	**<0.0640**	<0.0580	<0.0960
	MW-64	Apr-25		<0.595 C3	**<0.394**	<0.0600	<0.239	<5.65	**18.4**	<0.0680	**<0.0645**	**<0.303**	<0.0481	**<0.0640**	<0.0580	<0.0960
	MW-64	Oct-25		<4.50	**<2.90**	<0.172	**<3.76**	**<23.4**	**19.7**	**<0.186**	**<0.274**	**<2.43** C3	<0.255	**<0.180** C3	**<0.133**	<1.40
	MW-65	Oct-19		<0.393	**<0.382**	<0.0350	<0.214	<1.00	**6.07**	<0.0380	**<0.0469**	**<0.0866**	<0.0275	**<0.0379**	<0.0348	<0.0453
	MW-65	Mar-23		<0.00119 J3	<0.000787 J3	0.000816 J	<0.000478 J3J4	<0.0113	**0.462**	<0.000136	<0.000129 J3	<0.000605 J3	0.00144	<0.000128	<0.000116	<0.000192
	MW-65	Oct-23		<0.0298	<0.0197	<0.00300	<0.0120	<0.282	**0.216**	<0.00340	<0.00322	**<0.0151**	0.00299 J	<0.00320	<0.00290	<0.00480
	MW-65	Apr-24		<0.0298	<0.0197	<0.00300	<0.0120	<0.282	**0.319**	<0.00340	<0.00322	**<0.0151**	<0.00241	<0.00320	<0.00290	<0.00480
	MW-66	Oct-19		<0.0983	**<0.0955**	<0.00875	<0.0535	<0.250	**1.24**	<0.00950	**<0.0117**	**<0.0217**	<0.00688	**<0.00948**	<0.00870	<0.0113
	MW-66	Jun-20		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	**1.18**	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-66	Oct-20		<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**0.965**	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-66	Apr-21		<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**0.701**	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-99	Oct-18		<0.393 J3J4	**<0.382**	<0.0350	<0.214	<1.00 J3	**2.54**	<0.0380	**<0.0469**	**<0.0866**	<0.0275	**<0.0379**	<0.0348	<0.0453
	MW-99	Apr-19		<0.393	**<0.382**	<0.0350	<0.214	<1.00 J4	**1.67**	<0.0380	**<0.0469**	**<0.0866**	<0.0275	**<0.0379**	<0.0348	<0.0453
	MW-99	Oct-19		<0.393	**<0.382**	<0.0350	<0.214	<1.00	**0.233**	<0.0380	**<0.0469**	**<0.0866**	<0.0275	**<0.0379**	<0.0348	<0.0453
	MW-99	Jun-20		<0.0119	<0.00787	0.00193 J	<0.00478	<0.113	**0.414**	<0.00136	<0.00129	<0.00605	0.0193	<0.00128	<0.00116	<0.00192
	MW-101	Mar-23		<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**3.93**	<0.00136	<0.00129	<0.00605	0.00602 JB	<0.00128	<0.00116	<0.00192
	MW-101	Oct-23		<0.00119	<0.000787	0.000238 J	<0.000478	<0.0113	**0.0178**	<0.000136	<0.000129	<0.000605	0.000101 J	<0.000128	<0.000116	<0.000192
	MW-101	Apr-24		0.00752 J	<0.000787	<0.000120	<0.000478	<0.0113	**0.0110**	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-101	Oct-24		<0.00119	<0.000787	<0.000120	0.00219 J	<0.0113	**6.99**	<0.000136	<0.000129	<0.000605	0.00109	<0.000128	<0.000116	<0.000192
	MW-101	Apr-25		<0.0238 C3	<0.0157	<0.00240	<0.00956	<0.226	**0.454**	<0.00272	<0.00258	**<0.0121**	<0.00192	<0.00256	<0.00232	<0.00384
	MW-101	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	0.00446	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	2-Butanone (MEK)	2-Hexanone (Methyl N-Butyl Ketone)	4-Isopropyl-toluene (p-Cymene)	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform (Tribromo-methane)	Bromo-methane	Carbon disulfide	Carbon tetrachloride	Chloro-benzene	Chloroethane
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	5.56	0.0380	---	1.24	14.1	0.00500	0.0800	0.00330	0.00754	0.810	0.00500	0.100	20.9
				CGWSL Source:	NMED TW	USEPA TW	---	NMED TW	TMED TW	WQCC HH	USEPA MCL	USEPA MCL	NMED TW	NMED TW	WQCC HH	USEPA MCL	NMED TW
Area	**Well ID**	**Date**	**Dup**														
South Refinery	MW-102	Mar-23			<0.238	**<0.157**	<0.0240	<0.0956	<2.26	**16.3**	<0.0272	**<0.0258**	**<0.121**	0.0703 JB	**<0.0256**	<0.0232	<0.0384
	MW-102	Mar-23	FD		<0.119	**<0.0787**	<0.0120	<0.0478	<1.13	**15.8**	<0.0136	**<0.0129**	**<0.0605**	0.0322 JB	**<0.0128**	<0.0116	<0.0192
	MW-102	Oct-23			0.0270	0.00612 J	<0.000120	<0.000478	<0.0113	**13.4**	<0.000136	<0.000129	<0.000605	0.000559 J	<0.000128	<0.000116	<0.000192
	MW-102	Oct-23	FD		<0.298	**<0.197**	<0.0300	<0.120	<2.82	**11.2**	<0.0340	**<0.0323**	**<0.151**	0.0294 J	**<0.0320**	<0.0290	<0.0480
	MW-102	Apr-24			<0.0119	<0.00787	0.00507 J	<0.00478	<0.113	**15.0**	<0.00136	<0.00129	<0.00605	0.00126 J	<0.00128	<0.00116	<0.00192
	MW-102	Apr-24	FD		0.0478 J	<0.00787	0.00396 J	0.0188 J	<0.113	**13.5**	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-102	Oct-24			<0.298	**<0.197**	<0.0300	<0.120	<2.82	**12.8**	<0.0340	**<0.0323**	**<0.151**	<0.0241	**<0.0320**	<0.0290	<0.0480
	MW-102	Oct-24	FD		<0.298	**<0.197**	<0.0300	<0.120	<2.82	**17.8**	<0.0340	**<0.0323**	**<0.151**	<0.0241	**<0.0320**	<0.0290	<0.0480
	MW-102	Apr-25			<0.298 C3	**<0.197**	<0.0300	<0.120	<2.82	**10.1**	<0.0340	**<0.0323**	**<0.151**	<0.0241	**<0.0320**	<0.0290	<0.0480
	MW-102	Apr-25	FD		<0.298 C3	**<0.197**	<0.0300	<0.120	<2.82	**10.6**	<0.0340	**<0.0323**	**<0.151**	<0.0241	**<0.0320**	<0.0290	<0.0480
	MW-102	Oct-25			<0.00900	<0.00580	0.00735	0.0207	<0.0469	**14.5**	<0.000371	<0.000548	<0.00485 C3	0.00176	<0.000360 C3	<0.000266	<0.00279
	MW-102	Oct-25	FD		<4.50	**<2.90**	<0.172	**<3.76**	**<23.4**	**14.3**	**<0.186**	**<0.274**	**<2.43** C3	<0.255	**<0.180** C3	**<0.133**	<1.40
	MW-103	Apr-22			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**1.23**	<0.00136	<0.00129	<0.00605	0.00474 J	<0.00128	<0.00116	<0.00192
	MW-103	Mar-23			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**0.995**	<0.00136	<0.00129	<0.00605	0.00371 JB	<0.00128	<0.00116	<0.00192
	MW-103	Apr-24			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**0.836**	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-103	Apr-25			<0.0119 C3	<0.00787	<0.00120	<0.00478	<0.113	**0.770**	<0.00136	<0.00129	<0.00605	0.00163 J	<0.00128	<0.00116	<0.00192
	MW-104	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	**0.00954**	<0.000136	<0.000129	<0.000605	0.00204	<0.000128	<0.000116	<0.000192
	MW-104	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.00333	<0.000136	<0.000129	<0.000605	0.000453 J	<0.000128	<0.000116	<0.000192
	MW-104	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	**0.0324**	<0.000136	<0.000129	<0.000605	0.000601 J	<0.000128	<0.000116	<0.000192
	MW-104	Oct-24			0.0148	<0.000787	<0.000120	<0.000478	<0.0113	**0.0341**	<0.000136	<0.000129	<0.000605	0.000862 J	<0.000128	<0.000116	<0.000192
	MW-104	Apr-25			<0.00119 C3	<0.000787	<0.000120	<0.000478	<0.0113	**0.00759**	<0.000136	<0.000129	<0.000605	0.000417 J	<0.000128	<0.000116	<0.000192
	MW-104	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	0.000566 J	<0.000371	<0.000548	<0.00485 C3	0.000713 J	<0.000360 C3	<0.000266	<0.00279
	MW-105	Mar-23			<0.119	**<0.0787**	<0.0120	<0.0478	<1.13	**3.65**	<0.0136	**<0.0129**	**<0.0605**	0.0738 JB	**<0.0128**	<0.0116	<0.0192
	MW-105	Oct-23			<0.00595	<0.00394	0.00320 J	<0.00239	<0.0565	**0.386**	<0.000680	<0.000645	<0.00303	0.000482 J	<0.000640	<0.000580	<0.000960
	MW-105	Apr-24			<0.0119	<0.00787	0.00430 J	0.00687 J	<0.113	**3.90**	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-105	Oct-24			0.0361 J	<0.00394	0.00454 J	<0.00239	<0.0565	**3.15**	<0.000680	<0.000645	<0.00303	0.00484 J	<0.000640	<0.000580	<0.000960
	MW-105	Apr-25			<0.119 J3	**<0.0787** J3 J4	<0.0120	<0.0478	<1.13 J3	**4.27**	<0.0136	**<0.0129**	**<0.0605**	<0.00962	**<0.0128**	<0.0116	<0.0192
	MW-105	Oct-25			<0.00900	<0.00580	0.00378	<0.00752	<0.0469	**4.14**	<0.000371	<0.000548 C3	<0.00485 C3	0.00198	<0.000360	<0.000266	<0.00279
	MW-106	Oct-23			<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**1.23**	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-106	Apr-24			<0.0298	<0.0197	0.00357 J	<0.0120	<0.282	**12.4**	<0.00340	<0.00322	**<0.0151**	0.0158 JB	<0.00320	<0.00290	<0.00480
	MW-106	Oct-24			<0.595	**<0.394**	<0.0600	<0.239	<5.65	**7.17**	<0.0680	**<0.0645**	**<0.303**	<0.0481	**<0.0640**	<0.0580	<0.0960 J3
	MW-106	Apr-25			<0.238	**<0.157**	<0.0240	<0.0956	<2.26	**5.89**	<0.0272	**<0.0258**	**<0.121**	<0.0192	**<0.0256**	<0.0232	<0.0384
	MW-106	Oct-25			<0.00900	<0.00580	0.00124	<0.00752	<0.0469	**1.88**	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-107	Oct-15			<0.393	**<0.382**	<0.0350	<0.214	<1.00	**6.29**	<0.0380	**<0.0469**	**<0.0866**	<0.0275	**<0.0379**	<0.0348	<0.0453
	MW-107	Apr-17			<0.196	**<0.191**	<0.0175	<0.107	<0.500	**3.37**	<0.0190	**<0.0234**	**<0.0433** J4	<0.0138	**<0.0190**	<0.0174	<0.0226
	MW-107	Apr-18			<0.00393	<0.00382	0.000710 J	0.00375 J	<0.0100	**6.55**	<0.000380	<0.000469	<0.000866	0.000332 J	<0.000379	<0.000348	<0.000453
	MW-107	Apr-19			<0.982	**<0.955**	<0.0875	<0.535	<2.50 J4	**6.43**	**<0.0950**	**<0.117**	**<0.216**	<0.0688	**<0.0948**	<0.0870	<0.113
	MW-109	Mar-23			<0.0595	**<0.0394**	<0.00600	<0.0239	<0.565	**0.866**	<0.00680	**<0.00645**	**<0.0303**	<0.00481	**<0.00640**	<0.00580	<0.00960
	MW-109	Oct-23			<0.0298	<0.0197	<0.00300	<0.0120	<0.282	**0.863**	<0.00340	<0.00322	**<0.0151**	<0.00241	<0.00320	<0.00290	<0.00480
	MW-109	Apr-24			<0.0298	<0.0197	<0.00300	<0.0120	<0.282	**0.984**	<0.00340	<0.00322	**<0.0151**	<0.00241	<0.00320	<0.00290	<0.00480
	MW-109	Oct-24			<0.00119 J3	<0.000787	0.000619 J	<0.000478	<0.0113	**1.24 Q**	<0.000136	<0.000129	<0.000605	0.000567 J	<0.000128	<0.000116	<0.000192
	MW-109	Apr-25			<0.0298	<0.0197	<0.00300	<0.0120	<0.282	**0.916**	<0.00340	<0.00322	**<0.0151** C3	<0.00241	<0.00320	<0.00290	<0.00480
	MW-109	Oct-25			<0.00900	<0.00580	0.000625 J	<0.00752	<0.0469	**1.48**	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-110	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000281 J	<0.000136	<0.000129	<0.000605	0.000285 JB	<0.000128	<0.000116	<0.000192
	MW-110	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000103 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-110	Apr-24			0.0108	<0.000787	<0.000120	<0.000478	<0.0113	0.000907 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-110	Oct-24			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113	0.000222 JQ	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-110	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478 J4	<0.0113 J4	0.000637 J	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192 C3
	MW-110	Oct-25			0.0104 J	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-139	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	0.000607 J	<0.000192
	MW-139	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	0.000955 J	<0.000192
	MW-139	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000269 JB	<0.000128	0.000613 J	<0.000192
	MW-139	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128 J4	0.000536 J	<0.000192
	MW-139	Apr-25			<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	0.000419 J	<0.000192
	MW-139	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485 C3	0.000623 J	<0.000360	<0.000266	<0.00279
	MW-158	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	MW-158	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-158	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	MW-159	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000299 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	MW-159	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-159	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	RA-313	Apr-22			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000322 J	<0.000128	<0.000116	<0.000192
	RA-313	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	0.000451 J	<0.000605	0.000270 JB	<0.000128	<0.000116	<0.000192
	RA-313	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RA-313	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962	<0.000128	<0.000116	<0.000192
	RW-4	Jun-20			<0.00119	<0.000787	0.000341 J	<0.000478	<0.0113	**0.0184**	<0.000136	<0.000129	<0.000605	0.00108 B	<0.000128	<0.000116	<0.000192
	RW-4	Apr-22			<0.00119	<0.000787	0.00108 B	<0.000478	<0.0113	**0.0198**	<0.000136	<0.000129	<0.000605	0.000676 J	<0.000128	<0.000116	<0.000192
	RW-4	Mar-23			0.00879 J	<0.000787	0.000378 J	<0.000478	<0.0113	**0.0145**	<0.000136	<0.000129	<0.000605	0.00344	<0.000128	<0.000116	<0.000192
	RW-4	Apr-24			<0.00119	<0.000787	0.000721 J	<0.000478	<0.0113	**0.0493**	<0.000136	<0.000129	<0.000605	0.00345	<0.000128	<0.000116	<0.000192
	RW-5R	Apr-15			<0.0390	<0.0380	<0.00350	<0.0210	<0.100	**2.92**	<0.00380	**<0.00470**	**<0.00870**	<0.00280	<0.00380	<0.00350	<0.00450
	RW-6	Apr-18			<0.00393	<0.00382	0.000996 J	<0.00214	<0.0100	**2.67**	<0.000380	<0.000469	<0.000866	0.000533 J	<0.000379	<0.000348	<0.000453
	RW-6	Apr-19			<0.0786	**<0.0764**	<0.00700	<0.0428	<0.200 J4	**1.18**	<0.00760	**<0.00938**	**<0.0173**	<0.00550	**<0.00758**	<0.00696	<0.00906
	RW-6	Mar-23			<0.0298 J3	<0.0197 J3	<0.00300	<0.0120 J3J4	<0.282	**6.04**	<0.00340	<0.00322 J3	**<0.0151** J3	0.0331	<0.00320	<0.00290	<0.00480
	RW-6	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.00240	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	RW-15C	Apr-17			<0.0982	**<0.0955**	<0.00875	<0.0535	<0.250	**19.1**	<0.00950	**<0.0117**	**<0.0216**	<0.00688	**<0.00948**	<0.00870	<0.0113
	RW-15C	Apr-18			<0.00393	<0.00382	0.00545	<0.00214	<0.0100	**21.9**	<0.000380	<0.000469	<0.000866	0.000650 JV3	<0.000379	<0.000348	<0.000453
	RW-15C	Apr-19			<0.0393	**<0.0382**	0.00722 J	<0.0214	<0.100	<0.00331	<0.00380	**<0.00469**	**<0.00866** J3	<0.00275	<0.00379	<0.00348	<0.00453
	RW-19	Apr-24			<0.0238	<0.0157	0.0107 J	<0.00956	<0.226	**0.0259**	<0.00272	<0.00258	**<0.0121**	<0.00192	<0.00256	<0.00232	<0.00384
South RO Reject Field	MW-114	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000151 JB	<0.000128	<0.000116	<0.000192
	MW-114	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-114	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-114	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-114	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-114	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279
	MW-115	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000144 JB	<0.000128	<0.000116	<0.000192
	MW-115	Oct-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-115	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-115	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-115	Apr-25			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-115	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279
	MW-116	Mar-23			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000128 JB	<0.000128	<0.000116	<0.000192
	MW-116	Apr-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000339 JB	<0.000128	<0.000116	<0.000192
	MW-116	Oct-24			<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-116	Apr-25			<0.00119 C3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-116	Oct-25			<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	2-Butanone (MEK)	2-Hexanone (Methyl N-Butyl Ketone)	4-Isopropyl-toluene (p-Cymene)	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform (Tribromo-methane)	Bromo-methane	Carbon disulfide	Carbon tetrachloride	Chloro-benzene	Chloroethane
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	5.56	0.0380	---	1.24	14.1	0.00500	0.0800	0.00330	0.00754	0.810	0.00500	0.100	20.9
				CGWSL Source:	NMED TW	USEPA TW	---	NMED TW	TMED TW	WQCC HH	USEPA MCL	USEPA MCL	NMED TW	NMED TW	WQCC HH	USEPA MCL	NMED TW
Area	**Well ID**	**Date**	**Dup**														
South RO Reject Field	MW-144	Mar-23															
	MW-144	Oct-23															
	MW-144	Apr-24															
	MW-144	Oct-24															
	MW-144	Apr-25															
	MW-144	Oct-25															
	MW-163	Oct-24															
	MW-163	Apr-25															
	MW-163	Oct-25															
TEL	MW-49	Mar-23		<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**0.280**	<0.00136	<0.00129	<0.00605	0.00528 JB	<0.00128	<0.00116	<0.00192
	MW-49	Oct-23		<0.0119	<0.00787	0.00415 J	<0.00478	<0.113	**0.588**	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	MW-49	Apr-24		<0.0119	<0.00787	0.00379 J	<0.00478	<0.113	**0.701**	<0.00136	<0.00129	<0.00605	0.00655 JB	<0.00128	<0.00116	<0.00192
	MW-49	Oct-24		<0.0119	<0.00787	0.00479 J	<0.00478	<0.113	**0.273**	<0.00136	<0.00129	<0.00605	0.00200 J	<0.00128	<0.00116	<0.00192
	MW-49	Apr-25		<0.0119 J3	<0.00787	0.00312 J	<0.00478	<0.113 J3	**0.254**	<0.00136	<0.00129	<0.00605 C3J3	<0.000962	<0.00128	<0.00116	<0.00192
	MW-49	Oct-25		<0.0900	**<0.0580**	<0.00345	<0.0752	<0.469	**0.326**	<0.00371	**<0.00548** C3	**<0.0485** C3	<0.00510	<0.00360	<0.00266	<0.0279
	TEL-1	Oct-18		<0.0196	<0.0191	<0.00175	<0.0107	<0.0500	<0.00166	<0.00190	<0.00234	<0.00433	<0.00138	<0.00190	<0.00174	<0.00226
	TEL-1	Apr-19		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100 J4	<0.000331	<0.000380	<0.000469	<0.000866	0.00214	<0.000379	<0.000348	<0.000453
	TEL-1	Oct-19		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	0.00114 B	<0.000379	<0.000348	<0.000453
	TEL-1	Jun-20		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	TEL-2	Oct-18		<0.0982	**<0.0955**	<0.00875	<0.0535	<0.250	**0.936**	<0.00950	**<0.0117**	**<0.0216**	<0.00688	**<0.00948**	<0.00870	<0.0113
	TEL-2	Apr-19		<0.0393	**<0.0382**	<0.00350	<0.0214	<0.100 J4	**1.08**	<0.00380	**<0.00469**	**<0.00866**	0.0474	<0.00379	<0.00348	<0.00453
	TEL-2	Oct-19		<0.0393	**<0.0382**	<0.00350	<0.0214	<0.100	**0.618**	<0.00380	**<0.00469**	**<0.00866**	<0.00275	<0.00379 J4	<0.00348	<0.00453
	TEL-2	Jun-20		<0.0119	<0.00787	<0.00120	<0.00478	<0.113	**0.362**	<0.00136	<0.00129	<0.00605	<0.000962	<0.00128	<0.00116	<0.00192
	TEL-3	Apr-18		<0.00393	<0.00382	0.000823 J	<0.00214	<0.0100	**0.392**	<0.000380	<0.000469	<0.000866	0.00114	<0.000379	<0.000348	<0.000453
	TEL-3	Apr-19		<0.00393	<0.00382	0.000906 J	<0.00214	<0.0100 J4	**0.162**	<0.000380	<0.000469	<0.000866	0.00181	<0.000379	<0.000348	<0.000453
	TEL-3	Oct-19		<0.00393	<0.00382	0.000861 J	<0.00214	<0.0100	**0.0573**	<0.000380	<0.000469	<0.000866	0.00279 B	<0.000379	<0.000348	<0.000453
	TEL-3	Oct-20		<0.00119	<0.000787	0.00180	<0.000478	<0.0113	**0.182**	<0.000136	<0.000129	<0.000605 J4	0.00307	<0.000128	<0.000116	<0.000192
	TEL-4	Mar-23		<0.0238	<0.0157	<0.00240	<0.00956	<0.226	**0.0147 J**	<0.00272	<0.00258	**<0.0121**	0.00645 JB	<0.00256	<0.00232	<0.00384
	TEL-4	Mar-23	FD	<0.0238	<0.0157	<0.00240	<0.00956	<0.226	**0.00645 J**	<0.00272	<0.00258	**<0.0121**	0.00216 J	<0.00256	<0.00232	<0.00384
	TEL-4	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	TEL-4	Oct-23	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	TEL-4	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000264 JB	<0.000128	<0.000116	<0.000192
	TEL-4	Apr-24	FD	0.0159	<0.000787	<0.000120	<0.000478	0.0157 J	<0.0000941	<0.000136	<0.000129	<0.000605	0.000293 JB	<0.000128	<0.000116	<0.000192
	TEL-4	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000274 J	<0.000136	<0.000129	<0.000605	0.000378 J	<0.000128	<0.000116	<0.000192
	TEL-4	Oct-24	FD	<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	0.000284 J	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128 J4	<0.000116	<0.000192
	TEL-4	Apr-25		<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	<0.0000962	<0.000128	<0.000116	<0.000192
	TEL-4	Apr-25	FD	<0.00119 J3	<0.000787	<0.000120	<0.000478	<0.0113 J3	<0.0000941	<0.000136	<0.000129	<0.000605 C3J3	0.000202 J	<0.000128	<0.000116	<0.000192
	TEL-4	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
	TEL-4	Oct-25	FD	<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	0.000798 J	<0.000371	<0.000548 C3	<0.00485 C3	<0.000510	<0.000360	<0.000266	<0.00279
TMD	MW-8	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-8	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000250 JB	<0.000128	<0.000116	<0.000192
	MW-8	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-8	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-16	Apr-21		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-16	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-16	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-16	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-20	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000364 J	<0.000128	<0.000116	<0.000192
	MW-20	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000335 JB	<0.000128	<0.000116	<0.000192
	MW-20	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-20	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-21	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000152 JB	<0.000128	<0.000116	<0.000192
	MW-21	Oct-23		<0.00595	<0.00394	<0.000600	<0.00239	<0.0565	<0.000471	<0.000680	<0.000645	<0.00303	<0.000481	<0.000640	<0.000580	<0.000960
	MW-21	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-21	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-21	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-21	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-25	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-25	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-25	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-25	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 C3	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-26	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-26	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-26	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-26	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962 C3	<0.000128	<0.000116	<0.000192
	MW-27	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-27	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-27	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-27	Apr-25		<0.00119	<0.000787 C3	<0.000120	<0.000478 C3	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-46R	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000109 JB	<0.000128	<0.000116	<0.000192
	MW-46R	Oct-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000175 J	<0.000128	<0.000116	<0.000192
	MW-46R	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000258 JB	<0.000128	<0.000116	<0.000192
	MW-46R	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-46R	Apr-25		<0.00119 C3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-46R	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548	<0.00485 C3	<0.000510	<0.000360 C3	<0.000266	<0.00279
	MW-68	Apr-21		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 J3J4	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-68	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-68	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-68	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-71	Apr-21		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113 J3J4	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-71	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-71	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000154 JB	<0.000128	<0.000116	<0.000192
	MW-71	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-89	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-89	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-89	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136 J4	<0.000129	<0.000605	<0.0000962	<0.000128 J4	<0.000116	<0.000192
	MW-89	Apr-25		<0.00119 C3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J4
	MW-152	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	MW-152	Apr-25		<0.0119	<0.00787	<0.00120	<0.00478	<0.113	<0.000941	<0.00136	<0.00129	<0.00605 C3	<0.000962	<0.00128	<0.00116	<0.00192
	MW-152	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-153	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	MW-153	Apr-25		<0.00595	<0.00394	<0.000600	<0.00239	<0.0565	<0.000471	<0.000680	<0.000645	<0.00303 C3	<0.000481	<0.000640	<0.000580	<0.000960
	MW-153	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-154	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	MW-154	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-154	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-155	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	MW-155	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-155	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279
	MW-156	Oct-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192 J3
	MW-156	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J4	<0.0000962	<0.000128	<0.000116	<0.000192
	MW-156	Oct-25		<0.00900	<0.00580	<0.000345	<0.00752	<0.0469	<0.000320	<0.000371	<0.000548 C3	<0.00485	<0.000510	<0.000360	<0.000266	<0.00279

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	2-Butanone (MEK)	2-Hexanone (Methyl N-Butyl Ketone)	4-Isopropyl-toluene (p-Cymene)	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-dichloro-methane	Bromoform (Tribromo-methane)	Bromo-methane	Carbon disulfide	Carbon tetrachloride	Chloro-benzene	Chloroethane
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	5.56	0.0380	---	1.24	14.1	0.00500	0.0800	0.00330	0.00754	0.810	0.00500	0.100	20.9
				CGWSL Source:	NMED TW	USEPA TW	---	NMED TW	TMED TW	WQCC HH	USEPA MCL	USEPA MCL	NMED TW	NMED TW	WQCC HH	USEPA MCL	NMED TW
Area	**Well ID**	**Date**	**Dup**														
TMD	NP-1	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000295 JB	<0.000128	<0.000116	<0.000192
	NP-1	Oct-23		<0.0238	<0.0157	<0.00240	<0.00956	<0.226	<0.00188	<0.00272	<0.00258	**<0.0121**	<0.00192	<0.00256	<0.00232	<0.00384
	NP-1	Apr-24		<0.0238	<0.0157	<0.00240	<0.00956	<0.226	<0.00188	<0.00272	<0.00258	**<0.0121**	<0.00192	<0.00256	<0.00232	<0.00384
	NP-1	Oct-24		<0.0238	<0.0157	<0.00240	<0.00956	<0.226	0.00280 J	<0.00272	<0.00258	**<0.0121**	<0.00192	<0.00256	<0.00232	<0.00384
	NP-1	Oct-25		<0.0450	<0.0290	<0.00173	<0.0376	<0.234 C3	<0.00160	<0.00186	<0.00274	**<0.0243** C3	<0.00255	<0.00180	<0.00133	<0.0140
	NP-6	Apr-19		<0.00393	<0.00382	<0.000350	<0.00214	<0.0100	<0.000331	<0.000380	<0.000469	<0.000866	<0.000275	<0.000379	<0.000348	<0.000453
	NP-6	Apr-21		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	NP-6	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	0.000277 JB	<0.000128	<0.000116	<0.000192
	NP-6	Apr-25		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 C3	<0.0000962	<0.000128	<0.000116	<0.000192
Up-Gradient	UG-1	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129 J4	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-1	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-1	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	0.00106	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-1	Apr-25		<0.00119 C3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-2	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129 J4	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-2	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-2	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-2	Apr-25		<0.00119 C3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-3R	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129 J4	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-3R	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-3R	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-3R	Apr-25		<0.00119 C3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-4	Apr-22		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129 J4	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-4	Mar-23		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605 J3	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-4	Apr-24		<0.00119	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192
	UG-4	Apr-25		<0.00119 C3	<0.000787	<0.000120	<0.000478	<0.0113	<0.0000941	<0.000136	<0.000129	<0.000605	<0.0000962	<0.000128	<0.000116	<0.000192

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	Chloroform	Chloromethane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloromethane	Ethyl-benzene	Isopropyl-benzene (Cumene)	m,p-Xylene	Methyl tert-butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Butyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0800	0.0203	0.0700	0.00471	0.0800	0.700	0.447	0.193	0.100	0.00500	0.0300	1.00
				CGWSL Source:	USEPA MCL	NMED TW	WQCC HH	USEPA TW	USEPA MCL	WQCC HH	WQCC TW	NMED TW	WQCC Dom	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
Cross-Gradient	KWB-13	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-13	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-13	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-13	Apr-25		0.000338 J	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-136	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000356 J	<0.000430	<0.00100	<0.000157
	MW-136	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000290 J	<0.000430	<0.00100	<0.000157
	MW-136	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000207 J	<0.000430	<0.00100	<0.000157
	MW-136	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-136	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-149	Oct-23		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-149	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-149	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-149	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-149	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-150	Oct-23		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-150	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-150	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-150	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-150	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	NP-5	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327 J4	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	NP-5	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NP-5	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	NP-5	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	RA-3156	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100 J4	<0.000361
	RA-3156	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	RA-3156	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000124 J	<0.000430	<0.00100	<0.000157
	RA-3156	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
Evaporation Ponds	MW-1R	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-1R	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-1R	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-1R	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-2A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-2A	Oct-23													
	MW-2A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-2A	Oct-24													
	MW-2A	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-2A	Oct-25													
	MW-3	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-3	Mar-23	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-3	Oct-23													
	MW-3	Oct-23	FD												
	MW-3	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-3	Apr-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-3	Oct-24													
	MW-3	Oct-24	FD												
	MW-3	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-3	Apr-25	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-3	Oct-25													
	MW-3	Oct-25	FD												
	MW-4A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000921 J	0.000512 J	0.000221 J	<0.000430	<0.00100	<0.000157
	MW-4A	Oct-23													
	MW-4A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.00131	0.000719 J	0.000279 J	<0.000430	<0.00100	<0.000157
	MW-4A	Oct-24													
	MW-4A	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000134 J	<0.000430	0.000166 J	<0.000430	<0.00100	<0.000157
	MW-4A	Oct-25													
	MW-4B	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.000395 J	<0.000719	<0.000367	<0.00100	<0.00100 J3	<0.000361
	MW-4B	Apr-21		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	<0.000137	0.000184 J	<0.000430	0.000158 J	<0.000430	<0.00100 J4	<0.000157
	MW-4B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-4B	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-5A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00102	<0.000430	<0.00100	<0.000157
	MW-5A	Oct-23													
	MW-5A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000251 J	<0.000430	0.000986 J	<0.000430	<0.00100	<0.000157
	MW-5A	Oct-24													
	MW-5A	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000767 J	<0.000430	<0.00100 C3	<0.000157
	MW-5A	Oct-25													
	MW-5B	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	0.000981 J	<0.00100	<0.00100 J3	<0.000361
	MW-5B	Apr-21		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000335 J	<0.000430	<0.00100 J4	<0.000157
	MW-5B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000110 J	<0.000430	0.00104	<0.000430	<0.00100	<0.000157
	MW-5B	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000773 J	<0.000430	<0.00100 C3	<0.000157
	MW-5C	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100 J3	<0.000361
	MW-5C	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000861 J	<0.000430	<0.00100	<0.000157
	MW-5C	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000335 J	<0.000430	<0.00100	<0.000157
	MW-5C	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000311 J	<0.000430	<0.00100 C3	<0.000157
	MW-6A	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00107	0.000339 J	0.00270	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-6A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000884 J	0.000287 J	0.00233	<0.000101	<0.000430	<0.00100	<0.000157
	MW-6A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00250	0.000291 J	0.00847	<0.000101	<0.000430	<0.00100	<0.000157
	MW-6A	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101 C3	<0.000430	<0.00100 C3	<0.000157
	MW-6B	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100 J3	<0.000361
	MW-6B	Apr-21		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-6B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-6B	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101 C3	<0.000430	<0.00100 C3	<0.000157
	MW-7A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000862 J	<0.000430	<0.00100	<0.000157
	MW-7A	Mar-23	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00104	<0.000430	<0.00100	<0.000157
	MW-7A	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	0.000854 J	<0.000430	<0.00100	<0.000157
	MW-7A	Oct-23	FD	<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	0.000807 J	<0.000430	<0.00100	<0.000157
	MW-7A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000862 J	<0.000430	<0.00100	<0.000157
	MW-7A	Apr-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000866 J	<0.000430	<0.00100	<0.000157
	MW-7A	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000930 J	<0.000430	<0.00100	<0.000157
	MW-7A	Oct-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00100 J	<0.000430	<0.00100	<0.000157
	MW-7A	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000747 J	<0.000430	<0.00100 C3	<0.000157
	MW-7A	Apr-25	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000892 J	<0.000430	<0.00100 C3	<0.000157
	MW-7A	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	0.000919 J	<0.00148	<0.00264 C3	<0.000516
	MW-7A	Oct-25	FD	<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	0.000838 J	<0.00148	<0.00264 C3	<0.000516
	MW-7B	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100 J3	<0.000361
	MW-7B	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-7B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000175 J	<0.000430	<0.00100	<0.000157
	MW-7B	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000119 J	<0.000430	<0.00100 C3	<0.000157
	MW-10	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000898 J	<0.000430	<0.00100	<0.000157
	MW-10	Oct-23													
	MW-10	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000775 J	<0.000430	<0.00100	<0.000157
	MW-10	Oct-24													
	MW-10	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000634 J	<0.000430	<0.00100	<0.000157
	MW-10	Oct-25													
	MW-11A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-11A	Oct-24													
	MW-11A	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-11A	Oct-25													

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	Chloroform	Chloromethane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloromethane	Ethyl-benzene	Isopropyl-benzene (Cumene)	m,p-Xylene	Methyl tert-butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Butyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0800	0.0203	0.0700	0.00471	0.0800	0.700	0.447	0.193	0.100	0.00500	0.0300	1.00
				CGWSL Source:	USEPA MCL	NMED TW	WQCC HH	USEPA TW	USEPA MCL	WQCC HH	WQCC TW	NMED TW	WQCC Dom	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
Evaporation Ponds	MW-11B	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-11B	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-11B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-11B	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-15	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-15	Mar-23		0.000112 J	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000139 J	<0.000430	<0.00100 J3J4	<0.000157
	MW-15	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-15	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-18A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000779 J	<0.000430	<0.00100 J3J4	<0.000157
	MW-18A	Oct-23													
	MW-18A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000597 J	<0.000430	<0.00100	<0.000157
	MW-18A	Oct-24													
	MW-18A	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000503 J	<0.000430	<0.00100	<0.000157
	MW-18A	Oct-25													
	MW-18B	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-18B	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-18B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-18B	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-22A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00117	<0.000430	<0.00100	<0.000157
	MW-22A	Mar-23	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00114	<0.000430	<0.00100	<0.000157
	MW-22A	Oct-23													
	MW-22A	Oct-23	FD												
	MW-22A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00203	<0.000430	<0.00100	<0.000157
	MW-22A	Apr-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00184	<0.000430	<0.00100	<0.000157
	MW-22A	Oct-24													
	MW-22A	Oct-24	FD												
	MW-22A	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000905 J	<0.000430	<0.00100	<0.000157
	MW-22A	Apr-25	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000619 J	<0.000430	<0.00100	<0.000157
	MW-22A	Oct-25													
	MW-22A	Oct-25	FD												
	MW-22B	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418 J4	<0.000327	<0.000384	<0.000326	<0.000719	0.00582	<0.00100	<0.00100	<0.000361
	MW-22B	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00462	<0.000430	<0.00100	<0.000157
	MW-22B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000224 J	<0.000430	0.00462	<0.000430	<0.00100	<0.000157
	MW-22B	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00306	<0.000430	<0.00100	<0.000157
	MW-70	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000152 J	<0.000430	<0.00100 J3J4	<0.000157
	MW-70	Oct-23													
	MW-70	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000106 J	<0.000430	<0.00100	<0.000157
	MW-70	Oct-24													
	MW-70	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000126 J	<0.000430	<0.00100	<0.000157
	MW-70	Oct-25													
	MW-72	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-72	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-72	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-72	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-73	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000576 J	<0.000430	<0.00100	<0.000157
	MW-73	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000466 J	<0.000430	<0.00100	<0.000157
	MW-73	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000568 J	<0.000430	<0.00100	<0.000157
	MW-73	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000456 J	<0.000430	<0.00100	<0.000157
	MW-74	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000439 J	<0.000430	<0.00100	<0.000157
	MW-74	Oct-23													
	MW-74	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000804 J	<0.000430	<0.00100	<0.000157
	MW-74	Oct-24													
	MW-74	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000809 J	<0.000430	<0.00100	<0.000157
	MW-74	Oct-25													
	MW-75	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.00279	<0.000430	0.00380	<0.000430	<0.00100	<0.000157
	MW-75	Oct-23													
	MW-75	Apr-24		<0.0222	**<0.192**	<0.0252	**<0.0222**	<0.0280	<0.0274	<0.0210	<0.0860	<0.0202	**<0.0860**	**<0.200**	<0.0314
	MW-75	Oct-24													
	MW-75	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000821 J	<0.000430	0.00591	<0.000430	<0.00100	<0.000157
	MW-75	Oct-25													
	MW-76	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000630 J	<0.000430	0.00361	<0.000430	0.00138 J	<0.000157
	MW-76	Oct-23													
	MW-76	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000268 J	<0.000430	0.00324	<0.000430	<0.00100	<0.000157
	MW-76	Oct-24													
	MW-76	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00320	<0.000430	<0.00100	<0.000157
	MW-76	Oct-25													
	MW-77	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000224 J	<0.000430	0.000672 J	<0.000430	<0.00100 J4	<0.000157
	MW-77	Mar-23		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	<0.00105	<0.00430	<0.00101	<0.00430	<0.0100	<0.00157
	MW-77	Apr-24		<0.0222	**<0.192**	<0.0252	**<0.0222**	<0.0280	<0.0274	<0.0210	<0.0860	<0.0202	**<0.0860**	**<0.200**	<0.0314
	MW-77	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000450 J	<0.000430	0.000576 J	<0.000430	<0.00100	<0.000157
	MW-78	Apr-22		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	<0.00105	<0.00430	<0.00101	<0.00430	<0.0100	<0.00157
	MW-78	Mar-23		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	<0.00105	<0.00430	<0.00101	<0.00430	<0.0100	<0.00157
	MW-78	Apr-24		<0.0222	**<0.192**	<0.0252	**<0.0222**	<0.0280	<0.0274	<0.0210	<0.0860	<0.0202	**<0.0860**	**<0.200**	<0.0314
	MW-78	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-79	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-79	Oct-23													
	MW-79	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-79	Oct-24													
	MW-79	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-79	Oct-25													
	MW-80	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-80	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-80	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-80	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-81	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-81	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-81	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-81	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-82	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-82	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-82	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-82	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-83	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000294 J	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-83	Oct-23													
	MW-83	Apr-24		<0.0222	**<0.192**	<0.0252	**<0.0222**	<0.0280	<0.0274	<0.0210	<0.0860	<0.0202	**<0.0860**	**<0.200**	<0.0314
	MW-83	Oct-24													
	MW-83	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000137 J	<0.000430	0.000277 J	<0.000430	<0.00100	<0.000157
	MW-83	Oct-25													
	MW-84	Mar-23		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	<0.00105	<0.00430	<0.00101	<0.00430	<0.0100	<0.00157
	MW-84	Oct-23													
	MW-84	Apr-24		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	<0.00105	<0.00430	<0.00101	<0.00430	<0.0100	<0.00157
	MW-84	Oct-24													
	MW-84	Apr-25		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	<0.00105	<0.00430	<0.00101	<0.00430	<0.0100	<0.00157
	MW-84	Oct-25													
	MW-86	Jun-20		<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	0.0199 J	0.00509 J	0.0267 J	<0.00202	**<0.00860**	<0.0200	<0.00314
	MW-86	Oct-20		<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	0.0228	0.00405 J	0.0295 J	<0.00202	**<0.00860**	<0.0200	<0.00314

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Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	Chloroform	Chloromethane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloromethane	Ethyl-benzene	Isopropyl-benzene (Cumene)	m,p-Xylene	Methyl tert-butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Butyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0800	0.0203	0.0700	0.00471	0.0800	0.700	0.447	0.193	0.100	0.00500	0.0300	1.00
				CGWSL Source:	USEPA MCL	NMED TW	WQCC HH	USEPA TW	USEPA MCL	WQCC HH	WQCC TW	NMED TW	WQCC Dom	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
Evaporation Ponds	MW-87	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000455 J	<0.000430	<0.00100 J3J4	<0.000157
	MW-87	Oct-23													
	MW-87	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000404 J	<0.000430	<0.00100	<0.000157
	MW-87	Oct-24													
	MW-87	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000560 J	<0.000430	<0.00100	<0.000157
	MW-87	Oct-25													
	MW-88	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-88	Oct-23													
	MW-88	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-88	Oct-24													
	MW-88	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-88	Oct-25													
	MW-120	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-120	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-120	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-120	Oct-24		<0.000111	<0.000960 Q	<0.000126	<0.000111	<0.000140	<0.000137		<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-120	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101 C3	<0.000430	<0.00100 C3	<0.000157
	MW-120	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264 C3	<0.000516
	MW-121	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-121	Oct-23													
	MW-121	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-121	Oct-24													
	MW-121	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-121	Oct-25													
	MW-122	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-122	Oct-23													
	MW-122	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-122	Oct-24													
	MW-122	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-122	Oct-25													
	MW-123	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00157	<0.000430	<0.00100	<0.000157
	MW-123	Oct-23													
	MW-123	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00137	<0.000430	<0.00100	<0.000157
	MW-123	Oct-24													
	MW-123	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00123	<0.000430	<0.00100	<0.000157
	MW-123	Oct-25													
	MW-124	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-124	Oct-23													
	MW-124	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-124	Oct-24													
	MW-124	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-124	Oct-25													
	OCD-1R	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-1R	Oct-23													
	OCD-1R	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-1R	Oct-24													
	OCD-1R	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-1R	Oct-25													
	OCD-2A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-2A	Oct-23													
	OCD-2A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-2A	Oct-24													
	OCD-2A	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	OCD-2A	Oct-25													
	OCD-3	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-3	Oct-23													
	OCD-3	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-3	Oct-24													
	OCD-3	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	OCD-3	Oct-25													
	OCD-4	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-4	Oct-23													
	OCD-4	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-4	Oct-24													
	OCD-4	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	OCD-4	Oct-25													
	OCD-5	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-5	Oct-23													
	OCD-5	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-5	Oct-24													
	OCD-5	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	OCD-5	Oct-25													
	OCD-6	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-6	Oct-23													
	OCD-6	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-6	Oct-24													
	OCD-6	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-6	Oct-25													
	OCD-7AR	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00164	<0.000430	<0.00100	<0.000157
	OCD-7AR	Oct-23													
	OCD-7AR	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00169	<0.000430	<0.00100	<0.000157
	OCD-7AR	Oct-24													
	OCD-7AR	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00137	<0.000430	<0.00100	<0.000157
	OCD-7AR	Oct-25													
	OCD-7B	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100 J3	<0.000361
	OCD-7B	Apr-21		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	OCD-7B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-7B	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	OCD-8A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00211	<0.000430	<0.00100	<0.000157
	OCD-8A	Oct-23													
	OCD-8A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00403	<0.000430	<0.00100	<0.000157
	OCD-8A	Oct-24													
	OCD-8A	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00167	<0.000430	<0.00100 C3	<0.000157
	OCD-8A	Oct-25													
	OCD-8B	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	0.000876 J	<0.00100	<0.00100	<0.000361
	OCD-8B	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000606 J	<0.000430	<0.00100	<0.000157
	OCD-8B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000523 J	<0.000430	<0.00100	<0.000157
	OCD-8B	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000191 J	<0.000430	<0.00100 C3	<0.000157
Field East of Refinery	KWB-1A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00365	0.00417	0.0335	<0.000101	<0.000430	0.00247 J	0.000447 J
	KWB-1A	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00145	0.00283	0.0264	<0.000101	<0.000430	0.00328 J	<0.000157
	KWB-1A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00111	0.00186	0.0232	<0.000101	<0.000430	0.00268 J	<0.000157
	KWB-1A	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	0.000714 J	0.0130	<0.000101	<0.000430	0.00479 J	<0.000157
	KWB-1C	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100 J4	<0.000361
	KWB-1C	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-1C	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-1C	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	Chloroform	Chloromethane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloromethane	Ethyl-benzene	Isopropyl-benzene (Cumene)	m,p-Xylene	Methyl tert-butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Butyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0800	0.0203	0.0700	0.00471	0.0800	0.700	0.447	0.193	0.100	0.00500	0.0300	1.00
				CGWSL Source:	USEPA MCL	NMED TW	WQCC HH	USEPA TW	USEPA MCL	WQCC HH	WQCC TW	NMED TW	WQCC Dom	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
Field East of Refinery	KWB-3AR	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3 J4	<0.000157
	KWB-3AR	Nov-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	KWB-7	Mar-23		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	<0.00685	0.0273 J	<0.0215	0.00819 J	**<0.0215**	**<0.0500**	<0.00785
	KWB-7	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000345 J	0.0310	<0.000430	0.00353	<0.000430	<0.00100	<0.000157
	KWB-7	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000274 J	0.0240	<0.000430	0.00471	<0.000430	<0.00100	0.000475 J
	KWB-7	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.0202	<0.000430	0.00451	<0.000430	0.00131 J	0.000481 J
	KWB-7	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	0.0165	<0.000549	0.00630	<0.00148	<0.00264	<0.000516
	KWB-8	Apr-17		<0.0324	**<0.0276**	<0.0260	**<0.0418**	<0.0327	**1.24**	0.0467 J	**1.92**	**0.129**	**<0.100**	**0.141 J**	<0.0361
	KWB-8	Oct-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.617	0.0182	**0.782**	**0.134 V3**	<0.00100	**0.0519**	0.00209
	KWB-8	Oct-20		<0.0222	**<0.192**	<0.0252	**<0.0222**	<0.0280	**2.89**	0.0937 J	**4.05**	0.0230 J	**<0.0860**	**0.539 J**	<0.0314
	KWB-10R	Apr-17		0.0172 J	<0.0138	<0.0130	**<0.0209**	<0.0164	0.505	0.0486 J	**0.716**	**3.65**	**<0.0500**	**0.156 J**	<0.0180
	KWB-10R	Oct-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.530	0.0494	**0.655**	**5.41**	<0.00100	**0.152**	<0.000361
	KWB-10R	Apr-18		**<0.0810**	**<0.0690**	<0.0650	**<0.104**	**<0.0818**	0.354	<0.0815	**0.457 J**	**2.74**	**<0.250**	**<0.250**	<0.0902
	KWB-10R	Oct-18		**<0.0810**	**<0.0690**	<0.0650	**<0.104**	**<0.0818**	0.238 J	<0.0815	**0.217 J**	**4.12**	**<0.250**	**<0.250**	<0.0902
	KWB-11A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000343 J	0.00343	<0.000430	0.000877 J	<0.000430	<0.00100 J3J4	<0.000157
	KWB-11A	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000585 J	<0.000430	0.00147	<0.000430	<0.00100	<0.000157
	KWB-11A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.00151	<0.000430	0.000749 J	<0.000430	<0.00100	<0.000157
	KWB-11A	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000344 J	<0.000430	0.00156	<0.000430	<0.00100	<0.000157
	KWB-11A	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000167 J	0.000493 J	0.000564 J	0.00135	<0.000430	<0.00100	<0.000157
	KWB-11A	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	0.000233 J	<0.000549	0.00181	<0.00148	<0.00264	<0.000516
	KWB-11B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00111	<0.000430	<0.00100	<0.000157
	KWB-11B	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00150	<0.000430	<0.00100	<0.000157
	KWB-11B	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000897 J	<0.000430	<0.00100	<0.000157
	KWB-11B	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00115	<0.000430	<0.00100	<0.000157
	KWB-11B	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-11B	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	0.00124	<0.00148	<0.00264	<0.000516
	KWB-12A	Sep-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000527 J	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12A	Oct-22		<0.000111	<0.000960 J3	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12A	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12A	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12B	Mar-23	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12B	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12B	Oct-23	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12B	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000278 J	<0.000105	0.000544 J	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12B	Apr-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000345 J	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12B	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12B	Oct-24	FD	<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-12B	Apr-25		0.000217 J	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	KWB-12B	Apr-25	FD	<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	KWB-12B	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	KWB-12B	Oct-25	FD	<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	KWB-P4	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100 J4	<0.000361
	KWB-P4	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-P4	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	KWB-P4	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-57	Oct-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-57	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-57	Sep-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-57	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000221 J	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-58	Oct-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.0965	0.0456	**0.220**	0.0987	<0.00100	**0.0469**	0.00529
	MW-58	Apr-18		<0.0162	<0.0138	<0.0130	**<0.0209**	<0.0164	**0.946**	0.0521	**0.268**	0.0303 J	**<0.0500**	**0.267**	<0.0180
	MW-58	Oct-18		<0.0162	<0.0138	<0.0130	**<0.0209**	<0.0164	0.0351 J	0.0461 J	<0.0360	0.0624	**<0.0500**	**<0.0500**	<0.0180
	MW-58	Oct-19		<0.00324	<0.00276	<0.00260	<0.00418	<0.00327 J4	0.634	0.0370	**0.395**	<0.00367	**<0.0100**	**0.0917**	0.00804 J
	MW-111	Oct-18		<0.00810	<0.00690	<0.00650	**<0.0104**	<0.00818	<0.00960	<0.00815	<0.0180	**1.47**	**<0.0250**	<0.0250	<0.00902
	MW-111	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.00258	0.00388	0.00523	**1.46**	<0.00100	0.00408 J	<0.000361
	MW-111	Oct-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.0164	0.00148	0.00995	**1.23**	<0.00100	0.00372 J	<0.000361
	MW-111	Jun-20		<0.00278	**<0.0240**	<0.00315	<0.00278	<0.00350	0.0408	0.00406 J	0.0148 J	**1.30**	**<0.0107**	<0.0250	<0.00393
	MW-112	Nov-14		<0.00810	<0.00690	<0.00650	**<0.0100**	<0.00820	**0.970**	0.0570	**1.40**	**1.00**	**<0.0250**	**0.200**	<0.00900
	MW-113	Mar-23		0.00273 J	<0.000960	<0.000126	<0.000111	<0.000140	0.0185	0.00613	0.0425	0.0159	<0.000430	0.00660	0.000906 J
	MW-113	Mar-23	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.0233	0.00765	0.0536	0.0152	<0.000430	0.00678	0.00113
	MW-113	Oct-23		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	**2.23**	0.139	**0.848**	0.0421 J	**<0.0215**	**0.168 JJ4**	<0.00785
	MW-113	Oct-23	FD	<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	**2.21**	0.138	**0.826**	0.0431 J	**<0.0215**	**0.182 JJ4**	<0.00785
	MW-113	Apr-24		<0.000555	<0.00480	<0.000630	<0.000555	<0.000700	0.0128	0.00407 J	0.0690	0.0172	<0.00215	0.00628 J	<0.000785
	MW-113	Apr-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.0103	0.00350	0.0552	0.0169	<0.000430	0.00518	<0.000157
	MW-113	Oct-24		<0.0111	**<0.0960**	<0.0126	**<0.0111**	<0.0140	**1.91**	0.110	**0.680**	**0.165**	**<0.0430**	**<0.100** J4	<0.0157
	MW-113	Oct-24	FD	<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	**1.76**	0.0854	**0.640**	**0.144**	**<0.00860**	**0.148**	0.00833 J
	MW-113	Apr-25		0.00319 J	<0.00960	<0.00126	<0.00111	<0.00140	0.0771	0.0154	0.0671	0.0226	<0.00430	0.0243 B J	<0.00157
	MW-113	Apr-25	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.0614	0.0133	0.0579	0.0185	<0.000430	0.0116	0.000896 J
	MW-113	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	0.0241	0.00530	0.0317	0.0109	<0.00148	0.00501	<0.000516
	MW-113	Oct-25	FD	<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	0.0264	0.00597	0.0350	0.0115	<0.00148	0.00513	<0.000516
	MW-125	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-125	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000124 J	<0.000430	<0.00100	<0.000157
	MW-125	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000172 J	<0.000430	<0.00100	<0.000157
	MW-125	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000385 J	<0.000430	<0.00100	<0.000157
	MW-125	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000660 J	<0.000430	<0.00100 J4	<0.000157
	MW-125	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-126A	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100 J4	<0.000361
	MW-126A	Oct-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.0114	0.0135	0.00569	<0.000367	<0.00100	0.00221 J	<0.000361
	MW-126A	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	0.000248 J	<0.000430	<0.00100	<0.000157
	MW-126A	Oct-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000502 J	<0.000430	<0.00100	<0.000157
	MW-126B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000236 J	<0.000430	<0.00100	<0.000157
	MW-126B	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000214 J	<0.000430	<0.00100	<0.000157
	MW-126B	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000143 J	<0.000430	<0.00100	<0.000157
	MW-126B	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000204 J	<0.000430	<0.00100	<0.000157
	MW-126B	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000210 J	<0.000105	<0.000430	0.000512 J	<0.000430	<0.00100	<0.000157
	MW-126B	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	0.000830 J	<0.00148	<0.00264	<0.000516
	MW-127	Oct-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.0937	0.0130	0.0445	**0.885**	<0.00100	0.00901	<0.000361
	MW-127	Apr-18		<0.00648	<0.00552	<0.00520	**<0.00836**	<0.00654	0.121	0.0160 J	0.0654	**0.623**	**<0.0200**	<0.0200	<0.00722
	MW-127	Oct-18		<0.00648	<0.00552	<0.00520	**<0.00836**	<0.00654	0.0797	0.0180 J	0.0458	**0.774**	**<0.0200**	<0.0200	<0.00722
	MW-127	Apr-19		<0.00648	<0.00552	<0.00520	**<0.00836**	<0.00654	0.138	0.0199 J	0.0933	**0.628**	**<0.0200**	<0.0200 J4	<0.00722
	MW-128	Oct-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.00128	0.00133	0.00336	**0.785**	<0.00100	0.00142 J	<0.000361
	MW-128	Apr-18		<0.00648	<0.00552	<0.00520	**<0.00836**	<0.00654	<0.00768	<0.00652	<0.0144	**0.961**	**<0.0200**	**0.0422 J**	<0.00722
	MW-128	Oct-18		<0.00648	<0.00552	<0.00520	**<0.00836**	<0.00654	0.0247	<0.00652	<0.0144	**0.963**	**<0.0200**	<0.0200	<0.00722
	MW-128	Apr-19		<0.00648	<0.00552	<0.00520	**<0.00836**	<0.00654	0.0199 J	<0.00652	<0.0144	**0.765**	**<0.0200**	<0.0200	<0.00722
	MW-129	Apr-15		<0.000320	<0.000280	<0.000260	<0.000420	<0.000330	0.00131	0.00198	0.00245	**7.04**	<0.00100	0.00407 J	0.000458 J
	MW-129	Oct-15		<0.0324	**<0.0276**	<0.0260	**<0.0418**	<0.0327	<0.0384	<0.0326	<0.0719	**5.79**	**<0.100**	**<0.100**	<0.0361
	MW-129	Apr-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.000976 J	0.000737 J	**4.34**	<0.00100	0.00247 J	<0.000361
	MW-129	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.00130	0.000687 J	0.00125 J	**5.40**	<0.00100	0.00124 J	<0.000361
	MW-130	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00236	<0.000430	<0.00100	<0.000157
	MW-130	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00236	<0.000430	0.00133 J	<0.000157
	MW-130	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00240	<0.000430	<0.00100	<0.000157
	MW-130	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00243 Q	<0.000430	<0.00100	<0.000157
	MW-130	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00175	<0.000430	<0.00100	<0.000157
	MW-130	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	<0.000105	<0.000549	0.00139	<0.00148	<0.00264	<0.000516

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	Chloroform	Chloromethane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloromethane	Ethyl-benzene	Isopropyl-benzene (Cumene)	m,p-Xylene	Methyl tert-butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Butyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0800	0.0203	0.0700	0.00471	0.0800	0.700	0.447	0.193	0.100	0.00500	0.0300	1.00
				CGWSL Source:	USEPA MCL	NMED TW	WQCC HH	USEPA TW	USEPA MCL	WQCC HH	WQCC TW	NMED TW	WQCC Dom	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
Field East of Refinery	MW-131	Apr-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.0532	0.0206	0.0735	**3.99**	<0.00100	0.0295	0.00255
	MW-131	Oct-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.0960	0.0162	<0.180	**5.25**	<0.00100	**0.0303**	0.00185
	MW-131	Oct-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.0255	0.00961	**0.681**	**4.95**	<0.00100	**0.0314**	0.00269
	MW-131	Jun-20		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	0.0171 J	0.00743 J	**0.544**	**2.91**	**<0.0215**	**<0.0500**	<0.00785
	MW-133	Nov-14		<0.0320	**<0.0280**	<0.0260	**<0.0420**	<0.0330	0.300	0.0570 J	0.180 J	**5.60**	**<0.100**	**<0.100**	<0.0360
	MW-133	Apr-15		<0.0320	**<0.0280**	<0.0260	**<0.0420**	<0.0330	0.199	<0.0330	0.108	**6.67**	**<0.100**	**<0.100**	<0.0360
	MW-134	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-134	Mar-23	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-134	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-134	Oct-23	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-134	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-134	Apr-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-134	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-134	Oct-24	FD	<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-134	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-134	Apr-25	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000431 J	0.000118 J	0.000435 J	<0.000101	<0.000430	<0.00100	<0.000157
	MW-134	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-134	Oct-25	FD	<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-135	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-135	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430 J4	<0.00100 J4	<0.000157
	MW-135	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-135	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-135	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-135	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-145	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000756 J	<0.000430	<0.00100 J3J4	<0.000157
	MW-145	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000971 J	<0.000430 J4	<0.00100 J4	<0.000157
	MW-145	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000735 J	<0.000430	<0.00100	<0.000157
	MW-145	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000813 J	<0.000430	<0.00100	<0.000157
	MW-145	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	0.000467 J	<0.000430	<0.00100 C3	<0.000157
	MW-145	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	0.000573 J	<0.00148	<0.00264	<0.000516
	MW-146	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-146	Mar-23	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-146	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000108 J	<0.000430 J4	<0.00100 J4	<0.000157
	MW-146	Oct-23	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430 J4	<0.00100 J4	<0.000157
	MW-146	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-146	Apr-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-146	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-146	Oct-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-146	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-146	Apr-25	FD	<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-146	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-146	Oct-25	FD	<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-147	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-147	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430 J4	<0.00100 J4	<0.000157
	MW-147	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-147	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-147	Apr-25		0.000257 J	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-148	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-148	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000171 J	<0.000430 J4	<0.00100 J4	<0.000157
	MW-148	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-148	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-148	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-148	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-151	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.505**	<0.000430	<0.00100	<0.000157
	MW-151	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0500	<0.000430	<0.00100	<0.000157
	MW-160	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.659 Q**	<0.000430	<0.00100	<0.000157
	MW-160	Apr-25		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	<0.00105	<0.00430	**0.660**	<0.00430	<0.0100 C3 J4	<0.00157
	MW-160	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	**0.557**	<0.00148	<0.00264	<0.000516
	MW-161	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0388	<0.000430	<0.00100	<0.000157
	MW-161	Apr-25		0.000143 J	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	0.0387	<0.000430	<0.00100 C3	<0.000157
	MW-161	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	0.0448	<0.00148	<0.00264	<0.000516
	RA-1227	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3 J4	<0.000157
	RA-4196	Oct-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	0.00709	<0.00100	<0.00100	<0.000361
	RA-4196	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00948	<0.000430	<0.00100	<0.000157
	RA-4196	Oct-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00798	<0.000430	<0.00100	<0.000157
	RA-4196	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	RA-4196R	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	RA-4196R	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	RA-4196R	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	RA-4196R	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	RA-4196R	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	RA-4798	Oct-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00654	<0.000430	<0.00100	<0.000157
	RA-4798	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0136	<0.000430	<0.00100	<0.000157
	RA-4798	Sep-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0166	<0.000430	<0.00100	<0.000157
	RA-4798	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000397 J	<0.000430	<0.00100	<0.000157
	RW-12R	Apr-17		<0.00162	<0.00138	<0.00130	<0.00209	<0.00164	0.00823	0.0591	0.0239	0.00210 J	<0.00500	0.00877 J	<0.00180
	RW-12R	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.00269	0.0459	0.00648	0.00315	<0.00100	0.00130 J	0.00125
	RW-12R	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.00142	0.0316	0.00595	0.00341	<0.00100	<0.00100	0.000615 J
	RW-12R	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00223	0.0303	0.00553	0.00225	<0.000430	<0.00100	<0.000157
	RW-13R	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.00855	0.0177	0.0283	0.0559	<0.00100	0.00114 J	0.00193
	RW-13R	Mar-23		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	**0.819**	0.0719	**1.23**	**0.607**	**<0.0215**	**0.0890 J**	0.0134 J
	RW-13R	Apr-25		<0.0278	**<0.240**	<0.0315	**<0.0278**	<0.0350	**23.4**	**2.11**	**42.3**	<0.0253	**<0.108**	**2.75 B**	**1.25**
	RW-18A	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	RW-18A	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100 J4	<0.000361
	RW-18A	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	RW-18A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	RW-20B	Apr-15		<0.00320	<0.00280	<0.00260	<0.00420	<0.00330	**0.973**	0.0456	**1.30**	**0.209**	**<0.0100**	**0.183**	0.00846 J
	RW-22	Apr-15		<0.00320	<0.00280	<0.00260	<0.00420	<0.00330	**1.09**	0.0525	**0.850**	**0.178**	**<0.0100**	**0.164**	0.00856 J
NCL	MW-18	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000299 J	<0.000430	<0.00100	<0.000157
	MW-18	Mar-23		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000201 J	<0.000430 J4	<0.00100 J3J4	<0.000157
	MW-18	Apr-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000214 J	<0.000430	<0.00100	<0.000157
	MW-18	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000211 J	<0.000430	<0.00100	<0.000157
	MW-45	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00674	<0.000430	<0.00100	<0.000157
	MW-45	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	0.00379	<0.000430	<0.00100	<0.000157
	MW-45	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00515	<0.000430	<0.00100 J4	0.000455 J
	MW-45	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00388	<0.000430 J4	<0.00100	<0.000157
	MW-45	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00253	<0.000430	<0.00100	<0.000157
	MW-45	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	0.00202	<0.00148	<0.00264 C3	<0.000516
	MW-53	Apr-15		<0.000320	<0.000280	<0.000260	<0.000420	<0.000330	<0.000380	<0.000330	<0.000720	<0.000370	<0.00100	<0.00100	<0.000360
	MW-53	Apr-17		<0.000324	<0.000276	0.000391 J	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-53	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-53	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-53R	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-53R	Mar-23		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101 J3	<0.000430 J4	<0.00100 J3J4	<0.000157
	MW-53R	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-53R	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	Chloroform	Chloromethane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloromethane	Ethyl-benzene	Isopropyl-benzene (Cumene)	m,p-Xylene	Methyl tert-butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Butyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0800	0.0203	0.0700	0.00471	0.0800	0.700	0.447	0.193	0.100	0.00500	0.0300	1.00
				CGWSL Source:	USEPA MCL	NMED TW	WQCC HH	USEPA TW	USEPA MCL	WQCC HH	WQCC TW	NMED TW	WQCC Dom	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
NCL	MW-54A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-54A	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-54A	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000154 J	<0.000430	<0.00100	<0.000157
	MW-54A	Oct-24		<0.000111	<0.000960 Q	<0.000126	<0.000111	<0.000140	<0.000137		<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-54A	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000103 J	<0.000430	<0.00100	<0.000157
	MW-54A	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-54B	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-54B	Apr-21		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-54B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-54B	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-55	Mar-23		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.357**	<0.000430 J4	<0.00100 J3J4	<0.000157
	MW-55	Oct-23		<0.00111	<0.00960	<0.00126	<0.00111 J4	<0.00140	<0.00137	<0.00105	<0.00430	**0.192**	<0.00430	<0.0100	<0.00157
	MW-55	Apr-24		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	<0.00105	<0.00430	**0.121**	<0.00430	<0.0100 J4	<0.00157
	MW-55	Oct-24		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	<0.00105	<0.00430	**0.103**	<0.00430	<0.0100 J4	<0.00157
	MW-55	Apr-25		<0.00111	<0.00960 C3	<0.00126	<0.00111	<0.00140	<0.00137	<0.00105	<0.00430	**0.199**	<0.00430	<0.0100	<0.00157
	MW-55	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	0.0363	<0.00148	<0.00264	<0.000516
	MW-56	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-56	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-56	Oct-24													
	MW-56	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-56	Oct-25													
	MW-108	Mar-23		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	0.000750 J	0.0322	0.00585	<0.000101 J3	<0.000430 J4	0.00243 JJ3J4	0.00190
	MW-108	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	0.000247 J	0.0160	0.00133 J	<0.000101	<0.000430	<0.00100	<0.000157
	MW-108	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000189 J	0.0179	0.000808 J	<0.000101	<0.000430	<0.00100 J4	0.000690 J
	MW-108	Oct-24		<0.000111	<0.000960 Q	<0.000126	<0.000111	<0.000140	<0.000137		<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-108	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	0.0116	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-108	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	0.0131	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	NCL-31	Mar-23		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	0.000391 J	<0.000430	<0.000101 J3	<0.000430 J4	0.00104 JJ3J4	<0.000157
	NCL-31	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-31	Apr-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-31	Oct-24		<0.000111	<0.000960 Q	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-31	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-31	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	NCL-32	Mar-23		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101 J3	<0.000430 J4	<0.00100 J3J4	<0.000157
	NCL-32	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	0.000570 J	<0.000101	<0.000430	0.00197 J	<0.000157
	NCL-32	Apr-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	0.000278 J	<0.000105	0.000691 J	<0.000101	<0.000430	0.00143 J	<0.000157
	NCL-32	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	0.000516 J	<0.000101	<0.000430	0.00179 J	<0.000157
	NCL-32	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	0.000260 J	<0.000105	0.000913 J	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-32	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	NCL-33	Mar-23		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000310 J	<0.000430 J4	<0.00100	<0.000157
	NCL-33	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	0.000320 J	<0.000430	<0.00100	<0.000157
	NCL-33	Apr-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000422 J	<0.000430	<0.00100	<0.000157
	NCL-33	Oct-24		<0.000111	<0.000960 Q	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105 Q	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-33	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000326 J	<0.000430	<0.00100	<0.000157
	NCL-33	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	NCL-34A	Oct-18		<0.00324	<0.00276	<0.00260	<0.00418	<0.00327	0.00672 J	0.0828	0.0266	<0.00367	**<0.0100**	<0.0100	0.00458 J
	NCL-34A	Apr-19		<0.00648	<0.00552	<0.00520	**<0.00836**	<0.00654	<0.00768	0.0808	<0.0144	<0.00734	**<0.0200**	<0.0200 J3J4	<0.00722
	NCL-34A	Oct-19		<0.00162	<0.00138	<0.00130	<0.00209	<0.00164	0.00677	0.0824	0.0175	<0.00184	<0.00500	<0.00500	0.00587
	NCL-34A	Jun-20		<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	0.00476 J	0.0844	0.0335 J	<0.00202	**<0.00860**	<0.0200 J4	0.00420 J
	NCL-44	Mar-23		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	0.000636 J	<0.000430	0.000182 J	<0.000430 J4	<0.00100	<0.000157
	NCL-44	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	0.000668 J	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-44	Apr-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	0.000872 J	<0.000430	0.000101 J	<0.000430	<0.00100	<0.000157
	NCL-44	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	0.000703 J	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-44	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	0.00118	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-44	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	0.00181	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	NCL-49	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-49	Mar-23	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-49	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-49	Oct-23	FD	<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-49	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-49	Apr-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-49	Oct-24		<0.000111	<0.000960 Q	<0.000126	<0.000111	<0.000140	<0.000137		<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-49	Oct-24	FD	<0.000111	<0.000960 Q	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	NCL-49	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	NCL-49	Apr-25	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	NCL-49	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	NCL-49	Oct-25	FD	<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
North Refinery	MW-23	Apr-19		<0.0324	**<0.0276**	<0.0260	**<0.0418**	<0.0327	0.0397 J	0.0949 J	<0.0719	<0.0367	**<0.100**	**<0.100**	<0.0361
	MW-23	Oct-19		<0.00324	<0.00276	<0.00260	<0.00418	<0.00327	0.0105	0.0779	<0.00719	0.0336	**<0.0100**	**0.0359 J**	0.00955 J
	MW-23	Jun-20		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.00865 J	0.101	<0.00430	0.0407	<0.00430	**0.0380 J**	0.00903 JJ4
	MW-23	Oct-20		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.0264	0.125	<0.00430	0.0751	<0.00430	**0.0750**	0.00844 J
	MW-29	Oct-22		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	0.0587	<0.000430	<0.00100	<0.000157
	MW-29	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0684	<0.000430	<0.00100	<0.000157
	MW-29	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	**0.137**	<0.000430	<0.00100	<0.000157
	MW-29	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0867	<0.000430	<0.00100 J4	<0.000157
	MW-39	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.00689	0.0181	0.0354	0.000625 J	<0.00100	<0.00100	0.000981 J
	MW-39	Oct-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327 J4	0.00609	0.0225	0.0263	0.00113	<0.00100	<0.00100	<0.000361
	MW-39	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	0.00317	0.0234	0.0232	0.00120	<0.000430	0.00109 J	<0.000157
	MW-39	Oct-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00165	0.0123	0.0115	0.00138	<0.000430	0.00123 J	<0.000157
	MW-40	Apr-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.000721 J	0.0804	0.0117	<0.000367	<0.00100	<0.00100	<0.000361
	MW-40	Apr-18		0.00196 J	<0.000276	<0.000260	<0.000418	<0.000327	0.000567 J	0.0930	0.00619	<0.000367	<0.00100	<0.00100	0.000605 J
	MW-40	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.0799	0.00157 J	<0.000367	<0.00100	<0.00100	<0.000361
	MW-40	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000220 J	0.0484	0.00241	<0.000101	<0.000430	<0.00100	0.000245 J
	MW-41	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.00791	<0.000719	0.00796	<0.00100	<0.00100	<0.000361
	MW-41	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.0216	<0.000719	0.0178	<0.00100	<0.00100	<0.000361
	MW-41	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.00729	<0.000430	0.0254	<0.000430	<0.00100	<0.000157
	MW-41	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.00608	<0.000430	0.0267	<0.000430	<0.00100	<0.000157
	MW-42	Apr-19		<0.00162	<0.00138	<0.00130	<0.00209	<0.00164	<0.00192	0.0331	0.0226	0.00655	<0.00500	<0.00500	<0.00180
	MW-42	Jun-20		<0.000555	<0.00480	<0.000630	<0.000555	<0.000700	0.00108 J	0.0301	0.0535	0.0103	<0.00215	<0.00500	<0.000785 J4
	MW-42	Apr-21		<0.000555	<0.00480	<0.000630	<0.000555	<0.000700	<0.000685	0.0186	0.00852 J	0.0180	<0.00215	<0.00500	<0.000785
	MW-42	Apr-22		<0.000555	<0.00480	<0.000630	<0.000555	<0.000700	0.00241 J	0.0206	0.0187	0.0413	<0.00215	<0.00500	<0.000785
	MW-43	Apr-19		<0.0648	**<0.0552**	<0.0520	**<0.0836**	<0.0654	<0.0768	<0.0652	**0.744**	<0.0734	**<0.200**	**0.307 J**	<0.0722
	MW-43	Oct-19		<0.0648	**<0.0552**	<0.0520	**<0.0836**	<0.0654	0.129 J	<0.0652	**0.610**	<0.0734	**<0.200**	**0.229 J**	<0.0722
	MW-43	Jun-20		0.00489 J	<0.0192	<0.00252	<0.00222	<0.00280	0.0311	0.0437	**0.703**	0.0347	**<0.00860**	**0.132**	0.00373 J
	MW-43	Oct-20		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	0.136	0.0453 J	**0.852**	0.0481 J	**<0.0215**	**0.105 J**	<0.00785
	MW-59	Apr-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.0175	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-59	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.0236	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-59	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.0207	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-59	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.0103	<0.000430	0.00350	<0.000430	0.00202 J	<0.000157 J4
	MW-60	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000281 J	0.0145	0.00157 J	<0.000101	<0.000430	<0.00100	<0.000157 J4
	MW-60	Jun-20	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000296 J	0.0126	0.00194 J	<0.000101	<0.000430	<0.00100	<0.000157 J4
	MW-60	Oct-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000461 J	0.0231	0.00238	0.000168 J	<0.000430	<0.00100	<0.000157
	MW-60	Oct-20	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000472 J	0.0231	0.00224	0.000180 J	<0.000430	<0.00100 J4	<0.000157

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	Chloroform	Chloromethane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloromethane	Ethyl-benzene	Isopropyl-benzene (Cumene)	m,p-Xylene	Methyl tert-butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Butyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0800	0.0203	0.0700	0.00471	0.0800	0.700	0.447	0.193	0.100	0.00500	0.0300	1.00
				CGWSL Source:	USEPA MCL	NMED TW	WQCC HH	USEPA TW	USEPA MCL	WQCC HH	WQCC TW	NMED TW	WQCC Dom	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
North Refinery	MW-61	Mar-23		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	0.0510	0.0760	**0.574**	<0.00505	**<0.0215**	**0.149 J**	<0.00785
	MW-61	Oct-23		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.0625	0.106	**0.811**	<0.00101	<0.00430	**0.138 J4**	<0.00157
	MW-61	Apr-24		<0.00222	<0.0192 J3	<0.00252	<0.00222	<0.00280	0.0618	0.111	**0.892**	<0.00202	**<0.00860**	**0.169**	0.00671 J
	MW-61	Oct-24		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.0381	0.0736	**0.604**	<0.00101	0.00431 J	**0.207**	0.00451 J
	MW-61	Apr-25		0.0174 J	**<0.0480**	<0.00630	**<0.00555** J4	<0.00700	0.0574	0.0887	**0.673**	<0.00505	**<0.0215**	**0.137 C3 J**	<0.00785
	MW-61	Oct-25		<0.0640	**<0.0850**	<0.0162	**<0.0174**	<0.0199	0.0350 J	0.107	**0.716**	<0.0179	**<0.0740**	**0.205 J**	<0.0258
	MW-62	Oct-20		<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	0.151	0.0974	**0.757**	0.0836	**<0.00860**	**0.116**	0.00412 J
	MW-62	Sep-21		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	**0.773**	0.152	**2.34**	**0.120**	**<0.0215**	**0.344**	0.0173 J
	MW-62	Apr-22		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	0.307	0.138	**1.77**	0.0590	**<0.0215**	**0.227 J**	0.0384 J
	MW-62	Oct-22		0.00653 J	**<0.0480**	<0.00630	**<0.00555** J4	<0.00700	0.161	0.111	**0.968**	**0.102**	**<0.0215**	**0.113 J**	0.0286 J
	MW-62R	Apr-21		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	0.0287 J	0.136	<0.0215	0.00545 J	**<0.0215**	**<0.0500**	<0.00785
	MW-62R	Apr-22		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.0108	0.108	0.0187 J	0.0136	<0.00430	0.0104 J	0.00922 J
	MW-62R	Mar-23		<0.0111	**<0.0960**	<0.0126	**<0.0111**	<0.0140	<0.0137	0.121	<0.0430	0.0517 J	**<0.0430**	**<0.100**	<0.0157
	MW-62R	Apr-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	0.00690	0.167	0.0263	0.0841	<0.000430	0.00689	0.00516
	MW-67	Oct-17		<0.000324	<0.000276	0.00275	<0.000418	<0.000327	0.00330	0.0300	0.00245	**0.201**	<0.00100	<0.00100	0.00196
	MW-67	Apr-18		<0.00162	<0.00138	<0.00130	<0.00209	<0.00164	0.00500	0.0470	0.00916 J	**0.219**	<0.00500	<0.00500	0.00588
	MW-67	Oct-18		<0.000324	<0.000276	0.00122	<0.000418	<0.000327	0.000620 J	0.0231	0.00113 J	**0.289**	<0.00100	<0.00100	0.00129
	MW-67	Apr-19		<0.00162	<0.00138	<0.00130	<0.00209	<0.00164	0.00237 J	0.0348	<0.00360	**0.140**	<0.00500	<0.00500	0.00299 J
	MW-90	Mar-23		0.00113 J	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	0.0346	<0.00430	<0.00101	<0.00430	<0.0100	<0.00157
	MW-90	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	0.000147 J	0.0389	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-90	Apr-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	0.000443 J	0.0589	<0.000430	<0.000101	<0.000430	0.00213 J	0.000715 J
	MW-90	Oct-24		<0.000111	<0.000960 Q	<0.000126	<0.000111	<0.000140	<0.000137	0.0425 Q	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-90	Apr-25		0.00155 J	<0.000960	<0.000126	<0.000111	<0.000140	0.000272 J	0.0505 C5	<0.000430	<0.000101	<0.000430	<0.00100	0.000402 J
	MW-90	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	0.000453 J	0.0468	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-91	Oct-18		<0.0324	**<0.0276**	<0.0260	**<0.0418**	<0.0327	0.210	0.0813 J	**0.552**	<0.0367	**<0.100**	**<0.100**	<0.0361
	MW-91	Apr-19		<0.0324	**<0.0276**	**0.0926 J**	**<0.0418**	<0.0327	0.481	0.0850 J	**0.612**	<0.0367	**<0.100**	**<0.100**	<0.0361
	MW-91	Oct-19		<0.0324	**<0.0276**	<0.0260	**<0.0418**	<0.0327 J4	**1.48**	0.115	**1.57**	<0.0367	**<0.100**	**<0.100**	<0.0361
	MW-91	Jun-20		<0.0111	**<0.0960**	<0.0126	**<0.0111**	<0.0140	**1.85**	0.105	**1.85**	<0.0101	**<0.0430**	**<0.100**	<0.0157
	MW-93	Apr-17		<0.00810	<0.00690	<0.00650	**<0.0104**	<0.00818	<0.00960	0.0355	**0.326**	<0.00918	**<0.0250**	**0.0422 J**	<0.00902
	MW-93	Apr-18		<0.000324	<0.000276	0.000281 J	<0.000418	<0.000327	0.00738	0.0359	**0.332**	<0.000367	<0.00100	0.0256	0.00367
	MW-93	Apr-19		<0.000324	<0.000276	0.000267 J	<0.000418	<0.000327	0.00962	0.0340	**0.299**	<0.000367	<0.00100	**0.0482**	0.00447
	MW-93	Jun-20		<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	0.00622 J	0.0262	**0.296**	<0.00202	**<0.00860**	**0.0519 J**	<0.00314 J4
	MW-94	Nov-14		<0.00650	<0.00550	<0.00520	**<0.00840**	<0.00650	0.580	0.0840	**0.310**	**1.30**	**<0.0200**	**0.220**	0.0400
	MW-94	Oct-15		<0.00324	<0.00276	<0.00260	<0.00418	<0.00327	0.509	0.0646	**0.214**	**0.798**	**<0.0100**	**0.202**	0.0219
	MW-94	Apr-17		<0.00810	<0.00690	<0.00650	**<0.0104**	<0.00818	0.432	0.0621	0.168	**0.958**	**<0.0250**	**0.174**	0.0553
	MW-95	Apr-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.0114	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-95	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.0122	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-95	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.00797	<0.000719	<0.000367	<0.00100	<0.00100	<0.000361
	MW-95	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000196 J	0.00904	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-96	Mar-23		**<0.111**	**<0.960** J3	**<0.126**	**<0.111**	**<0.140**	0.155 J	<0.105	**<0.430**	**25.7 J3**	**<0.430** J4	**<1.00** J3J4	<0.157
	MW-96	Oct-23		<0.00111	<0.00960	<0.00126	<0.00111 J4	<0.00140	<0.00137	0.0560	<0.00430	**36.3**	<0.00430	<0.0100	<0.00157
	MW-96	Apr-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	0.000925 J	0.0708	0.000744 J	**22.8**	<0.000430	<0.00100	0.00389
	MW-96	Oct-24		**<0.111**	**<0.960**	**<0.126**	**<0.111**	**<0.140**	<0.137	<0.105	**<0.430**	**24.0**	**<0.430**	**<1.00** J4	<0.157
	MW-96	Apr-25		**<0.111**	**<0.960** C3	**<0.126**	**<0.111**	**<0.140**	<0.137	<0.105	**<0.430**	**17.2**	**<0.430**	**<1.00**	<0.157
	MW-96	Oct-25		**<1.28**	**<1.70**	**<0.323**	**<0.348**	**<0.398**	<0.234	<0.105	**<0.549**	**20.4**	**<1.48**	**<2.64**	<0.516
	MW-98	Mar-23		<0.0222	**<0.192**	<0.0252	**<0.0222**	<0.0280	0.477	0.0861 J	**1.41**	<0.0202	**<0.0860**	**<0.200**	<0.0314
	MW-98	Oct-23		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.447	0.109	**1.35**	<0.00101	<0.00430	**0.306**	<0.00157
	MW-98	Apr-24		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	0.260	0.0827	**0.989**	<0.00505	**<0.0215**	**0.172 JJ4**	<0.00785
	MW-98	Oct-24		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	0.329	0.0854	**0.874**	<0.00505	**<0.0215**	**0.281**	<0.00785
	MW-98	Apr-25		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	0.285	0.0961	**0.919**	<0.00505	**<0.0215**	**0.278**	<0.00785
	MW-98	Oct-25		<0.0640	**<0.0850**	<0.0162	**<0.0174**	<0.0199	0.179	0.105	**0.908**	<0.0179	**<0.0740**	**0.282**	<0.0258
	MW-137	Oct-17		<0.0648	**<0.0552**	<0.0520	**<0.0836**	<0.0654	**1.53**	0.113 J	**0.891**	0.0754 J	**<0.200**	**0.317 J**	<0.0722
	MW-137	Apr-18		<0.0648	**<0.0552**	<0.0520	**<0.0836**	<0.0654	**1.86**	0.117 J	**0.905**	0.0758 J	**<0.200**	**0.373 J**	<0.0722
	MW-137	Oct-18		<0.0648	**<0.0552**	<0.0520	**<0.0836**	<0.0654	**1.09**	0.0812 J	**0.523**	0.0876 J	**<0.200**	**0.237 J**	<0.0722
	MW-137	Apr-19		<0.0648	**<0.0552**	<0.0520	**<0.0836**	<0.0654	**1.21**	0.0714 J	**0.547**	<0.0734	**<0.200**	**<0.200**	<0.0722
	MW-138	Oct-17		<0.00162	<0.00138	<0.00130	<0.00209	<0.00164	0.0244	0.0579	0.00565 J	**0.163**	<0.00500	**0.0635**	0.00606
	MW-138	Apr-18		<0.00162	<0.00138	<0.00130	<0.00209	<0.00164	0.222	0.0572	0.0438	**0.188**	<0.00500	**0.0667**	0.00518
	MW-138	Oct-18		<0.00162	<0.00138	<0.00130	<0.00209	<0.00164	0.423	0.0543	0.109	**0.269**	**0.00504 J**	**0.0379**	<0.00180
	MW-138	Apr-19		<0.00162	<0.00138	<0.00130	<0.00209	<0.00164	0.389	0.0611	0.0968	**0.171**	<0.00500	**0.0377**	0.00737
	MW-157	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**11.4 Q**	<0.000430	<0.00100	<0.000157
	MW-157	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**10.1**	<0.000430	<0.00100	<0.000157
	MW-157	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	**9.43**	<0.00148	<0.00264 C3	<0.000516
	RW-1	Apr-15		<0.0160	<0.0140	**1.02**	**<0.0210**	<0.0160	0.0470 J	<0.0160	0.0365 J	<0.0180	**<0.0500**	**<0.0500**	<0.0180
	RW-1	Apr-17		<0.00324	<0.00276	**0.624**	<0.00418	<0.00327	0.0169	0.00424 J	0.00743 J	0.0441	**<0.0100**	<0.0100	0.00401 J
	RW-1	Apr-18		<0.000324	<0.000276	**0.681**	<0.000418	<0.000327	0.0964	0.0316	0.0827	0.0292	<0.00100	0.0132	0.00339
	RW-1	Apr-19		<0.000324	<0.000276	**0.980**	<0.000418	<0.000327	0.102	0.0222	0.0803	0.0218	<0.00100	0.00849	0.00257
	RW-2	Apr-17		<0.0162	<0.0138	**0.828**	**<0.0209**	<0.0164	**0.837**	0.0533	**0.413**	<0.0184	**<0.0500**	**0.145 J**	<0.0180
	RW-2	Apr-18		<0.000324	<0.000276	**0.543**	<0.000418	<0.000327	0.672	0.0769	**0.440**	0.0120	<0.00100	**0.190**	0.0139
	RW-2	Mar-23		<0.00222	<0.0192	**0.634**	<0.00222	<0.00280	0.198	0.0286	0.0634	<0.00202	**<0.00860**	0.0234 J	0.0156 J
	RW-2	Apr-25		<0.000555	<0.00480	0.0340	<0.000555	<0.000700	0.00418 J	0.000788 J	<0.00215	<0.000505	<0.00215	<0.00500 C3 J4	<0.000785
	RW-7	Apr-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	0.0325	<0.00100	<0.00100	<0.000361
	RW-7	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.00132	0.00650	0.00431	0.0378	<0.00100	0.00204 J	0.00102
	RW-7	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	0.00312	0.000961 J	0.0229	<0.00100	<0.00100	<0.000361
	RW-7	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000204 J	0.00809	0.00209	0.00825	<0.000430	<0.00100	<0.000157 J4
	RW-8	Apr-15		<0.00320	<0.00280	<0.00260	<0.00420	<0.00330	0.00801 J	0.0204	<0.00720	**2.41**	**0.0113 J**	<0.0100	<0.00360
	RW-8	Apr-17		<0.000324	<0.000276	0.000478 J	<0.000418	<0.000327	0.0198	0.0193	0.0386	**1.94**	<0.00100	**0.0320**	0.00837
	RW-9	Apr-22		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	0.0902	<0.00430	**0.417**	<0.00430	<0.0100	<0.00157
	RW-9	Mar-23		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	0.0328	<0.00430	**0.161**	<0.00430	<0.0100	<0.00157
	RW-9	Apr-24		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	0.0737	<0.00430	**0.264**	<0.00430	<0.0100 J4	<0.00157
	RW-9	Apr-25		<0.00111	<0.00960 C3	<0.00126	<0.00111	<0.00140	<0.00137	0.0572	0.00594 J	**0.174**	<0.00430	<0.0100	<0.00157
	RW-10	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.000727 J	0.00307	0.00126 J	<0.000367	<0.00100	<0.00100	0.00108
	RW-10	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.000633 J	0.00242	0.000967 J	<0.000367	<0.00100	<0.00100	<0.000361
	RW-10	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	0.000865 J	0.00269	0.00152 J	0.000418 J	<0.000430	<0.00100	<0.000157
	RW-10	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	0.00500	0.00387	0.00301	0.00268	<0.000430	0.00196 J	<0.000157
	RW-16B	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	0.00166	<0.00100	<0.00100	<0.000361
	RW-16B	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000328 J	<0.000105	0.000872 J	0.00482	<0.000430	<0.00100	<0.000157
	RW-16B	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0764	<0.000430	0.00129 J	<0.000157
	RW-16B	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0317	<0.000430	<0.00100	<0.000157
	RW-17A	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	**0.107**	<0.00100	<0.00100	<0.000361
	RW-17A	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327 J4	<0.000384	<0.000326	<0.000719	0.0434	<0.00100	<0.00100	<0.000361
	RW-17A	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157 J4
	RW-17A	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0157	<0.000430	<0.00100	<0.000157

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	Chloroform	Chloromethane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloromethane	Ethyl-benzene	Isopropyl-benzene (Cumene)	m,p-Xylene	Methyl tert-butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Butyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0800	0.0203	0.0700	0.00471	0.0800	0.700	0.447	0.193	0.100	0.00500	0.0300	1.00
				CGWSL Source:	USEPA MCL	NMED TW	WQCC HH	USEPA TW	USEPA MCL	WQCC HH	WQCC TW	NMED TW	WQCC Dom	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
North RO Reject Field	MW-117	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0166	<0.000430	<0.00100 J3J4	<0.000157
	MW-117	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0246	<0.000430	<0.00100	<0.000157
	MW-117	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0670	<0.000430	<0.00100	<0.000157
	MW-117	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0471	<0.000430	<0.00100	<0.000157
	MW-117	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0205	<0.000430	<0.00100 J4	<0.000157
	MW-117	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	0.00184	<0.00148	<0.00264	<0.000516
	MW-118	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-118	Oct-23		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-118	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-118	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-118	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-118	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-119	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-119	Oct-23		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-119	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000207 J	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-119	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-119	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-119	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-140	Mar-23													
	MW-140	Oct-23													
	MW-140	Apr-24													
	MW-140	Oct-24													
	MW-140	Apr-25													
	MW-140	Oct-25													
	MW-141	Mar-23													
	MW-141	Oct-23													
	MW-141	Apr-24													
	MW-141	Oct-24													
	MW-141	Apr-25													
	MW-141	Oct-25													
	MW-142	Mar-23													
	MW-142	Oct-23													
	MW-142	Apr-24													
	MW-142	Oct-24													
	MW-142	Apr-25													
	MW-142	Oct-25													
	MW-143	Mar-23													
	MW-143	Oct-23													
	MW-143	Apr-24													
	MW-143	Oct-24													
	MW-143	Apr-25													
	MW-143	Oct-25													
	MW-162	Oct-24													
	MW-162	Apr-25													
	MW-162	Oct-25													
South Refinery	KWB-2R	Oct-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327 J4	0.264	0.0724	0.109	0.0216	<0.00100	**0.0323**	0.00315
	KWB-2R	Mar-23		<0.000555	<0.00480	<0.000630	<0.000555	<0.000700	0.0173	0.0166	0.0118	0.0262	<0.00215	**0.0537**	0.00691
	KWB-2R	Oct-23		<0.000555	<0.00480 J4	<0.000630	<0.000555	<0.000700	0.00397 J	0.00182 J	0.00219 J	0.0142	<0.00215	<0.00500	<0.000785
	KWB-2R	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000804 J	0.000932 J	0.000589 J	0.0222	<0.000430	0.00288 J	<0.000157
	KWB-5	Oct-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.0960	0.00852	<0.180	**12.4**	<0.00100	0.0131	0.00118
	KWB-5	Apr-18		**<0.0810**	**<0.0690**	<0.0650	**<0.104**	**<0.0818**	<0.0960	<0.0815	<0.180	**10.3**	**<0.250**	**<0.250**	<0.0902
	KWB-5	Oct-18		**<0.0810**	**<0.0690**	<0.0650	**<0.104**	**<0.0818**	<0.0960	<0.0815	<0.180	**10.8**	**<0.250**	**<0.250**	<0.0902
	KWB-5	Apr-19		**<0.0810**	**<0.0690**	<0.0650	**<0.104**	**<0.0818**	<0.0960	<0.0815	<0.180	**9.94**	**<0.250**	**<0.250** J4	<0.0902
	KWB-6	Apr-17		<0.00162	<0.00138	<0.00130	<0.00209	<0.00164	0.346	0.0344	**0.373**	**0.154**	<0.00500	**0.0563**	0.00434 J
	KWB-6	Oct-17		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.183	0.0199	**0.275**	**0.102**	<0.00100	**0.0436**	<0.000361
	KWB-6	Apr-18		<0.00648	<0.00552	<0.00520	**<0.00836**	<0.00654	0.156	0.0252	**0.223**	**0.122**	**<0.0200**	**0.0587 J**	<0.00722
	KWB-6	Oct-18		<0.00648	<0.00552	<0.00520	**<0.00836**	<0.00654	0.102	0.0133 J	**0.356**	**0.120**	**<0.0200**	**0.0469 J**	<0.00722
	MW-28	Apr-19		<0.0162	<0.0138	<0.0130	**<0.0209**	<0.0164	0.0274 J	0.0436 J	0.140	**0.268**	**<0.0500**	**0.0736 J**	<0.0180
	MW-28	Oct-19		<0.0162	<0.0138	<0.0130	**<0.0209**	<0.0164	0.0375 J	0.0755	**0.264**	**0.692**	**<0.0500**	**0.137 J**	<0.0181
	MW-28	Jun-20		0.00390 J	<0.00480	<0.000630	<0.000555	<0.000700	0.0201	0.0246	0.0901	**0.194**	<0.00215	0.0157 J	0.00113 J
	MW-28	Oct-20		<0.000555	<0.00480	<0.000630	<0.000555	<0.000700	0.0136	0.0192	0.0609	**0.214**	<0.00215	0.00638 J	<0.000785
	MW-48	Apr-18		**<0.0810**	**<0.0690**	<0.0650	**<0.104**	**<0.0818**	**1.36**	<0.0815	**0.954**	**0.171 J**	**<0.250**	**<0.250**	<0.0902
	MW-48	Oct-18		**<0.0810**	**<0.0690**	<0.0650	**<0.104**	**<0.0818**	0.479	0.0962 J	**0.358 J**	**0.611**	**<0.250**	**<0.250**	<0.0902
	MW-48	Apr-19		**<0.0810**	**<0.0690**	<0.0650	**<0.104**	**<0.0818**	0.603	0.122 J	**0.498 J**	**0.372**	**<0.250**	**1.20 JJ4**	<0.0902
	MW-48	Oct-19		**<0.0810**	**<0.0690**	<0.0650	**<0.105**	**<0.0817**	0.118 J	<0.0815	**0.290 J**	**0.517**	**<0.250**	**<0.250**	<0.0903
	MW-50	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	0.00104 J	<0.000157
	MW-50	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	0.00150 J	<0.000157
	MW-50	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-50	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430 J4	<0.00100	<0.000157
	MW-50	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	0.000345 J	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-50	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-52	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-52	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00477	0.000253 J	0.00181 J	0.000216 J	<0.000430	<0.00100	<0.000157
	MW-52	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000374 J	<0.000430	<0.00100	<0.000157
	MW-52	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000411 J	<0.000430	<0.00100	<0.000157
	MW-52	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000295 J	<0.000430	<0.00100	<0.000157
	MW-52	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-64	Mar-23		<0.0555	**<0.480**	<0.0630	**<0.0555**	<0.0700	**1.90**	<0.0525	**3.87**	**0.430 J**	**<0.215**	**<0.500**	<0.0785
	MW-64	Oct-23		<0.0111	**<0.0960** J4	<0.0126	**<0.0111**	<0.0140	**2.32**	0.0668 J	**4.07**	**0.225**	**<0.0430**	**0.161 J**	<0.0157
	MW-64	Apr-24		<0.0555	**<0.480**	<0.0630	**<0.0555**	<0.0700	**2.34**	0.104 J	**4.67**	**0.309 J**	**<0.215**	**0.556 J**	<0.0785
	MW-64	Oct-24		<0.0555	**<0.480**	<0.0630	**<0.0555**	<0.0700	**1.84**	<0.0525	**3.44**	**0.389 J**	**<0.215**	**<0.500**	<0.0785
	MW-64	Apr-25		<0.0555	**<0.480**	<0.0630	**<0.0555**	<0.0700	**1.73**	0.0555 J	**3.25**	**0.317 J**	**<0.215**	**<0.500** C3 J4	<0.0785
	MW-64	Oct-25		**<0.640**	**<0.850**	**<0.162**	**<0.174**	**<0.199**	**1.88**	0.0600 J	**3.45**	**0.354 J**	**<0.740**	**<1.32**	<0.258
	MW-65	Oct-19		<0.0324	**<0.0276**	<0.0260	**<0.0418**	<0.0327 J4	0.0565 J	0.0608 J	<0.0719	**1.82**	**<0.100**	**0.148 J**	<0.0361
	MW-65	Mar-23		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	0.0420	0.0593	0.00443	**0.842**	<0.000430 J4	**0.208**	0.00906
	MW-65	Oct-23		<0.00278	**<0.0240** J4	<0.00315	<0.00278	<0.00350	0.0169 J	0.0419	<0.0107	**0.678**	**<0.0107**	**0.0791 J**	0.00741 J
	MW-65	Apr-24		0.00381 J	**<0.0240**	<0.00315	<0.00278	<0.00350	0.00582 J	0.0374	<0.0107	**0.800**	**<0.0107**	**0.110 J**	<0.00393
	MW-66	Oct-19		<0.00810	<0.00690	<0.00650	**<0.0105**	<0.00818	<0.00960	0.0446	<0.0180	**1.69**	**<0.0250**	**0.0758 J**	<0.00903
	MW-66	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00717	0.0552	0.0121	**1.62**	<0.000430	**0.167**	0.00824 J4
	MW-66	Oct-20		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.00643 J	0.0424	0.00604 J	**1.90**	<0.00430	**0.0737**	0.00483 J
	MW-66	Apr-21		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.0185	0.0296	0.0223	**3.15**	<0.00430	**0.0620**	0.00627 J
	MW-99	Oct-18		<0.0324	**<0.0276**	<0.0260	**<0.0418**	<0.0327	0.201	0.0672 J	**0.358**	**3.10**	**<0.100**	**<0.100**	<0.0361
	MW-99	Apr-19		<0.0324	**<0.0276**	<0.0260	**<0.0418**	<0.0327	0.491	0.0480 J	**0.379**	**2.24**	**<0.100**	**<0.100**	<0.0361
	MW-99	Oct-19		<0.0324	**<0.0276**	<0.0260	**<0.0418**	<0.0327	0.241	<0.0326	**0.218**	**0.533**	**<0.100**	**<0.100**	<0.0361
	MW-99	Jun-20		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.0866	0.0139	0.0721	**0.379**	<0.00430	<0.0100	0.00233 J
	MW-101	Mar-23		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.0323	0.0297	0.168	0.0790	<0.00430	0.0250 J	<0.00157
	MW-101	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00600	0.00698	0.000966 J	0.0379	<0.000430	<0.00100 J4	<0.000157
	MW-101	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00156	0.00382	0.000445 J	0.0222	<0.000430	0.00137 J	0.000972 J
	MW-101	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00318	0.0112	0.0264	0.0192	<0.000430	0.00198 J	0.000329 J
	MW-101	Apr-25		0.00511 J	<0.0192	<0.00252	<0.00222	<0.00280	<0.00274	0.00724 J	<0.00860	0.0240	**<0.00860**	<0.0200 C3 J4	<0.00314
	MW-101	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	0.00204	0.000587 J	0.0140	<0.00148	<0.00264 C3	<0.000516

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	Chloroform	Chloromethane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloromethane	Ethyl-benzene	Isopropyl-benzene (Cumene)	m,p-Xylene	Methyl tert-butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Butyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0800	0.0203	0.0700	0.00471	0.0800	0.700	0.447	0.193	0.100	0.00500	0.0300	1.00
				CGWSL Source:	USEPA MCL	NMED TW	WQCC HH	USEPA TW	USEPA MCL	WQCC HH	WQCC TW	NMED TW	WQCC Dom	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
South Refinery	MW-102	Mar-23		<0.0222	**<0.192**	<0.0252	**<0.0222**	<0.0280	**0.747**	0.0411 J	**0.535**	**0.274**	**<0.0860**	**<0.200**	<0.0314
	MW-102	Mar-23	FD	<0.0111	**<0.0960**	<0.0126	**<0.0111**	<0.0140	0.691	0.0327 J	**0.485**	**0.304**	**<0.0430**	**<0.100**	<0.0157
	MW-102	Oct-23		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	0.700	0.0420	**0.542**	**0.189**	<0.000430	**0.177**	<0.000157
	MW-102	Oct-23	FD	<0.0278	**<0.240** J4	<0.0315	**<0.0278**	<0.0350	0.630	0.0326 J	**0.476 J**	**0.163 J**	**<0.108**	**<0.250**	<0.0393
	MW-102	Apr-24		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	**0.934**	0.0445	**0.619**	**0.367**	<0.00430	**0.140**	0.00966 J
	MW-102	Apr-24	FD	<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	**0.744**	0.0355	**0.431**	**0.504**	<0.00430	**0.119**	<0.00157
	MW-102	Oct-24		<0.0278	**<0.240**	<0.0315	**<0.0278**	<0.0350	0.564	<0.0263	**0.539**	**0.286**	**<0.108**	**<0.250**	<0.0393
	MW-102	Oct-24	FD	<0.0278	**<0.240**	<0.0315	**<0.0278**	<0.0350	**0.741**	0.0796 J	**0.569**	**0.448**	**<0.108**	**<0.250**	<0.0393
	MW-102	Apr-25		<0.0278	**<0.240**	<0.0315	**<0.0278**	<0.0350	0.555	<0.0263	**0.370 J**	**0.452**	**<0.108**	**<0.250** C3 J4	<0.0393
	MW-102	Apr-25	FD	<0.0278	**<0.240**	<0.0315	**<0.0278**	<0.0350	0.623	0.0306 J	**0.418 J**	**0.473**	**<0.108**	**<0.250** C3 J4	<0.0393
	MW-102	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	**0.716**	0.0447	**0.484**	**0.332**	<0.00148	**0.178**	0.0117
	MW-102	Oct-25	FD	**<0.640**	**<0.850**	**<0.162**	**<0.174**	**<0.199**	**0.805**	<0.0525	**0.554 J**	**<0.179**	**<0.740**	**<1.32**	<0.258
	MW-103	Apr-22		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.00309 J	0.0251	<0.00430	<0.00101	<0.00430	<0.0100	0.00722 JB
	MW-103	Mar-23		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.00145 J	0.0242	0.00441 J	<0.00101	<0.00430	<0.0100	<0.00157
	MW-103	Apr-24		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	0.0229	<0.00430	<0.00101	<0.00430	<0.0100	<0.00157
	MW-103	Apr-25		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	0.0199	<0.00430	<0.00101	<0.00430	<0.0100 C3 J4	0.00195 J
	MW-104	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.0231	<0.000430	0.000679 J	<0.000430	<0.00100	0.000261 J
	MW-104	Oct-23		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	0.000303 J	0.0328	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-104	Apr-24		0.0461	<0.000960	<0.000126	<0.000111	<0.000140	0.00149	0.0567	<0.000430	0.000698 J	**0.0179**	<0.00100	<0.000157
	MW-104	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00330	0.0858	<0.000430	0.000679 J	<0.000430	<0.00100	0.000747 J
	MW-104	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000199 J	0.0674	<0.000430	0.000430 J	<0.000430	<0.00100 C3 J4	0.000469 J
	MW-104	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	0.0740	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-105	Mar-23		<0.0111	**<0.0960**	<0.0126	**<0.0111**	<0.0140	0.0216 J	0.0301 J	0.0927 J	<0.0101	**<0.0430**	**<0.100**	<0.0157
	MW-105	Oct-23		<0.000555	<0.00480	<0.000630	<0.000555	<0.000700	0.0430	0.0190	0.0697	<0.000505	<0.00215	<0.00500 J4	0.00222 J
	MW-105	Apr-24		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.0750	0.0362	0.0989	0.0166	<0.00430	0.0160 J	<0.00157
	MW-105	Oct-24		<0.000555	<0.00480	<0.000630	<0.000555	<0.000700	0.0450	0.0305	0.130	0.00613	<0.00215	0.0106 J	0.00258 J
	MW-105	Apr-25		<0.0111	**<0.0960**	<0.0126	**<0.0111** J4	<0.0140	0.0326 J	0.0364 J	0.109 J	<0.0101	**<0.0430**	**<0.100** C3	<0.0157
	MW-105	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	0.0403	0.0336	0.0972	0.00959	<0.00148	0.00693 C3	0.00313
	MW-106	Oct-23		<0.00111	<0.00960	<0.00126	<0.00111 J4	<0.00140	0.0183	0.0110	0.0562	<0.00101	<0.00430	0.0210 J	<0.00157
	MW-106	Apr-24		<0.00278	**<0.0240** J3	<0.00315	<0.00278	<0.00350	0.155	0.0335	**0.215**	0.0509	**<0.0107**	**0.0669 J**	<0.00393
	MW-106	Oct-24		<0.0555	**<0.480** J3	<0.0630	**<0.0555**	<0.0700	<0.0685	<0.0525	**<0.215**	<0.0505	**<0.215**	**<0.500**	<0.0785
	MW-106	Apr-25		<0.0222	**<0.192**	<0.0252	**<0.0222**	<0.0280	0.0719 J	0.0286 J	0.161 J	0.0337 J	**<0.0860**	**<0.200**	<0.0314
	MW-106	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	0.0169	0.0130	0.0307	0.0101	<0.00148	0.0124 C3	0.00113
	MW-107	Oct-15		<0.0324	**<0.0276**	<0.0260	**<0.0418**	<0.0327	0.0403 J	0.0454 J	0.0867 J	**2.77**	**<0.100**	**<0.100**	<0.0361
	MW-107	Apr-17		<0.0162	<0.0138	<0.0130	**<0.0209**	<0.0164	<0.0192	0.0334 J	<0.0360	**2.78**	**<0.0500**	**0.0788 J**	<0.0180
	MW-107	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.0382	0.0576	0.0130	**3.02**	<0.00100	**0.143**	0.00377
	MW-107	Apr-19		**<0.0810**	**<0.0690**	<0.0650	**<0.104**	**<0.0818**	<0.0960	<0.0815	<0.180	**3.39**	**<0.250**	**<0.250**	<0.0902
	MW-109	Mar-23		<0.00555	**<0.0480**	<0.00630	**<0.00555**	<0.00700	<0.00685	0.0390 J	<0.0215	<0.00505	**<0.0215**	**<0.0500**	<0.00785
	MW-109	Oct-23		0.00390 J	**<0.0240**	<0.00315	<0.00278	<0.00350	<0.00343	0.0369	<0.0107	<0.00253	**<0.0107**	<0.0250	<0.00393
	MW-109	Apr-24		0.00625 J	**<0.0240**	<0.00315	<0.00278	<0.00350	0.00435 J	0.0634	<0.0107	<0.00253	**<0.0107**	<0.0250	<0.00393
	MW-109	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	0.00530	0.0572	0.00767	<0.000101	<0.000430	<0.00100	0.00215
	MW-109	Apr-25		<0.00278	**<0.0240**	<0.00315	<0.00278	<0.00350	0.00642 J	0.0569	<0.0107	<0.00253	**<0.0107**	**0.0967 B J**	<0.00393
	MW-109	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	0.00520	0.0606	0.00431	<0.000357	<0.00148	<0.00264	0.00332
	MW-110	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000881 J	0.000521 J	<0.000101	<0.000430	<0.00100	<0.000157
	MW-110	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000209 J	0.00115	0.000586 J	<0.000101	<0.000430	<0.00100	<0.000157
	MW-110	Apr-24		0.000328 J	<0.000960	<0.000126	<0.000111	<0.000140	0.000271 J	0.00255	0.000557 J	<0.000101	<0.000430	<0.00100	0.000639 J
	MW-110	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	0.000349 J	0.00266	0.000908 J	<0.000101	<0.000430	0.00116 J	<0.000157
	MW-110	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	0.000168 J	0.00340	0.000496 J	<0.000101	<0.000430	<0.00100	<0.000157
	MW-110	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	0.00283	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-139	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-139	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	0.00557	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-139	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.00322	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-139	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.00126	<0.000430	<0.000101	<0.000430 J4	<0.00100	<0.000157
	MW-139	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	<0.000137	0.00200	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-139	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	0.00324	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-158	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101 Q	<0.000430	<0.00100	<0.000157
	MW-158	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-158	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264 C3	<0.000516
	MW-159	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.423 Q**	<0.000430	<0.00100	<0.000157
	MW-159	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000116 J	<0.000430	**0.398**	<0.000430	<0.00100	<0.000157
	MW-159	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	**0.306**	<0.00148	<0.00264 C3	<0.000516
	RA-313	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	RA-313	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	0.000213 J	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	RA-313	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	RA-313	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111 C3 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	RW-4	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00185	0.0254	0.00270	0.0727	<0.000430	<0.00100	<0.000157
	RW-4	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00396	0.0229	0.00398	0.0295	<0.000430	0.00193 J	0.00559
	RW-4	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00397	0.0152	0.00329	0.0180	<0.000430	0.00146 J	0.00151
	RW-4	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.0209	0.0311	0.0151	0.0350	<0.000430	0.00300 JJ4	0.00323
	RW-5R	Apr-15		<0.00320	<0.00280	<0.00260	<0.00420	<0.00330	**1.03**	0.0398	**1.39**	**2.15**	**<0.0100**	**0.174**	0.00606 J
	RW-6	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.0838	0.0299	0.0926	<0.000367	<0.00100	0.0290	0.00631
	RW-6	Apr-19		<0.00648	<0.00552	<0.00520	**<0.00836**	<0.00654	0.0487	0.0327	0.0224 J	**0.792**	**<0.0200**	**0.0678 J**	<0.00722
	RW-6	Mar-23		<0.00278	**<0.0240** J3	<0.00315	<0.00278	<0.00350	0.417	0.0295	**0.928**	**0.482 J3**	**<0.0107** J4	**0.115** JJ3J4	0.00723 J
	RW-6	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00108	0.000555 J	0.000965 J	**0.199**	<0.000430	<0.00100	<0.000157
	RW-15C	Apr-17		<0.00810	<0.00690	<0.00650	**<0.0104**	<0.00818	**4.19**	0.143	**4.92**	**4.25**	**<0.0250**	**0.383**	0.0168 J
	RW-15C	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	**3.93**	0.114	**2.98**	**3.02**	<0.00100	**<0.500**	0.00683
	RW-15C	Apr-19		<0.00324	<0.00276	<0.00260	<0.00418	<0.00327	**3.03**	0.134	**1.04**	**3.66**	**<0.0100**	**0.173 J4**	0.0134
	RW-19	Apr-24		<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	0.433	0.0586	**0.657**	**3.07**	**<0.00860**	**0.210**	0.0216
South RO Reject Field	MW-114	Mar-23		0.0101	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000450 J	<0.000430	<0.00100	<0.000157
	MW-114	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0141	<0.000430	<0.00100	<0.000157
	MW-114	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00279	<0.000430	<0.00100	<0.000157
	MW-114	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00928	<0.000430	<0.00100	<0.000157
	MW-114	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-114	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-115	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0203	<0.000430	<0.00100	<0.000157
	MW-115	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0220	<0.000430	<0.00100	<0.000157
	MW-115	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0193	<0.000430	<0.00100	<0.000157
	MW-115	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0121	<0.000430	<0.00100	<0.000157
	MW-115	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0169	<0.000430	<0.00100 J4	<0.000157
	MW-115	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	0.0127	<0.00148	<0.00264	<0.000516
	MW-116	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-116	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000105 J	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-116	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-116	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000162 J	<0.000430	<0.000101	<0.000430	<0.00100 C3 J4	<0.000157
	MW-116	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	Chloroform	Chloromethane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloromethane	Ethyl-benzene	Isopropyl-benzene (Cumene)	m,p-Xylene	Methyl tert-butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Butyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0800	0.0203	0.0700	0.00471	0.0800	0.700	0.447	0.193	0.100	0.00500	0.0300	1.00
				CGWSL Source:	USEPA MCL	NMED TW	WQCC HH	USEPA TW	USEPA MCL	WQCC HH	WQCC TW	NMED TW	WQCC Dom	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
South RO Reject Field	MW-144	Mar-23														
	MW-144	Oct-23														
	MW-144	Apr-24														
	MW-144	Oct-24														
	MW-144	Apr-25														
	MW-144	Oct-25														
	MW-163	Oct-24														
	MW-163	Apr-25														
	MW-163	Oct-25														
TEL	MW-49	Mar-23		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.00796 J	0.0389	0.101	**0.145**	<0.00430	<0.0100	0.00485 J
	MW-49	Oct-23		<0.00111	<0.00960	<0.00126	<0.00111 J4	<0.00140	0.0405	0.0610	**0.251**	0.0954	<0.00430	**0.0411 J**	<0.00157
	MW-49	Apr-24		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.0366	0.0584	**0.273**	0.0894	<0.00430	**0.0309 JJ4**	<0.00157
	MW-49	Oct-24		0.0114 J	<0.00960	<0.00126	<0.00111	<0.00140	0.00901 J	0.0370	0.117	0.0905	<0.00430	0.0258 J	0.00640 J
	MW-49	Apr-25		<0.00111	<0.00960 C3	<0.00126	<0.00111	<0.00140	0.00900 J	0.0349	0.106	0.0832	<0.00430	0.0144 J	0.00577 J
	MW-49	Oct-25		<0.0128	<0.0170	<0.00323	<0.00348	<0.00398	0.00802 J	0.0309	0.0969	0.0779	**<0.0148**	<0.0264 C3	<0.00516
	TEL-1	Oct-18		<0.00162	<0.00138	<0.00130	<0.00209	<0.00164	<0.00192	<0.00163	<0.00360	0.00255 J	<0.00500	<0.00500	<0.00180
	TEL-1	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.000481 J	0.000923 J	<0.000719	0.00297	<0.00100	<0.00100	<0.000361
	TEL-1	Oct-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.000750 J	0.00128	0.000880 J	0.00310	<0.00100	<0.00100	<0.000361
	TEL-1	Jun-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000831 J	0.00123	0.00139 J	0.00230	<0.000430	<0.00100	<0.000157
	TEL-2	Oct-18		<0.00810	<0.00690	<0.00650	**<0.0104**	<0.00818	0.0121 J	0.0354	0.123	<0.00918	**<0.0250**	<0.0250	<0.00902
	TEL-2	Apr-19		<0.00324	<0.00276	<0.00260	<0.00418	<0.00327	0.00401 J	0.0254	0.0843	0.00752 J	**<0.0100**	<0.0100	<0.00361
	TEL-2	Oct-19		<0.00324	<0.00276	<0.00260	<0.00418	<0.00327	0.00384 J	0.0202	0.0638	0.00496 J	**<0.0100** J4	<0.0100	<0.00361
	TEL-2	Jun-20		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	0.00152 J	0.0178	0.0489	0.00459 J	<0.00430	<0.0100	<0.00157
	TEL-3	Apr-18		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.00162	0.0556	0.0188	0.0637	<0.00100	<0.00100	0.00174
	TEL-3	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.000779 J	0.0519	0.00717	0.00433	<0.00100	<0.00100	0.00189
	TEL-3	Oct-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	0.000766 J	0.0368	0.0123	0.00175	<0.00100	0.00119 J	0.00152
	TEL-3	Oct-20		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.00262	0.0541	0.0441	0.00419	<0.000430	0.00365 J	0.00244
	TEL-4	Mar-23		<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	<0.00274	0.0108 J	<0.00860	0.00270 J	**<0.00860**	<0.0200	<0.00314
	TEL-4	Mar-23	FD	<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	<0.00274	0.0105 J	<0.00860	<0.00202	**<0.00860**	<0.0200	<0.00314
	TEL-4	Oct-23		<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	0.000167 J	0.00968	0.000497 J	0.000902 J	<0.000430	0.00206 J	<0.000157
	TEL-4	Oct-23	FD	<0.000111	<0.000960	<0.000126	<0.000111 J4	<0.000140	<0.000137	0.0105	0.000596 J	0.00114	<0.000430	0.00190 J	<0.000157
	TEL-4	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000840 J	0.0112	0.000668 J	0.000332 J	<0.000430	0.00107 JJ4	<0.000157
	TEL-4	Apr-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000766 J	0.0111	0.000683 J	0.000373 J	<0.000430	<0.00100 J4	<0.000157
	TEL-4	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000784 J	0.00492	<0.000430	<0.000101	<0.000430	0.00135 J	0.000288 J
	TEL-4	Oct-24	FD	<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	0.000980 J	0.00608	<0.000430	0.000110 J	<0.000430 J4	0.00167 J	0.000670 J
	TEL-4	Apr-25		<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	0.000543 J	0.00277	0.000515 J	0.0111	<0.000430	<0.00100	<0.000157
	TEL-4	Apr-25	FD	<0.000111	<0.000960 C3	<0.000126	<0.000111	<0.000140	0.000608 J	0.00288	0.000478 J	0.0115	<0.000430	<0.00100	<0.000157
	TEL-4	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	0.00757	<0.000549	<0.000357	<0.00148	<0.00264 C3	<0.000516
	TEL-4	Oct-25	FD	<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	0.000873 J	0.00670	<0.000549	<0.000357	<0.00148	<0.00264 C3	<0.000516
TMD	MW-8	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.124**	<0.000430	<0.00100 J4	<0.000157
	MW-8	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.193**	<0.000430	<0.00100	<0.000157
	MW-8	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.222**	<0.000430	<0.00100	<0.000157
	MW-8	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111 C3'J4	<0.000140	<0.000137	<0.000105	<0.000430	**0.116**	<0.000430	<0.00100 C3	<0.000157
	MW-16	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-16	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-16	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-16	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-20	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	0.000287 J	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-20	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-20	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-20	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111 C3 J4	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-21	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0524	<0.000430	<0.00100	<0.000157
	MW-21	Oct-23		<0.000555	<0.00480	<0.000630	<0.000555	<0.000700	<0.000685	<0.000525	<0.00215	**0.234**	<0.00215	<0.00500	<0.000785
	MW-21	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0898	<0.000430	<0.00100	<0.000157
	MW-21	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.155**	<0.000430	<0.00100	<0.000157
	MW-21	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111 C3J4	<0.000140	<0.000137	<0.000105	<0.000430	0.0483	<0.000430	<0.00100 C3	<0.000157
	MW-21	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	<0.000105	<0.000549	**0.190**	<0.00148	<0.00264	<0.000516
	MW-25	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-25	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-25	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-25	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-26	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-26	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-26	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-26	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-27	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-27	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-27	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-27	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-46R	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-46R	Oct-23		<0.000111	<0.000960 J4	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-46R	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-46R	Oct-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-46R	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3 J4	<0.000157
	MW-46R	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348	<0.000398	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516
	MW-68	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-68	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-68	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-68	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-71	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.00706	<0.000430	<0.00100	<0.000157
	MW-71	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000567 J	<0.000430	<0.00100 J4	<0.000157
	MW-71	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000398 J	<0.000430	<0.00100	<0.000157
	MW-71	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000346 J	<0.000430	<0.00100	<0.000157
	MW-89	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-89	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J3J4	<0.000157
	MW-89	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-89	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3	<0.000157
	MW-152	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.221 Q**	<0.000430	<0.00100	<0.000157
	MW-152	Apr-25		<0.00111	<0.00960	<0.00126	<0.00111	<0.00140	<0.00137	<0.00105	<0.00430	**0.444**	<0.00430	<0.0100	<0.00157
	MW-152	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	<0.000105	<0.000549	0.0965	<0.00148	<0.00264	<0.000516
	MW-153	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.191**	<0.000430	<0.00100	<0.000157
	MW-153	Apr-25		<0.000555	<0.00480	<0.000630	<0.000555	<0.000700	<0.000685	<0.000525	<0.00215	**0.190**	<0.00215	<0.00500	<0.000785
	MW-153	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	<0.000105	<0.000549	0.0286	<0.00148	<0.00264	<0.000516
	MW-154	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0735	<0.000430	<0.00100	<0.000157
	MW-154	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0891	<0.000430	<0.00100	<0.000157
	MW-154	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	<0.000105	<0.000549	0.0153	<0.00148	<0.00264	<0.000516
	MW-155	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000995 JQ	<0.000430	<0.00100	<0.000157
	MW-155	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.000348 J	<0.000430	<0.00100 J4	<0.000157
	MW-155	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	<0.000105	<0.000549	0.00475	<0.00148	<0.00264	<0.000516
	MW-156	Oct-24		<0.000111	<0.000960 J3	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	MW-156	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 J4	<0.000157
	MW-156	Oct-25		<0.00128	<0.00170	<0.000323	<0.000348 J4	<0.000398 J4	<0.000234	<0.000105	<0.000549	<0.000357	<0.00148	<0.00264	<0.000516

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	Chloroform	Chloromethane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Dibromo-chloromethane	Ethyl-benzene	Isopropyl-benzene (Cumene)	m,p-Xylene	Methyl tert-butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Butyl-benzene
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0800	0.0203	0.0700	0.00471	0.0800	0.700	0.447	0.193	0.100	0.00500	0.0300	1.00
				CGWSL Source:	USEPA MCL	NMED TW	WQCC HH	USEPA TW	USEPA MCL	WQCC HH	WQCC TW	NMED TW	WQCC Dom	WQCC HH	WQCC HH	USEPA TW
Area	**Well ID**	**Date**	**Dup**													
TMD	NP-1	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.606**	<0.000430	<0.00100	<0.000157
	NP-1	Oct-23		<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	<0.00274	<0.00210	<0.00860	**0.722**	**<0.00860**	<0.0200	<0.00314
	NP-1	Apr-24		<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	<0.00274	<0.00210	<0.00860	**0.377**	**<0.00860**	<0.0200	<0.00314
	NP-1	Oct-24		<0.00222	<0.0192	<0.00252	<0.00222	<0.00280	<0.00274	<0.00210	<0.00860	**0.773**	**<0.00860**	<0.0200	<0.00314
	NP-1	Oct-25		<0.00640	<0.00850	<0.00161	<0.00174	<0.00199	<0.00117	<0.000525	<0.00275	**0.199**	**<0.00740**	<0.0132	<0.00258
	NP-6	Apr-19		<0.000324	<0.000276	<0.000260	<0.000418	<0.000327	<0.000384	<0.000326	<0.000719	0.0729	<0.00100	<0.00100 J3J4	<0.000361
	NP-6	Apr-21		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0407	<0.000430	<0.00100	<0.000157
	NP-6	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	**0.189**	<0.000430	<0.00100	<0.000157
	NP-6	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	0.0170	<0.000430	<0.00100	<0.000157
Up-Gradient	UG-1	Apr-22		0.000149 J	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-1	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-1	Apr-24		0.00167 J	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-1	Apr-25		0.000342 J	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3 J4	<0.000157
	UG-2	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-2	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-2	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-2	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3 J4	<0.000157
	UG-3R	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-3R	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-3R	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-3R	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3 J4	<0.000157
	UG-4	Apr-22		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-4	Mar-23		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-4	Apr-24		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100	<0.000157
	UG-4	Apr-25		<0.000111	<0.000960	<0.000126	<0.000111	<0.000140	<0.000137	<0.000105	<0.000430	<0.000101	<0.000430	<0.00100 C3 J4	<0.000157

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Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene (2-Phenyl-butane)	Styrene	tert-Butyl alcohol (tert-Butanol)	Tetra-chloroethene	Toluene	Total Xylenes	trans-1,2-Dichloroethene	trans-1,3-Dichloro-propene	Tri-chloroethene	Vinyl Chloride
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.660	0.193	2.00	0.100	0.150	0.00500	1.00	0.620	0.100	---	0.00500	0.00200
				CGWSL Source:	USEPA TW	WQCC TW	USEPA TW	WQCC HH	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	---	WQCC HH	WQCC HH
Area	**Well ID**	**Date**	**Dup**													
Cross-Gradient	KWB-13	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-13	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-13	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-13	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-136	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-136	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-136	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-136	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-136	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	MW-149	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-149	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-149	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-149	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-149	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-150	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-150	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-150	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-150	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-150	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	NP-5	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	NP-5	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NP-5	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NP-5	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-3156	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	NP-5	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-3156	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	RA-3156	Jun-20		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-3156	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-3156	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
Evaporation Ponds	MW-1R	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-1R	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-1R	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-1R	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-2A	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-2A	Oct-23													
	MW-2A	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-2A	Oct-24													
	MW-2A	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-2A	Oct-25													
	MW-3	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.00625	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-3	Mar-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	0.00738	<0.000300	<0.000278	<0.000174	<0.000149	0.000312 J	<0.000190	<0.000234
	MW-3	Oct-23													
	MW-3	Oct-23	FD												
	MW-3	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-3	Apr-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	0.00470 J	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-3	Oct-24													
	MW-3	Oct-24	FD												
	MW-3	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	0.0133	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-3	Apr-25	FD	<0.0000993	<0.000174	<0.000125	<0.000118 C3	0.0123	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-3	Oct-25													
	MW-3	Oct-25	FD												
	MW-4A	Mar-23		<0.0000993	<0.000174	0.000196 J	<0.000118	0.0379	<0.000300	<0.000278	0.000512 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-4A	Oct-23													
	MW-4A	Apr-24		<0.0000993	<0.000174	0.000211 J	<0.000118	0.0456	<0.000300	<0.000278	0.000719 J	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-4A	Oct-24													
	MW-4A	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	0.0168	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-4A	Oct-25													
	MW-4B	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-4B	Apr-21		<0.0000993	<0.000174	0.000204 J	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-4B	Mar-23		<0.0000993	<0.000174	0.000138 J	<0.000118	0.0597	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-4B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	0.0359	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-5A	Mar-23		<0.0000993	<0.000174	0.000313 J	<0.000118	0.0273	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-5A	Oct-23													
	MW-5A	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	0.0231	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-5A	Oct-24													
	MW-5A	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	0.0217	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-5A	Oct-25													
	MW-5B	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-5B	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-5B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.0506	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-5B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	0.0556	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-5C	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-5C	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-5C	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-5C	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-6A	Apr-22		0.000163 J	0.00284	<0.000125	<0.000118	0.130	<0.000300	0.00186	0.00554	<0.000149	<0.000118	<0.000190	<0.000234
	MW-6A	Mar-23		0.000129 J	0.00284	0.000132 J	<0.000118	0.0235	<0.000300	0.000850 J	0.00517	<0.000149	<0.000118	<0.000190	<0.000234
	MW-6A	Apr-24		0.000444 J	0.00246	<0.000125	<0.000118	0.0921	<0.000300	0.00563	0.0109	<0.000149	<0.000118	<0.000190	<0.000234
	MW-6A	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-6B	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-6B	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-6B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-6B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7A	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7A	Mar-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	0.00756	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7A	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	0.000908 J	<0.000190	<0.000234
	MW-7A	Oct-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7A	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7A	Apr-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	0.00484 J	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7A	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	0.00660 J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7A	Oct-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	0.00748 J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7A	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	0.00563	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7A	Apr-25	FD	<0.0000993	<0.000174	<0.000125	<0.000118 C3	0.00551	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7A	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496 C3	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-7A	Oct-25	FD	<0.000239	<0.000319	<0.000355	<0.000342	<0.00496 C3	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-7B	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-7B	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-7B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-10	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-10	Oct-23													
	MW-10	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-10	Oct-24													
	MW-10	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-10	Oct-25													
	MW-11A	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-11A	Oct-24													
	MW-11A	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-11A	Oct-25													

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene (2-Phenyl-butane)	Styrene	tert-Butyl alcohol (tert-Butanol)	Tetra-chloroethene	Toluene	Total Xylenes	trans-1,2-Dichloroethene	trans-1,3-Dichloro-propene	Tri-chloroethene	Vinyl Chloride
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.660	0.193	2.00	0.100	0.150	0.00500	1.00	0.620	0.100	---	0.00500	0.00200
				CGWSL Source:	USEPA TW	WQCC TW	USEPA TW	WQCC HH	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	---	WQCC HH	WQCC HH
Area	**Well ID**	**Date**	**Dup**													
Evaporation Ponds	MW-11B	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-11B	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-11B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-11B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-15	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-15	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-15	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-15	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 C3
	MW-18A	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-18A	Oct-23													
	MW-18A	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-18A	Oct-24													
	MW-18A	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 C3
	MW-18A	Oct-25													
	MW-18B	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-18B	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-18B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-18B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 C3
	MW-22A	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.00462 J	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-22A	Mar-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	0.00750	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-22A	Oct-23													
	MW-22A	Oct-23	FD												
	MW-22A	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-22A	Apr-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-22A	Oct-24													
	MW-22A	Oct-24	FD												
	MW-22A	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	0.00802	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-22A	Apr-25	FD	<0.0000993	<0.000174	<0.000125	<0.000118	0.00589	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-22A	Oct-25													
	MW-22A	Oct-25	FD												
	MW-22B	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-22B	Apr-21		<0.0000993	<0.000174	0.000545 J	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-22B	Mar-23		<0.0000993	<0.000174	0.000429 J	<0.000118	0.0477	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-22B	Apr-25		<0.0000993	<0.000174	0.000325 J	<0.000118	0.0174	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-70	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-70	Oct-23													
	MW-70	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-70	Oct-24													
	MW-70	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 C3
	MW-70	Oct-25													
	MW-72	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-72	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-72	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-72	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-73	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	0.00677	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-73	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.0100	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-73	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	0.0132	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-73	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	0.00449 J J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	MW-74	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.0265	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-74	Oct-23													
	MW-74	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	0.0305	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-74	Oct-24													
	MW-74	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	0.0206 C5J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	MW-74	Oct-25													
	MW-75	Mar-23		0.000527 J	<0.000174	0.000596 J	<0.000118	0.0158	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-75	Oct-23													
	MW-75	Apr-24		<0.0199	<0.0348	<0.0250	<0.0236	**<0.812**	**<0.0600**	<0.0556	<0.0348	<0.0298	<0.0236	**<0.0380**	**<0.0468**
	MW-75	Oct-24													
	MW-75	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	0.0111	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-75	Oct-25													
	MW-76	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.0403	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-76	Oct-23													
	MW-76	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	0.0417	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-76	Oct-24													
	MW-76	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	0.0247 C5J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	MW-76	Oct-25													
	MW-77	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	0.0128	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-77	Mar-23		<0.000993	<0.00174	<0.00125	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-77	Apr-24		<0.0199	<0.0348	<0.0250	<0.0236	**<0.812**	**<0.0600**	<0.0556	<0.0348	<0.0298	<0.0236	**<0.0380**	**<0.0468**
	MW-77	Apr-25		<0.0000993	<0.000174	0.000137 J	<0.000118	0.00537	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-78	Apr-22		<0.000993	<0.00174	<0.00125	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-78	Mar-23		<0.000993	<0.00174	<0.00125	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-78	Apr-24		<0.0199	<0.0348	<0.0250	<0.0236	**<0.812**	**<0.0600**	<0.0556	<0.0348	<0.0298	<0.0236	**<0.0380**	**<0.0468**
	MW-78	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-79	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-79	Oct-23													
	MW-79	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-79	Oct-24													
	MW-79	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-79	Oct-25													
	MW-80	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-80	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-80	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-80	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-81	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-81	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-81	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-81	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-82	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-82	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-82	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-82	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	MW-83	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-83	Oct-23													
	MW-83	Apr-24		<0.0199	<0.0348	<0.0250	<0.0236	**<0.812**	**<0.0600**	<0.0556	<0.0348	<0.0298	<0.0236	**<0.0380**	**<0.0468**
	MW-83	Oct-24													
	MW-83	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	0.00905	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-83	Oct-25													
	MW-84	Mar-23		<0.000993	<0.00174	<0.00125	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-84	Oct-23													
	MW-84	Apr-24		<0.000993	<0.00174	<0.00125	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190 J4	**<0.00234**
	MW-84	Oct-24													
	MW-84	Apr-25		<0.000993	<0.00174	<0.00125	<0.00118	<0.0406 J3	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234** J4
	MW-84	Oct-25													
	MW-86	Jun-20		0.00566 J	0.0216	<0.00250	<0.00236		**<0.00600** J4	0.0345	0.0483 J	<0.00298	<0.00236	<0.00380	**<0.00468**
	MW-86	Oct-20		0.00471 J	0.0288	<0.00250	<0.00236		**<0.00600**	0.0435	0.0583 J	<0.00298	<0.00236	<0.00380	**<0.00468**

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene (2-Phenyl-butane)	Styrene	tert-Butyl alcohol (tert-Butanol)	Tetra-chloroethene	Toluene	Total Xylenes	trans-1,2-Dichloroethene	trans-1,3-Dichloro-propene	Tri-chloroethene	Vinyl Chloride
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.660	0.193	2.00	0.100	0.150	0.00500	1.00	0.620	0.100	---	0.00500	0.00200
				CGWSL Source:	USEPA TW	WQCC TW	USEPA TW	WQCC HH	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	---	WQCC HH	WQCC HH
Area	**Well ID**	**Date**	**Dup**													
Evaporation Ponds	MW-87	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-87	Oct-23													
	MW-87	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-87	Oct-24													
	MW-87	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 C3
	MW-87	Oct-25													
	MW-88	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-88	Oct-23													
	MW-88	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-88	Oct-24													
	MW-88	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 C3
	MW-88	Oct-25													
	MW-120	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-120	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-120	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	0.00982	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-120	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 Q
	MW-120	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-120	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496 C3	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-121	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.0100	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-121	Oct-23													
	MW-121	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	0.00637	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-121	Oct-24													
	MW-121	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-121	Oct-25													
	MW-122	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-122	Oct-23													
	MW-122	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-122	Oct-24													
	MW-122	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-122	Oct-25													
	MW-123	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-123	Oct-23													
	MW-123	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-123	Oct-24													
	MW-123	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-123	Oct-25													
	MW-124	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-124	Oct-23													
	MW-124	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-124	Oct-24													
	MW-124	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 C3
	MW-124	Oct-25													
	OCD-1R	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-1R	Oct-23													
	OCD-1R	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-1R	Oct-24													
	OCD-1R	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-1R	Oct-25													
	OCD-2A	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-2A	Oct-23													
	OCD-2A	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-2A	Oct-24													
	OCD-2A	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-2A	Oct-25													
	OCD-3	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-3	Oct-23													
	OCD-3	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-3	Oct-24													
	OCD-3	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-3	Oct-25													
	OCD-4	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-4	Oct-23													
	OCD-4	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-4	Oct-24													
	OCD-4	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-4	Oct-25													
	OCD-5	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-5	Oct-23													
	OCD-5	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-5	Oct-24													
	OCD-5	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-5	Oct-25													
	OCD-6	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-6	Oct-23													
	OCD-6	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-6	Oct-24													
	OCD-6	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	OCD-6	Oct-25													
	OCD-7AR	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.00880	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-7AR	Oct-23													
	OCD-7AR	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	0.0945	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-7AR	Oct-24													
	OCD-7AR	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	0.00562 C5J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	OCD-7AR	Oct-25													
	OCD-7B	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	OCD-7B	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-7B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.00482 J	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-7B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	0.00932 C5J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	OCD-8A	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-8A	Oct-23													
	OCD-8A	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	0.121	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-8A	Oct-24													
	OCD-8A	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-8A	Oct-25													
	OCD-8B	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	OCD-8B	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-8B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	OCD-8B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
Field East of Refinery	KWB-1A	Mar-23		0.00457	0.000415 J	0.00124	<0.000118	<0.00406	<0.000300	<0.000278	0.0339	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-1A	Oct-23		0.00180	0.000468 J	0.00130	<0.000118	<0.00406	<0.000300	<0.000278	0.0269	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-1A	Apr-24		0.00139	0.000420 J	0.00137	<0.000118	<0.00406	<0.000300	0.000413 J	0.0236	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-1A	Oct-24		0.000452 J	<0.000174	0.00115	<0.000118	<0.00406	<0.000300	<0.000278	0.0130	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	KWB-1C	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	KWB-1C	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-1C	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-1C	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene (2-Phenyl-butane)	Styrene	tert-Butyl alcohol (tert-Butanol)	Tetra-chloroethene	Toluene	Total Xylenes	trans-1,2-Dichloroethene	trans-1,3-Dichloro-propene	Tri-chloroethene	Vinyl Chloride
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.660	0.193	2.00	0.100	0.150	0.00500	1.00	0.620	0.100	---	0.00500	0.00200
				CGWSL Source:	USEPA TW	WQCC TW	USEPA TW	WQCC HH	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	---	WQCC HH	WQCC HH
Area	**Well ID**	**Date**	**Dup**													
Field East of Refinery	KWB-3AR	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-3AR	Nov-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	KWB-7	Mar-23		0.0267 J	<0.00870	0.00975 J	<0.00590	**<0.203**	**<0.0150**	<0.0139	<0.00870	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	KWB-7	Oct-23		0.0172	<0.000174	0.0153	<0.000118	0.0126	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	KWB-7	Apr-24		0.0174	<0.000174	0.0149	<0.000118	0.00599	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-7	Oct-24		0.00376	0.000178 J	0.0155	<0.000118	<0.00406	<0.000300	0.000464 J	0.000178 J	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-7	Oct-25		0.0112	<0.000319	0.0122	<0.000342	0.00545 J	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	KWB-8	Apr-17		0.0852 J	0.145	<0.0365	<0.0307		**<0.0372**	0.747	**2.07**	<0.0396	<0.0419	**<0.0398**	**<0.0259**
	KWB-8	Oct-17		0.0217	0.0133	<0.000365	<0.000307		<0.000372	0.336	**0.795**	<0.000396	<0.000419	<0.000398	<0.000259
	KWB-8	Oct-20		0.168 J	0.139 J	<0.0250	<0.0236		**<0.0600**	**1.08**	**4.19**	<0.0298	<0.0236	**<0.0380**	**<0.0468**
	KWB-10R	Apr-17		0.0714	**0.198**	<0.0182	<0.0154		**<0.0186**	0.0605	**0.914**	<0.0198	<0.0210	**<0.0199**	**<0.0130**
	KWB-10R	Oct-17		0.0748	0.112 J	0.0126	<0.000307		<0.000372	0.0588	**0.767**	<0.000396	<0.000419	<0.000398	<0.000259
	KWB-10R	Apr-18		<0.0872	0.0922 J	<0.0912	<0.0768		**<0.0930**	<0.103	0.549 J	<0.0990	<0.105	**<0.0995**	**<0.0648**
	KWB-10R	Oct-18		<0.0872	<0.0852	<0.0912	<0.0768		**<0.0930**	<0.103	<0.265	<0.0990	<0.105	**<0.0995**	**<0.0648**
	KWB-11A	Mar-23		0.000377 J	<0.000174	0.00126	<0.000118	0.0444	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-11A	Oct-23		<0.0000993	<0.000174	0.000462 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-11A	Apr-24		0.000415 J	<0.000174	0.000908 J	<0.000118	0.00879	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-11A	Oct-24		<0.0000993	<0.000174	0.000445 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-11A	Apr-25		0.000307 J	<0.000174	0.000210 J	<0.000118	0.00760	<0.000300	<0.000278	0.000564 J	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-11A	Oct-25		<0.000239	<0.000319	0.000905 J	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	KWB-11B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-11B	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.00488 J	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-11B	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-11B	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-11B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-11B	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	KWB-12A	Sep-21		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-12A	Oct-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 J4	<0.000190	<0.000234
	KWB-12A	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-12A	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-12B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-12B	Mar-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-12B	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-12B	Oct-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-12B	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	0.000544 J	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-12B	Apr-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-12B	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	KWB-12B	Oct-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	KWB-12B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-12B	Apr-25	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-12B	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	KWB-12B	Oct-25	FD	<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	KWB-P4	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	KWB-P4	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-P4	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-P4	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118 C3	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-57	Oct-20		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-57	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-57	Sep-21		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-57	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-58	Oct-17		0.0842	0.00179	0.00872	<0.000307		<0.000372	0.0101	0.222	<0.000396	<0.000419	<0.000398	<0.000259
	MW-58	Apr-18		0.0965	<0.0170	<0.0182	<0.0154		**<0.0186**	<0.0206	0.268	<0.0198	<0.0210	**<0.0199**	**<0.0130**
	MW-58	Oct-18		0.0900	<0.0170	<0.0182	<0.0154		**<0.0186**	<0.0206	<0.0530	<0.0198	<0.0210	**<0.0199**	**<0.0130** J3
	MW-58	Oct-19		0.0676	0.0119	0.0105	<0.00307		<0.00372	0.0141 J4	0.407	<0.00396	<0.00419	<0.00398	**<0.00259**
	MW-111	Oct-18		<0.00872	<0.00852	<0.00912	<0.00768		**<0.00930**	<0.0103	<0.0265	<0.00990	<0.0105	**<0.00995**	**<0.00648**
	MW-111	Apr-19		0.00424	<0.000341	0.000668 J	<0.000307		<0.000372	0.000523 J	0.00523	<0.000396	<0.000419	<0.000398	<0.000259
	MW-111	Oct-19		<0.000349	0.000929 J	<0.000365	<0.000307		<0.000372	<0.0103	0.0109	<0.000396	<0.000419	<0.000398	<0.000259
	MW-111	Jun-20		0.00411 J	<0.00435	<0.00313	<0.00295		**<0.00750**	<0.00695	0.0148 J	<0.00373	<0.00295	<0.00475	**<0.00585**
	MW-112	Nov-14		0.100	**0.600**	0.00910 J	<0.00770		**<0.00930**	0.730	**2.00**	<0.00990	<0.0100	**<0.0100**	**<0.00650**
	MW-113	Mar-23		0.00881	0.000295 J	0.00221	0.000287 J	<0.00406	<0.000300	0.00115	0.0428	<0.000149	<0.000118	<0.000190	<0.000234
	MW-113	Mar-23	FD	0.0115	0.000386 J	0.00298	0.000285 J	<0.00406	<0.000300	0.00133	0.0540	<0.000149	<0.000118	<0.000190	<0.000234
	MW-113	Oct-23		0.249	<0.00870	0.0326 J	<0.00590	**<0.203**	**<0.0150**	0.0641	**0.848**	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	MW-113	Oct-23	FD	0.248	<0.00870	<0.00625	<0.00590	**<0.203**	**<0.0150**	0.0633	**0.826**	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	MW-113	Apr-24		0.00561	<0.000870	0.00186 J	<0.000590	<0.0203	<0.00150	0.00197 J	0.0690	<0.000745	<0.000590	<0.000950	<0.00117
	MW-113	Apr-24	FD	0.00552	0.000310 J	0.00173	<0.000118	<0.00406 J3	<0.000300	0.00132	0.0555	<0.000149	<0.000118	<0.000190	<0.000234
	MW-113	Oct-24		0.205	<0.0174	0.0183 J	<0.0118	**<0.406**	**<0.0300**	0.0624 J	**0.680**	<0.0149	<0.0118	**<0.0190**	**<0.0234**
	MW-113	Oct-24	FD	0.157	<0.00348	0.0167 J	<0.00236	<0.0812	**<0.00600**	0.0534	**0.640**	<0.00298	<0.00236	<0.00380	**<0.00468**
	MW-113	Apr-25		0.0182	<0.00174	0.00300 J	<0.00118	<0.0406	<0.00300	0.00418 J	0.0671	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-113	Apr-25	FD	0.0207	0.000404 J	0.00232	0.000223 J	<0.00406 C3	<0.000300	0.00335	0.0583	<0.000149	<0.000118	<0.000190	<0.000234
	MW-113	Oct-25		0.00687	<0.000319	0.00113	<0.000342	<0.00496	<0.000358	0.00201	0.0317	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-113	Oct-25	FD	0.00761	<0.000319	0.00125	<0.000342	<0.00496	<0.000358	0.00217	0.0350	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-125	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-125	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-125	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-125	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-125	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-125	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	MW-126A	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-126A	Oct-19		0.00532	<0.000341	0.00286	<0.000307		<0.000372	0.00168	0.00569	<0.000396	<0.000419	<0.000398	<0.000259
	MW-126A	Jun-20		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-126A	Oct-20		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-126B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-126B	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-126B	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-126B	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-126B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-126B	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	MW-127	Oct-17		0.0185	0.00373	0.00319	<0.000307		<0.000372	0.0396	0.0482	<0.000396	<0.000419	<0.000398	<0.000259
	MW-127	Apr-18		0.0255	<0.00682	<0.00730	<0.00614		**<0.00744**	0.0424	0.0654	<0.00792	<0.00838	**<0.00796**	**<0.00518**
	MW-127	Oct-18		0.0258	<0.00682	<0.00730	<0.00614		**<0.00744**	0.0397	0.0458 J	<0.00792	<0.00838	**<0.00796**	**<0.00518**
	MW-127	Apr-19		0.0261	<0.00682	<0.00730	<0.00614		**<0.00744**	0.0261	0.0933	<0.00792	<0.00838	**<0.00796**	**<0.00518**
	MW-128	Oct-17		0.00170	<0.000341	0.000380 J	<0.000307		<0.000372	0.000781 J	0.00336	<0.000396	<0.000419	<0.000398	<0.000259
	MW-128	Apr-18		<0.00698	<0.00682	<0.00730	<0.00614		**<0.00744**	<0.00824	<0.0212	<0.00792	<0.00838	**<0.00796**	**<0.00518**
	MW-128	Oct-18		0.00759 J	<0.00682	<0.00730	<0.00614		**<0.00744**	<0.00824	<0.0212	<0.00792	<0.00838	**<0.00796**	**<0.00518**
	MW-128	Apr-19		<0.00698	<0.00682	<0.00730	<0.00614		**<0.00744**	<0.00824	<0.0212	<0.00792	<0.00838	**<0.00796**	**<0.00518**
	MW-129	Apr-15		0.000956 J	0.00112	0.00102	<0.000310		<0.000370	<0.000780	0.00357	<0.000400	<0.000420	<0.000400	<0.000260
	MW-129	Oct-15		<0.0349	<0.0341	<0.0365	<0.0307		**<0.0372**	<0.0780	<0.106	<0.0396	<0.0419	**<0.0398**	**<0.0259**
	MW-129	Apr-17		<0.000349	<0.000341	0.000928 J	<0.000307		<0.000372	0.000543 J	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-129	Apr-18		<0.000349	<0.000341	0.000419 J	<0.000307		<0.000372	0.000816 J	0.00125 J	<0.000396	<0.000419	<0.000398	<0.000259
	MW-130	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-130	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-130	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-130	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	MW-130	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	MW-130	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene (2-Phenyl-butane)	Styrene	tert-Butyl alcohol (tert-Butanol)	Tetra-chloroethene	Toluene	Total Xylenes	trans-1,2-Dichloroethene	trans-1,3-Dichloro-propene	Tri-chloroethene	Vinyl Chloride
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.660	0.193	2.00	0.100	0.150	0.00500	1.00	0.620	0.100	---	0.00500	0.00200
				CGWSL Source:	USEPA TW	WQCC TW	USEPA TW	WQCC HH	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	---	WQCC HH	WQCC HH
Area	**Well ID**	**Date**	**Dup**													
Field East of Refinery	MW-131	Apr-17		0.0338	0.0406	0.00331	<0.000307		<0.000372	0.153	0.114	<0.000396	<0.000419	<0.000398	<0.000259
	MW-131	Oct-17		0.0262	<0.0852	0.00286	<0.000307		<0.000372	0.0627	<0.265	<0.000396	<0.000419	<0.000398	<0.000259
	MW-131	Oct-19		0.0141	**0.312**	0.00315	<0.000307		<0.000372	0.232	**0.993**	<0.000396	<0.000419	<0.000398	<0.000259
	MW-131	Jun-20		0.0121 J	**0.242**	<0.00625	<0.00590		**<0.0150**	0.150	**0.786**	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	MW-133	Nov-14		0.0840 J	0.0380 J	<0.0360	<0.0310		**<0.0370**	0.100 J	0.220 J	<0.0400	<0.0420	**<0.0400**	**<0.0260**
	MW-133	Apr-15		0.0451 J	<0.0340	<0.0360	<0.0310		**<0.0370**	<0.0780	<0.110	<0.0400	<0.0420	**<0.0400**	**<0.0260**
	MW-134	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-134	Mar-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-134	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-134	Oct-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-134	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-134	Apr-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-134	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-134	Oct-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	MW-134	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-134	Apr-25	FD	0.000177 J	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	0.000435 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-134	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-134	Oct-25	FD	<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-135	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-135	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-135	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-135	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-135	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-135	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-145	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-145	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-145	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-145	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-145	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-145	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-146	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-146	Mar-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-146	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-146	Oct-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-146	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-146	Apr-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-146	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-146	Oct-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-146	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-146	Apr-25	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-146	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-146	Oct-25	FD	<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-147	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-147	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-147	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-147	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-147	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-148	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-148	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-148	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-148	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-148	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-148	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-151	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-151	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-160	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	MW-160	Apr-25		<0.000993	<0.00174	<0.00125	<0.00118	<0.0406 C3	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-160	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	MW-161	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-161	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-161	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	RA-1227	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-4196	Oct-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	RA-4196	Jun-20		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-4196	Oct-20		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-4196	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-4196R	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-4196R	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-4196R	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-4196R	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-4196R	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458
	RA-4798	Oct-20		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-4798	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-4798	Sep-21		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-4798	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RW-12R	Apr-17		0.0809	0.00177 J	0.0104	<0.00154		<0.00186	0.00354 J	0.0257	<0.00198	<0.00210	<0.00199	<0.00130
	RW-12R	Apr-18		0.0634	<0.000341	0.00564	<0.000307		<0.000372	0.00157	0.00648	<0.000396	<0.000419	<0.000398	<0.000259
	RW-12R	Apr-19		0.0279	0.000476 J	0.00360	<0.000307		<0.000372	0.000866 J	0.00643	<0.000396	<0.000419	<0.000398	<0.000259
	RW-12R	Jun-20		0.0304	0.000522 J	0.00414	<0.000118		<0.000300	0.000997 J	0.00605	<0.000149	<0.000118	<0.000190	<0.000234
	RW-13R	Apr-18		0.0319	0.00159	0.00378	<0.000307		<0.000372	0.00322	0.0299	<0.000396	<0.000419	<0.000398	<0.000259
	RW-13R	Mar-23		0.147	0.0988	0.0142 J	<0.00590	**<0.203**	**<0.0150**	0.293	**1.33**	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	RW-13R	Apr-25		**4.81**	**13.9**	0.819	<0.0295	**<1.02**	**<0.0750**	**12.5**	**56.2**	<0.0373	<0.0295	**<0.0475**	**<0.0585**
	RW-18A	Apr-18		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	RW-18A	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	RW-18A	Jun-20		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RW-18A	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RW-20B	Apr-15		0.0980	0.0590	0.00931 J	<0.00310		<0.00370	0.211	**1.35**	<0.00400	<0.00420	<0.00400	**<0.00260**
	RW-22	Apr-15		0.103	0.0952	0.00967 J	<0.00310		<0.00370	0.216	**0.945**	<0.00400	<0.00420	<0.00400	**<0.00260**
NCL	MW-18	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-18	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 J3	<0.000190	<0.000234
	MW-18	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-18	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-45	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-45	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-45	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-45	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-45	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	MW-45	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496 C3	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-53	Apr-15		<0.000350	<0.000340	<0.000360	<0.000310		<0.000370	<0.000780	<0.00110	<0.000400	<0.000420	<0.000400	<0.000260
	MW-53	Apr-17		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-53	Apr-18		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-53	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-53R	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-53R	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 J3	<0.000190	<0.000234
	MW-53R	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-53R	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene (2-Phenyl-butane)	Styrene	tert-Butyl alcohol (tert-Butanol)	Tetra-chloroethene	Toluene	Total Xylenes	trans-1,2-Dichloroethene	trans-1,3-Dichloro-propene	Tri-chloroethene	Vinyl Chloride
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.660	0.193	2.00	0.100	0.150	0.00500	1.00	0.620	0.100	---	0.00500	0.00200
				CGWSL Source:	USEPA TW	WQCC TW	USEPA TW	WQCC HH	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	---	WQCC HH	WQCC HH
Area	**Well ID**	**Date**	**Dup**													
NCL	MW-54A	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-54A	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-54A	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-54A	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 Q
	MW-54A	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-54A	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-54B	Apr-19		<0.000349 J4	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-54B	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-54B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-54B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	MW-55	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.111	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 J3	<0.000190	<0.000234
	MW-55	Oct-23		<0.000993	<0.00174	<0.00125	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-55	Apr-24		<0.000993	<0.00174	<0.00125	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-55	Oct-24		<0.000993	<0.00174	<0.00125	<0.00118 J4	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-55	Apr-25		<0.000993	<0.00174	<0.00125	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-55	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-56	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-56	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-56	Oct-24													
	MW-56	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	0.000796 J	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-56	Oct-25													
	MW-108	Mar-23		0.0147	0.000278 J	0.00687	<0.000118	<0.00406	<0.000300	0.000628 J	0.00613	<0.000149	<0.000118 J3	<0.000190	<0.000234
	MW-108	Oct-23		0.00696	<0.000174	0.00200	<0.000118	<0.00406	<0.000300	0.000304 J	0.00133 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-108	Apr-24		0.00634	<0.000174	0.00260	<0.000118	<0.00406	<0.000300	<0.000278	0.000808 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-108	Oct-24		0.00384	<0.000174	0.00207	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 Q
	MW-108	Apr-25		0.000890 J	<0.000174	0.00168	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-108	Oct-25		0.000897 J	<0.000319	0.00186	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	NCL-31	Mar-23		0.000333 J	<0.000174	0.000205 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 J3	<0.000190	<0.000234
	NCL-31	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-31	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-31	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 Q
	NCL-31	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-31	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	NCL-32	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 J3	<0.000190	<0.000234
	NCL-32	Oct-23		<0.0000993	0.000375 J	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	0.000945 J	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-32	Apr-24		0.000108 J	0.000268 J	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	0.000959 J	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-32	Oct-24		<0.0000993	0.000291 J	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	0.000807 J	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-32	Apr-25		<0.0000993	0.000395 J	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	0.00131 J	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-32	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	NCL-33	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 J3	<0.000190	<0.000234
	NCL-33	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-33	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 J3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-33	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 Q
	NCL-33	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-33	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	NCL-34A	Oct-18		0.0768	<0.00341	0.0136	<0.00307		<0.00372	<0.00412	0.0266 J	<0.00396	<0.00419	<0.00398	**<0.00259**
	NCL-34A	Apr-19		0.0780	<0.00682	0.0159 J	<0.00614		**<0.00744**	<0.00824	<0.0212	<0.00792	<0.00838	**<0.00796**	**<0.00518**
	NCL-34A	Oct-19		0.0953	<0.00170	0.0158	<0.00154		<0.00186	<0.00206	0.0175	<0.00198	<0.00209	<0.00199	<0.00130
	NCL-34A	Jun-20		0.0686	<0.00348	0.0164 J	<0.00236		**<0.00600**	<0.00556	0.0335 J	<0.00298	<0.00236	<0.00380	**<0.00468**
	NCL-44	Mar-23		<0.0000993	<0.000174	0.000197 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 J3	<0.000190	<0.000234
	NCL-44	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-44	Apr-24		<0.0000993	<0.000174	0.000252 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-44	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-44	Apr-25		<0.0000993	<0.000174	0.000194 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-44	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	NCL-49	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-49	Mar-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-49	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-49	Oct-23	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-49	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-49	Apr-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NCL-49	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 Q
	NCL-49	Oct-24	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 Q
	NCL-49	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	NCL-49	Apr-25	FD	<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 J4
	NCL-49	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	NCL-49	Oct-25	FD	<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
North Refinery	MW-23	Apr-19		0.251 J4	<0.0341	<0.0365	<0.0307		**<0.0372**	<0.0412	<0.106	<0.0396	<0.0419	**<0.0398**	**<0.0259**
	MW-23	Oct-19		0.123	<0.00341	0.0129	<0.00307		<0.00372	<0.00412	<0.0106	<0.00396	<0.00419	<0.00398	**<0.00259**
	MW-23	Jun-20		0.165	<0.00174	0.0132	<0.00118		<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-23	Oct-20		0.153	<0.00174	0.0128	<0.00118		<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190 J4	**<0.00234**
	MW-29	Oct-22		<0.0000993	<0.000174	0.000347 J	<0.000118	0.0155	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 J4	<0.000190	<0.000234 J3
	MW-29	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.0104	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-29	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-29	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-39	Apr-19		0.0162 J4	0.0196	0.00441	<0.000307		<0.000372	0.00189	0.0550	<0.000396	<0.000419	<0.000398	<0.000259
	MW-39	Oct-19		0.00902	0.0149	0.00293	<0.000307		<0.000372	0.00336 J4	0.0412	<0.000396	<0.000419	<0.000398	<0.000259
	MW-39	Jun-20		0.00630	0.00886	0.00293	<0.000118		<0.000300	0.00195	0.0321	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-39	Oct-20		0.00123	0.00588	0.00199	<0.000118		<0.000300	0.000978 J	0.0174	<0.000149	<0.000118	<0.000190 J4	<0.000234
	MW-40	Apr-17		0.00806	<0.000341	0.0167	<0.000307		<0.000372	0.000732 J	0.0117	<0.000396	<0.000419	<0.000398	<0.000259
	MW-40	Apr-18		0.00369	<0.000341	0.0182	<0.000307		<0.000372	0.000543 J	0.00619	<0.000396	<0.000419	<0.000398	<0.000259
	MW-40	Apr-19		0.00305	<0.000341	0.0150	<0.000307		<0.000372	<0.000412	0.00157 J	<0.000396	<0.000419	<0.000398	<0.000259
	MW-40	Jun-20		0.00210	<0.000174	0.0121	<0.000118		<0.000300	0.000363 J	0.00241 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-41	Apr-18		<0.000349	<0.000341	0.00191	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-41	Apr-19		0.000966 J	<0.000341	0.00451	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-41	Jun-20		0.00135	<0.000174	0.00196	<0.000118		<0.000300	0.000350 J	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-41	Apr-21		0.00170	<0.000174	0.00140	<0.000118		<0.000300	0.000301 J	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-42	Apr-19		0.00884	<0.00170	0.00496 J	<0.00154		<0.00186	<0.00206	0.0226	<0.00198	<0.00210	<0.00199	<0.00130
	MW-42	Jun-20		0.0107	<0.000870	0.00446 J	<0.000590		<0.00150	0.00172 J	0.0535	<0.000745	<0.000590	<0.000950	<0.00117
	MW-42	Apr-21		0.00361 J	<0.000870	0.00389 J	<0.000590		<0.00150	<0.00139	0.00852 J	<0.000745	<0.000590	<0.000950	<0.00117
	MW-42	Apr-22		0.00796	<0.000870	0.00467 J	<0.000590	0.0669	<0.00150	<0.00139	0.0187	<0.000745	<0.000590	<0.000950	<0.00117
	MW-43	Apr-19		0.102 JJ4	<0.0682	<0.0730	<0.0614		**<0.0744**	<0.0824	**0.744**	<0.0792	<0.0838	**<0.0796**	**<0.0518**
	MW-43	Oct-19		<0.0698	<0.0682	<0.0730	<0.0614		**<0.0744**	<0.0824	0.610	<0.0792	<0.0838	**<0.0796**	**<0.0518**
	MW-43	Jun-20		0.0569	0.00925 J	0.00578 J	<0.00236		**<0.00600** J4	0.0224	**0.712**	<0.00298	<0.00236	<0.00380	**<0.00468**
	MW-43	Oct-20		0.0559	0.0510	<0.00625	<0.00590		**<0.0150**	0.0676	**0.903**	<0.00745	<0.00590	**<0.00950** J4	**<0.0117**
	MW-59	Apr-17		0.000538 J	<0.000341	0.00297	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-59	Apr-18		0.00246	<0.000341	0.00348	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-59	Apr-19		0.000636 J	<0.000341	0.00301	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-59	Jun-20		0.000566 J	<0.000174	0.00133	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-60	Jun-20		0.000862 J	<0.000174	0.00171	<0.000118		<0.000300	<0.000278	0.00157 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-60	Jun-20	FD	0.000948 J	<0.000174	0.00163	<0.000118		<0.000300	<0.000278	0.00194 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-60	Oct-20		0.00120	<0.000174	0.00254	<0.000118		<0.000300	<0.000278	0.00238 J	<0.000149	<0.000118 J4	<0.000190	<0.000234
	MW-60	Oct-20	FD	0.00136	<0.000174	0.00303	<0.000118		<0.000300	<0.000278	0.00224 J	<0.000149	<0.000118	<0.000190	<0.000234

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene (2-Phenyl-butane)	Styrene	tert-Butyl alcohol (tert-Butanol)	Tetra-chloroethene	Toluene	Total Xylenes	trans-1,2-Dichloroethene	trans-1,3-Dichloro-propene	Tri-chloroethene	Vinyl Chloride
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.660	0.193	2.00	0.100	0.150	0.00500	1.00	0.620	0.100	---	0.00500	0.00200
				CGWSL Source:	USEPA TW	WQCC TW	USEPA TW	WQCC HH	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	---	WQCC HH	WQCC HH
Area	Well ID	Date	Dup													
North Refinery	MW-61	Mar-23		0.103	<0.00870	0.00995 J	<0.00590	**<0.203**	**<0.0150**	0.125	0.574	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	MW-61	Oct-23		0.136	0.00648 J	0.0123	<0.00118	<0.0406	<0.00300	0.153	**0.817**	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-61	Apr-24		0.140	0.00882 J	0.0137 J	<0.00236	<0.0812	**<0.00600**	0.164	**0.901**	<0.00298	<0.00236	<0.00380	**<0.00468**
	MW-61	Oct-24		0.0959	0.0109	0.0123	<0.00118	<0.0406	<0.00300	0.138	0.615	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-61	Apr-25		0.105	<0.00870	0.00939 J	<0.00590	**<0.203**	**<0.0150**	0.117	**0.673**	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	MW-61	Oct-25		0.151	<0.0159	<0.0178	<0.0171	**<0.248**	**<0.0179**	0.108	**0.716**	<0.0174	<0.0157	**<0.0192**	**<0.0229**
	MW-62	Oct-20		0.114	0.00538 J	0.00881 J	<0.00236		**<0.00600**	<0.00556	**0.762**	<0.00298	<0.00236	<0.00380 J4	**<0.00468**
	MW-62	Sep-21		0.327	0.0261 J	0.0353 J	<0.00590	**<0.203**	**<0.0150**	0.0236 J	**2.37**	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	MW-62	Apr-22		0.311	0.0196 J	0.0422 J	<0.00590	**<0.203**	**<0.0150**	0.0155 J	**1.79**	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	MW-62	Oct-22		0.192	0.00957 J	0.0326 J	<0.00590	**<0.203**	**<0.0150**	<0.0139	**0.978**	<0.00745	<0.00590 J4	**<0.00950**	**<0.0117** J3
	MW-62R	Apr-21		0.186	<0.00870	0.0215 J	<0.00590		**<0.0150**	<0.0139	<0.00870	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	MW-62R	Apr-22		0.187	<0.00174	0.0209	<0.00118	0.0510	<0.00300	<0.00278	0.0187 J	<0.00149	<0.00118	**0.00996 J**	**<0.00234**
	MW-62R	Mar-23		0.229	<0.0174	<0.0125	<0.0118	**<0.406**	**<0.0300**	<0.0278	<0.0174	<0.0149	<0.0118	**<0.0190**	**<0.0234**
	MW-62R	Apr-24		0.254	0.000712 J	0.0241	<0.000118	0.0302	<0.000300	0.00123	0.0270	<0.000149	<0.000118	<0.000190	<0.000234
	MW-67	Oct-17		0.00976	<0.000341	0.00570	<0.000307		<0.000372	0.00140	0.00245 J	<0.000396	<0.000419	0.000515 J	<0.000259
	MW-67	Apr-18		0.0323	<0.00170	0.00834	<0.00154		<0.00186	0.00261 J	0.00916 J	<0.00198	<0.00210	<0.00199	<0.00130
	MW-67	Oct-18		0.00387	<0.000341	0.00450	<0.000307		<0.000372	<0.000412	0.00113 J	<0.000396	<0.000419	0.000424 J	<0.000259
	MW-67	Apr-19		0.0188 J4	<0.00170	0.00779	<0.00154		<0.00186	<0.00206	<0.00530	<0.00198	<0.00210	<0.00199	<0.00130
	MW-90	Mar-23		0.00581 J	<0.00174	0.00656 J	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-90	Oct-23		0.00285	0.000212 J	0.00634	<0.000118	<0.00406	<0.000300	<0.000278	0.000212 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-90	Apr-24		0.00716	0.000432 J	0.0104	<0.000118	<0.00406	<0.000300	0.000393 J	0.000432 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-90	Oct-24		0.00412	<0.000174	0.0102	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 Q
	MW-90	Apr-25		0.00255	0.000260 J	0.00863	<0.000118	<0.00406	<0.000300	<0.000278	0.000260 J	<0.000149 J4	<0.000118	<0.000190	<0.000234
	MW-90	Oct-25		0.00721	0.000346 J	0.00912	<0.000342	<0.00496	<0.000358	0.000529 J	0.000346 J	<0.000348	<0.000313	<0.000383	<0.000458
	MW-91	Oct-18		0.0792 J	0.164	<0.0365	<0.0307		**<0.0372**	**1.24**	**0.716**	<0.0396	<0.0419	**<0.0398**	**<0.0259**
	MW-91	Apr-19		0.104 J4	0.187	<0.0365	<0.0307		**<0.0372**	**1.94**	**0.799**	<0.0396	<0.0419	**<0.0398**	**<0.0259**
	MW-91	Oct-19		0.112	**0.548**	<0.0365	<0.0307		**<0.0372**	**7.07 J4**	**2.12**	<0.0396	<0.0419	**<0.0398**	**<0.0259**
	MW-91	Jun-20		0.114	**0.649**	<0.0125	<0.0118		**<0.0300**	**6.95**	**2.50**	<0.0149	<0.0118	**<0.0190**	**<0.0234**
	MW-93	Apr-17		0.0491	<0.00852	<0.00912	<0.00768		**<0.00930**	<0.0103	0.326	<0.00990	<0.0105	**<0.00995**	**<0.00648**
	MW-93	Apr-18		0.0492	0.00452	0.00564	<0.000307		<0.000372	0.00797	0.336	<0.000396	<0.000419	<0.000398	<0.000259
	MW-93	Apr-19		0.0695 J4	0.00409	0.00716	<0.000307		<0.000372	0.00748	0.303	<0.000396	<0.000419	<0.000398	<0.000259
	MW-93	Jun-20		0.0394	<0.00348	<0.00250	<0.00236		**<0.00600**	0.0123 J	0.296	<0.00298	<0.00236	<0.00380	**<0.00468**
	MW-94	Nov-14		0.130	**0.400**	0.0400	<0.00610		**<0.00740**	0.700	**0.710**	<0.00790	<0.00840	**<0.00800**	**<0.00520**
	MW-94	Oct-15		0.0923	**0.360**	0.0283	<0.00307		<0.00372	0.553	0.574	<0.00396	<0.00419	<0.00398	**<0.00259**
	MW-94	Apr-17		0.0909	**0.292**	0.0317	<0.00768		**<0.00930**	0.435	0.460	<0.00990	<0.0105	**<0.00995**	**<0.00648**
	MW-95	Apr-17		<0.000349	<0.000341	0.00240	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-95	Apr-18		0.000352 J	<0.000341	0.00305	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-95	Apr-19		<0.000349 J4	<0.000341	0.00239	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	MW-95	Jun-20		0.000158 J	<0.000174	0.00247	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-96	Mar-23		0.116 J	<0.174	<0.125	**<0.118**	**15.5**	**<0.300**	<0.278	<0.174	**<0.149**	<0.118 J3	**<0.190**	**<0.234**
	MW-96	Oct-23		0.0421	<0.00174	0.00648 J	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-96	Apr-24		0.0569	0.000638 J	0.00969	<0.000118	**<1.02** J3	<0.000300	0.000829 J	0.00138 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-96	Oct-24		<0.0993	<0.174	<0.125	**<0.118** J4	**<4.06**	**<0.300**	<0.278	<0.174	**<0.149**	<0.118	**<0.190**	**<0.234**
	MW-96	Apr-25		<0.0993	<0.174	<0.125	**<0.118**	**<4.06**	**<0.300**	<0.278	<0.174	**<0.149**	<0.118	**<0.190**	**<0.234**
	MW-96	Oct-25		<0.239	**<0.319**	<0.355	**<0.342**	**<4.96**	**<0.358**	<0.274	<0.319	**<0.348**	<0.313	**<0.383**	**<0.458**
	MW-98	Mar-23		0.125 J	<0.0348	<0.0250	<0.0236	**<0.812**	**<0.0600**	0.171 J	**1.41**	<0.0298	<0.0236	**<0.0380**	**<0.0468**
	MW-98	Oct-23		0.148	0.0281	0.0134	<0.00118	<0.0406	<0.00300	0.169	**1.38**	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-98	Apr-24		0.0997	0.0229 J	0.0125 J	<0.00590	**<0.203**	**<0.0150**	0.114	**1.01**	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	MW-98	Oct-24		0.129	0.0237 J	0.0186 J	<0.00590	**<0.203**	**<0.0150**	0.0997	**0.898**	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	MW-98	Apr-25		0.134	0.0177 J	0.0120 J	<0.00590	**<0.203** J3	**<0.0150**	0.0956	**0.937**	<0.00745	<0.00590	**<0.00950**	**<0.0117** J4
	MW-98	Oct-25		0.162	0.0188 J	<0.0178	<0.0171	**<0.248**	**<0.0179**	0.0851	**0.927**	<0.0174	<0.0157	**<0.0192**	**<0.0229**
	MW-137	Oct-17		0.180 J	**0.265**	<0.0730	<0.0614		**<0.0744**	**1.54**	**1.16**	<0.0792	<0.0838	**<0.0796**	**<0.0518**
	MW-137	Apr-18		0.162 J	**0.398**	<0.0730	<0.0614		**<0.0744**	**1.83**	**1.30**	<0.0792	<0.0838	**<0.0796**	**<0.0518**
	MW-137	Oct-18		0.101 J	0.165 J	<0.0730	<0.0614		**<0.0744**	0.977	**0.688**	<0.0792	<0.0838	**<0.0796**	**<0.0518**
	MW-137	Apr-19		0.127 JJ4	**0.274**	<0.0730	<0.0614		**<0.0744**	**1.28**	**0.821**	<0.0792	<0.0838	**<0.0796**	**<0.0518**
	MW-138	Oct-17		0.0697	<0.00170	0.0119	<0.00154		<0.00186	0.00577	0.00565 J	<0.00198	<0.00210	<0.00199	<0.00130
	MW-138	Apr-18		0.0680	0.00541	0.0111	<0.00154		<0.00186	0.0128	0.0492	<0.00198	<0.00210	<0.00199	<0.00130
	MW-138	Oct-18		0.0724	0.00635	0.00906	<0.00154		<0.00186	0.00806	0.115	<0.00198	<0.00210	<0.00199	<0.00130
	MW-138	Apr-19		0.108 J4	0.00315 J	0.0155	<0.00154		<0.00186	0.00480 J	0.100	<0.00198	<0.00210	<0.00199	<0.00130
	MW-157	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	MW-157	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	**<0.406**	<0.000300	<0.000278	<0.000174	<0.000149 J4	<0.000118	<0.000190	<0.000234
	MW-157	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496 C3	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	RW-1	Apr-15		0.0175 J	<0.0170	<0.0180	<0.0150		**<0.0190**	<0.0390	<0.0530	<0.0200	<0.0210	**<0.0200**	**<0.0130**
	RW-1	Apr-17		0.00361 J	<0.00341	0.00414 J	<0.00307		<0.00372	0.0102	<0.0106	0.0108	<0.00419	**0.00896 J**	**<0.00259**
	RW-1	Apr-18		0.0336	0.00282	0.00486	<0.000307		0.00413	0.0176	0.0855	0.0173	<0.000419	**0.0169**	0.00131
	RW-1	Apr-19		0.0296 J4	0.00412	0.00418	<0.000307		0.00384	0.0221	0.0844	0.0226	<0.000419	**0.0237**	<0.000259
	RW-2	Apr-17		0.0816	0.0183 J	<0.0182	<0.0154		**0.0218 J**	0.0430 J	0.431	<0.0198	<0.0210	**0.0249 J**	**<0.0130**
	RW-2	Apr-18		0.104	0.00601	0.0148	<0.000307		0.00335	0.0312	0.446	0.00825	<0.000419	**0.00521**	<0.000259
	RW-2	Mar-23		0.0491	0.0103 J	0.0131 J	<0.00236	<0.0812	**0.102**	0.0248	0.0737	0.0118 J	<0.00236	**0.200**	**0.228**
	RW-2	Apr-25		0.00114 J	<0.000870	<0.000625	<0.000590	<0.0203 C3	**0.135**	<0.00139	<0.000870	<0.000745	<0.000590	**0.0158**	**0.00941 C5**
	RW-7	Apr-17		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	RW-7	Apr-18		0.00280	0.00114	0.00386	<0.000307		<0.000372	0.00106	0.00545	<0.000396	<0.000419	<0.000398	<0.000259
	RW-7	Apr-19		0.000916 JJ4	<0.000341	0.00256	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	RW-7	Jun-20		0.00235	0.000305 J	0.00389	<0.000118		<0.000300	0.000397 J	0.00240 J	<0.000149	<0.000118	<0.000190	<0.000234
	RW-8	Apr-15		0.00788 J	<0.00340	0.00942 J	<0.00310		<0.00370	<0.00780	<0.0110	<0.00400	<0.00420	<0.00400	**<0.00260**
	RW-8	Apr-17		0.0191	0.0112	0.0117	<0.000307		<0.000372	0.00213	0.0498	<0.000396	<0.000419	0.00110	<0.000259
	RW-9	Apr-22		0.00540 J	<0.00174	0.0218	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	RW-9	Mar-23		<0.000993	<0.00174	0.00504 J	<0.00118	**0.165**	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	RW-9	Apr-24		<0.000993	<0.00174	0.0126	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	RW-9	Apr-25		<0.000993	<0.00174	0.0115	<0.00118	<0.0406	<0.00300	<0.00278	0.00594 J	<0.00149	<0.00118	<0.00190	**<0.00234**
	RW-10	Apr-18		<0.000349	0.00346	0.000567 J	<0.000307		<0.000372	0.00163	0.00474	<0.000396	<0.000419	<0.000398	<0.000259
	RW-10	Apr-19		<0.000349	0.00272	<0.000365	<0.000307		<0.000372	0.00135	0.00369	<0.000396	<0.000419	<0.000398	<0.000259
	RW-10	Jun-20		0.000158 J	0.00235	0.000279 J	<0.000118		<0.000300	0.00150	0.00387	<0.000149	<0.000118	<0.000190 J4	<0.000234
	RW-10	Apr-21		0.000395 J	0.0170	0.000615 J	<0.000118		<0.000300	0.0104	0.0200	<0.000149	<0.000118	<0.000190	<0.000234
	RW-16B	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	RW-16B	Jun-20		<0.0000993	0.000377 J	<0.000125	<0.000118		<0.000300	0.000428 J	0.00125 J	<0.000149	<0.000118	<0.000190	<0.000234
	RW-16B	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RW-16B	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RW-17A	Apr-18		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	RW-17A	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	RW-17A	Jun-20		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RW-17A	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds												
				Analyte	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene (2-Phenyl-butane)	Styrene	tert-Butyl alcohol (tert-Butanol)	Tetra-chloroethene	Toluene	Total Xylenes	trans-1,2-Dichloroethene	trans-1,3-Dichloro-propene	Tri-chloroethene	Vinyl Chloride
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.660	0.193	2.00	0.100	0.150	0.00500	1.00	0.620	0.100	---	0.00500	0.00200
				CGWSL Source:	USEPA TW	WQCC TW	USEPA TW	WQCC HH	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	---	WQCC HH	WQCC HH
Area	**Well ID**	**Date**	**Dup**													
North RO Reject Field	MW-117	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-117	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-117	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-117	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-117	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-117	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-118	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-118	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-118	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-118	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-118	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-118	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-119	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-119	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-119	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-119	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-119	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-119	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-140	Mar-23													
	MW-140	Oct-23													
	MW-140	Apr-24													
	MW-140	Oct-24													
	MW-140	Apr-25													
	MW-140	Oct-25													
	MW-141	Mar-23													
	MW-141	Oct-23													
	MW-141	Apr-24													
	MW-141	Oct-24													
	MW-141	Apr-25													
	MW-141	Oct-25													
	MW-142	Mar-23													
	MW-142	Oct-23													
	MW-142	Apr-24													
	MW-142	Oct-24													
	MW-142	Apr-25													
	MW-142	Oct-25													
	MW-143	Mar-23													
	MW-143	Oct-23													
	MW-143	Apr-24													
	MW-143	Oct-24													
	MW-143	Apr-25													
	MW-143	Oct-25													
	MW-162	Oct-24													
	MW-162	Apr-25													
	MW-162	Oct-25													
South Refinery	KWB-2R	Oct-19		0.101	0.00608	0.00857	0.00348		<0.000372	0.0140 J4	0.115	<0.000396	<0.000419	<0.000398	<0.000259
	KWB-2R	Mar-23		0.0247	0.00137 J	0.0102	<0.000590	<0.0203	<0.00150	<0.00139	0.0132 J	<0.000745	<0.000590	<0.000950	<0.00117
	KWB-2R	Oct-23		0.00179 J	<0.000870	0.00131 J	<0.000590	<0.0203	<0.00150	<0.00139	0.00219 J	<0.000745	<0.000590	<0.000950	<0.00117
	KWB-2R	Apr-24		0.00127	0.000290 J	0.000829 J	<0.000118	<0.00406 J3	<0.000300	<0.000278	0.000879 J	<0.000149	<0.000118	<0.000190	<0.000234
	KWB-5	Oct-17		0.0134	<0.0852	0.00202	<0.000307		<0.000372	0.00156	<0.265	<0.000396	<0.000419	<0.000398	<0.000259
	KWB-5	Apr-18		<0.0872	<0.0852	<0.0912	<0.0768		**<0.0930**	<0.103	<0.265	<0.0990	<0.105	**<0.0995**	**<0.0648**
	KWB-5	Oct-18		<0.0872	<0.0852	<0.0912	<0.0768		**<0.0930**	<0.103	<0.265	<0.0990	<0.105	**<0.0995**	**<0.0648**
	KWB-5	Apr-19		<0.0872	<0.0852	<0.0912	<0.0768		**<0.0930**	<0.103	<0.265	<0.0990	<0.105	**<0.0995**	**<0.0648**
	KWB-6	Apr-17		0.0737	0.0179	0.00695	<0.00154		<0.00186	0.0205	0.391	<0.00198	<0.00210	<0.00199	<0.00130
	KWB-6	Oct-17		0.0386	0.00804	0.00483	<0.000307		<0.000372	0.0122	0.283	<0.000396	<0.000419	<0.000398	<0.000259
	KWB-6	Apr-18		0.0486	0.0350	<0.00730	<0.00614		**<0.00744**	0.00879 J	0.258	<0.00792	<0.00838	**<0.00796**	**<0.00518**
	KWB-6	Oct-18		0.0234	0.0234	<0.00730	<0.00614		**<0.00744**	0.0126 J	0.379	<0.00792	<0.00838	**<0.00796**	**<0.00518** J3
	MW-28	Apr-19		0.0457 J	<0.0170	<0.0182	<0.0154		**<0.0186**	0.0272 J	0.140 J	<0.0198	<0.0210	**<0.0199**	**<0.0130**
	MW-28	Oct-19		0.0947	<0.0170	<0.0183	<0.0154		**<0.0186**	0.0384 J	0.264	<0.0198	<0.0209	**<0.0199**	**<0.0130**
	MW-28	Jun-20		0.0241	0.00154 J	0.00221 J	<0.000590		<0.00150 J4	0.0126	0.0916	<0.000745	<0.000590	<0.000950	<0.00117
	MW-28	Oct-20		0.0182	0.00171 J	0.00171 J	<0.000590		<0.00150	0.00882	0.0626	<0.000745	<0.000590 J4	<0.000950	<0.00117
	MW-48	Apr-18		0.118 J	<0.0852	<0.0912	<0.0768		**<0.0930**	**1.02**	**0.955**	<0.0990	<0.105	**<0.0995**	**<0.0648**
	MW-48	Oct-18		0.145 J	<0.0852	<0.0912	<0.0768		**<0.0930**	<0.103	0.358 J	<0.0990	<0.105	**<0.0995**	**<0.0648** J3
	MW-48	Apr-19		0.177 J	<0.0852	<0.0912	<0.0768		**<0.0930**	0.152 J	0.498 J	<0.0990	<0.105	**<0.0995**	**<0.0648**
	MW-48	Oct-19		0.0908 J	<0.0852	<0.0913	<0.0768		**<0.0930**	0.138 J	0.290 J	<0.0990	<0.105	**<0.0995**	**<0.0648**
	MW-50	Mar-23		<0.0000993	<0.000174	0.000333 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-50	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-50	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-50	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-50	Apr-25		<0.0000993	<0.000174	0.000341 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-50	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-52	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-52	Oct-23		0.000483 J	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	0.00181 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-52	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-52	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-52	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234 C3
	MW-52	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-64	Mar-23		<0.0497	**1.52**	<0.0625	<0.0590	**2.28 J**	**<0.150**	**13.4**	**5.39**	<0.0745	<0.0590	**<0.0950**	**<0.117**
	MW-64	Oct-23		0.0917 J	**1.21**	<0.0125	<0.0118	**2.10**	**<0.0300**	**8.92**	**5.28**	<0.0149	<0.0118	**<0.0190**	**<0.0234**
	MW-64	Apr-24		0.153 J	**1.42**	<0.0625	<0.0590	**2.40 J**	**<0.150**	**9.52**	**6.09**	<0.0745	<0.0590	**<0.0950**	**<0.117**
	MW-64	Oct-24		0.0764 J	**0.946**	<0.0625	<0.0590	**<2.03**	**<0.150**	**7.40**	**4.39**	<0.0745	<0.0590	**<0.0950**	**<0.117**
	MW-64	Apr-25		0.0952 J	**0.792**	<0.0625	<0.0590	**<2.03** C3	**<0.150**	**5.13**	**4.04**	<0.0745	<0.0590	**<0.0950**	**<0.117**
	MW-64	Oct-25		<0.120	**0.846**	<0.178	**<0.171**	**<2.48**	**<0.179**	**6.02**	**4.30**	**<0.174**	<0.157	**<0.192**	**<0.229** C3
	MW-65	Oct-19		0.0971 J	<0.0341	<0.0365	<0.0307		**<0.0372**	<0.0412	<0.106	<0.0396	<0.0419	**<0.0398**	**<0.0259**
	MW-65	Mar-23		0.0913	0.00313	0.0106	<0.000118	**4.90**	<0.000300	0.00820	0.00756	<0.000149	<0.000118 J3	<0.000190	<0.000234
	MW-65	Oct-23		0.0655	<0.00435	0.00928 J	<0.00295	**0.540**	**<0.00750**	0.00944 J	<0.00435	<0.00373	<0.00295	<0.00475	**<0.00585**
	MW-65	Apr-24		0.0372	<0.00435	0.00789 J	<0.00295	**1.10**	**<0.00750**	0.00803 J	<0.00435	<0.00373	<0.00295	<0.00475	**<0.00585**
	MW-66	Oct-19		0.0693	<0.00852	0.00932 J	<0.00768		**<0.00930**	<0.0103	<0.0265	<0.00990	<0.0105	**<0.00995**	**<0.00648**
	MW-66	Jun-20		0.0851	0.00239	0.00857	<0.000118		<0.000300	0.00581	0.0145	<0.000149	<0.000118	<0.000190	<0.000234
	MW-66	Oct-20		0.0513	0.00183 J	0.00634 J	<0.00118		<0.00300	0.00445 J	0.00787 J	<0.00149	<0.00118 J4	<0.00190	**<0.00234**
	MW-66	Apr-21		0.0447	0.00451 J	0.00711 J	<0.00118		<0.00300	0.0129	0.0268 J	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-99	Oct-18		0.101	<0.0341	<0.0365	<0.0307		**<0.0372**	<0.0412	0.358	<0.0396	<0.0419	**<0.0398**	**<0.0259** J3
	MW-99	Apr-19		0.0620 J	<0.0341	<0.0365	<0.0307		**<0.0372**	<0.0412	0.379	<0.0396	<0.0419	**<0.0398**	**<0.0259**
	MW-99	Oct-19		0.0512 J	<0.0341	<0.0365	<0.0307		**<0.0372**	<0.0412	0.218 J	<0.0396	<0.0419	**<0.0398**	**<0.0259**
	MW-99	Jun-20		0.0249	0.00630 J	0.00426 J	<0.00118		<0.00300	0.00330 J	0.0784	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-101	Mar-23		0.0312	<0.00174	0.00531 J	<0.00118	0.0606	<0.00300	0.0130	0.168	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-101	Oct-23		0.00552	<0.000174	0.00256	<0.000118	0.0358	<0.000300	<0.000278	0.000966 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-101	Apr-24		0.00392	<0.000174	0.00177	<0.000118	0.0297	<0.000300	<0.000278	0.000445 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-101	Oct-24		0.00663	0.000387 J	0.00310	<0.000118	0.0179	<0.000300	0.00761	0.0268	<0.000149	<0.000118	<0.000190	<0.000234
	MW-101	Apr-25		0.00917 J	<0.00348	<0.00250	<0.00236	<0.0812 C3	**<0.00600**	<0.00556	<0.00348	<0.00298	<0.00236	<0.00380	**<0.00468**
	MW-101	Oct-25		0.000807 J	<0.000319	0.00167	<0.000342	0.0166 C3J	<0.000358	<0.000274	0.000587 J	<0.000348	<0.000313	<0.000383	<0.000458

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene (2-Phenyl-butane)	Styrene	tert-Butyl alcohol (tert-Butanol)	Tetra-chloroethene	Toluene	Total Xylenes	trans-1,2-Dichloroethene	trans-1,3-Dichloro-propene	Tri-chloroethene	Vinyl Chloride
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.660	0.193	2.00	0.100	0.150	0.00500	1.00	0.620	0.100	---	0.00500	0.00200
				CGWSL Source:	USEPA TW	WQCC TW	USEPA TW	WQCC HH	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	---	WQCC HH	WQCC HH
Area	**Well ID**	**Date**	**Dup**													
South Refinery	MW-102	Mar-23			0.0686 J	<0.0348	<0.0250	<0.0236	**<0.812**	**<0.0600**	0.403	0.535 J	<0.0298	<0.0236	**<0.0380**	**<0.0468**
	MW-102	Mar-23	FD		0.0572 J	0.0301 J	<0.0125	<0.0118	**<0.406**	**<0.0300**	0.383	0.515	<0.0149	<0.0118	**<0.0190**	**<0.0234**
	MW-102	Oct-23			0.0543	0.0246	0.0112	<0.000118	<0.00406	<0.000300	0.318	0.567	<0.000149	<0.000118	<0.000190	<0.000234
	MW-102	Oct-23	FD		0.0511 J	<0.0435	<0.0313	<0.0295	**<1.02**	**<0.0750**	0.333	0.476 J	<0.0373	<0.0295	**<0.0475**	**<0.0585**
	MW-102	Apr-24			0.0645	0.0497	0.0130	<0.00118	<0.0406	<0.00300	0.396	**0.669**	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-102	Apr-24	FD		0.0467	0.0482	0.00878 J	<0.00118	**0.301**	<0.00300	0.294	0.479	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-102	Oct-24			<0.0248	<0.0435	<0.0313	<0.0295	**<1.02**	**<0.0750**	0.507	0.539 J	<0.0373	<0.0295	**<0.0475**	**<0.0585**
	MW-102	Oct-24	FD		0.0636 J	<0.0435	0.0593 J	<0.0295	**<1.02**	**<0.0750**	0.632	0.569 J	<0.0373	<0.0295	**<0.0475**	**<0.0585**
	MW-102	Apr-25			0.0432 J	<0.0435	<0.0313	<0.0295	**<1.02** C3	**<0.0750**	0.240 J	0.370 J	<0.0373	<0.0295	**<0.0475**	**<0.0585**
	MW-102	Apr-25	FD		0.0469 J	<0.0435	<0.0313	<0.0295	**<1.02** C3	**<0.0750**	0.263	0.418 J	<0.0373	<0.0295	**<0.0475**	**<0.0585**
	MW-102	Oct-25			0.0742	0.0109 J	0.0155	<0.000342	**0.271**	<0.000358	0.273	0.495	<0.000348	<0.000313	<0.000383	<0.000458 C3
	MW-102	Oct-25	FD		<0.120	<0.160	<0.178	**<0.171**	**<2.48**	**<0.179**	0.325 J	0.554 J	**<0.174**	<0.157	**<0.192**	**<0.229** C3
	MW-103	Apr-22			0.0318	<0.00174	0.00549 J	<0.00118	**0.192**	<0.00300	0.00847 J	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-103	Mar-23			0.0301	<0.00174	0.00394 J	<0.00118	0.0974	<0.00300	0.00654 J	0.00441 J	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-103	Apr-24			0.0302	<0.00174	0.00399 J	<0.00118	0.0934	<0.00300	0.00593 J	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-103	Apr-25			0.0261	<0.00174	0.00370 J	<0.00118	0.0502 C3	<0.00300	0.00772 J	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-104	Mar-23			0.00228	<0.000174	0.0384	<0.000118	0.00411 J	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-104	Oct-23			0.00481	<0.000174	0.0386	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-104	Apr-24			0.0160	<0.000174	0.0382	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-104	Oct-24			0.0333	<0.000174	0.0358	<0.000118	<0.00406	<0.000300	0.000817 J	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-104	Apr-25			0.0264	<0.000174	0.0369	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-104	Oct-25			0.0101	<0.000319	0.0441	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	MW-105	Mar-23			0.0324 J	<0.0174	<0.0125	<0.0118	**<0.406**	**<0.0300**	<0.0278	0.0927 J	<0.0149	<0.0118	**<0.0190**	**<0.0234**
	MW-105	Oct-23			0.0218	0.00106 J	0.00579	<0.000590	<0.0203	<0.00150	0.00149 J	0.0708	<0.000745	<0.000590	<0.000950	<0.00117
	MW-105	Apr-24			0.0387	0.00211 J	0.00814 J	<0.00118	0.0699	<0.00300	0.00412 J	0.101	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-105	Oct-24			0.0342	0.00247 J	0.00902	<0.000590	0.0333	<0.00150	0.00532	0.132	<0.000745	<0.000590	<0.000950	<0.00117
	MW-105	Apr-25			0.0357 J	<0.0174	<0.0125	<0.0118	**<0.406**	**<0.0300**	<0.0278	0.109 J	<0.0149	<0.0118	**<0.0190**	**<0.0234**
	MW-105	Oct-25			0.0324	0.00187	0.00720	<0.000342	0.0547 C3	<0.000358	0.00472	0.0991	<0.000348	<0.000313	<0.000383	<0.000458
	MW-106	Oct-23			0.0140	0.00687 J	0.00272 J	<0.00118	<0.0406	<0.00300	0.0404	0.0631	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-106	Apr-24			0.0408	0.0742	0.00531 J	<0.00295	<0.102	**<0.00750**	0.798	0.289	<0.00373	<0.00295	<0.00475	**<0.00585**
	MW-106	Oct-24			<0.0497	<0.0870	<0.0625	<0.0590	**<2.03**	**<0.150**	0.763	<0.0870	<0.0745	<0.0590	**<0.0950** J3	**<0.117** J3
	MW-106	Apr-25			0.0369 J	0.0538 J	<0.0250	<0.0236	**<0.812**	**<0.0600**	0.309	0.215 J	<0.0298	<0.0236	**<0.0380**	**<0.0468**
	MW-106	Oct-25			0.0143	0.00510	0.00238	<0.000342	0.00721 C3J	<0.000358	0.0505	0.0358	<0.000348	<0.000313	<0.000383	<0.000458
	MW-107	Oct-15			0.0689 J	0.0431 J	<0.0365	<0.0307		**<0.0372**	<0.0780	0.130 J	<0.0396	<0.0419	**<0.0398**	**<0.0259**
	MW-107	Apr-17			0.0528	<0.0170	<0.0182	<0.0154		**<0.0186**	<0.0206	<0.0530	<0.0198	<0.0210	**<0.0199**	**<0.0130**
	MW-107	Apr-18			0.0857	0.00279	0.00830	<0.000307		<0.000372	0.0142	0.0159	<0.000396	<0.000419	<0.000398	<0.000259
	MW-107	Apr-19			<0.0872	<0.0852	<0.0912	<0.0768		**<0.0930**	<0.103	<0.265	<0.0990	<0.105	**<0.0995**	**<0.0648**
	MW-109	Mar-23			0.0385 J	<0.00870	<0.00625	<0.00590	**<0.203**	**<0.0150**	<0.0139	<0.00870	<0.00745	<0.00590	**<0.00950**	**<0.0117**
	MW-109	Oct-23			0.0371	<0.00435	0.00319 J	<0.00295	<0.102	**<0.00750**	0.0112 J	<0.00435	<0.00373	<0.00295	<0.00475	**<0.00585**
	MW-109	Apr-24			0.0510	<0.00435	0.00610 J	<0.00295	<0.102	**<0.00750**	0.0175 J	<0.00435	<0.00373	<0.00295	<0.00475	**<0.00585**
	MW-109	Oct-24			0.0596	<0.000174	0.00689	<0.000118	0.0590	<0.000300	0.0114	0.00767	<0.000149	<0.000118	<0.000190	<0.000234
	MW-109	Apr-25			0.0492	<0.00435	0.00597 J	<0.00295	<0.102	**<0.00750**	0.0100 J	<0.00435	<0.00373	<0.00295	<0.00475	**<0.00585**
	MW-109	Oct-25			0.0667	<0.000319	0.00857	<0.000342	0.0449	<0.000358	0.0103	0.00431	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-110	Mar-23			0.000236 J	<0.000174	0.00334	<0.000118	0.00524	<0.000300	<0.000278	0.000521 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-110	Oct-23			0.000439 J	<0.000174	0.00213	<0.000118	0.00705	<0.000300	<0.000278	0.000586 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-110	Apr-24			0.000440 J	<0.000174	0.00155	<0.000118	0.00813	<0.000300	<0.000278	0.000557 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-110	Oct-24			0.00116	<0.000174	0.00211	<0.000118	0.00827	<0.000300	<0.000278	0.000908 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-110	Apr-25			0.000559 J	<0.000174	0.00154	<0.000118	<0.00406	<0.000300	<0.000278	0.000496 J	<0.000149	<0.000118	<0.000190	<0.000234 C3
	MW-110	Oct-25			0.000804 J	<0.000319	0.00315	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-139	Mar-23			<0.0000993	<0.000174	0.00272	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-139	Oct-23			0.000221 J	<0.000174	0.00291	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-139	Apr-24			<0.0000993	<0.000174	0.00201	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-139	Oct-24			<0.0000993	<0.000174	0.000994 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-139	Apr-25			<0.0000993	<0.000174	0.00157	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-139	Oct-25			<0.000239	<0.000319	0.00187	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-158	Oct-24			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	MW-158	Apr-25			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149 J4	<0.000118	0.000270 J	<0.000234
	MW-158	Oct-25			<0.000239	<0.000319	<0.000355	<0.000342	<0.00496 C3	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	MW-159	Oct-24			0.000862 J	<0.000174	0.000477 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	MW-159	Apr-25			0.000164 J	<0.000174	<0.000125	<0.000118	<0.0812	<0.000300	<0.000278	<0.000174	<0.000149 J4	<0.000118	<0.000190	<0.000234
	MW-159	Oct-25			<0.000239	<0.000319	<0.000355	<0.000342	<0.00496 C3	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	RA-313	Apr-22			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-313	Mar-23			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-313	Apr-24			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	RA-313	Apr-25			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 C3 J4	<0.000190	<0.000234
	RW-4	Jun-20			0.00881	0.00105	0.00611	<0.000118		<0.000300	0.00557	0.00375	<0.000149	<0.000118	<0.000190	<0.000234
	RW-4	Apr-22			0.0331	0.000508 J	0.00942	<0.000118	0.0142	<0.000300	0.00223	0.00449	<0.000149	<0.000118	<0.000190	<0.000234
	RW-4	Mar-23			0.0162	0.000333 J	0.00560	<0.000118	0.0106	<0.000300	0.00111	0.00362	<0.000149	<0.000118	<0.000190	<0.000234
	RW-4	Apr-24			0.0340	0.000509 J	0.00919	<0.000118	0.0157	<0.000300	0.00122	0.0156	<0.000149	<0.000118	<0.000190	<0.000234
	RW-5R	Apr-15			0.0598	**0.522**	0.00691 J	<0.00310		<0.00370	**2.26**	**1.91**	<0.00400	<0.00420	<0.00400	**<0.00260**
	RW-6	Apr-18			0.0329	0.0570	0.0148	<0.000307		<0.000372	0.448	0.150	<0.000396	<0.000419	<0.000398	<0.000259
	RW-6	Apr-19			0.0308	0.00804 J	0.0141 J	<0.00614		**<0.00744**	0.0211	0.0304 J	<0.00792	<0.00838	**<0.00796**	**<0.00518**
	RW-6	Mar-23			0.0352	**0.378**	0.0135 J	<0.00295	**0.449**	**<0.00750**	**2.78**	**1.31**	<0.00373	<0.00295 J3	<0.00475	**<0.00585**
	RW-6	Apr-24			0.000664 J	0.000330 J	0.000622 J	<0.000118	<0.00406	<0.000300	0.000870 J	0.00130 J	<0.000149	<0.000118	<0.000190	<0.000234
	RW-15C	Apr-17			0.296	**0.472**	0.0194 J	<0.00768		**<0.00930**	0.172	**5.39**	<0.00990	<0.0105	**<0.00995**	**<0.00648**
	RW-15C	Apr-18			0.190	0.0285	0.0114	<0.000307		<0.000372	0.111	**3.01**	<0.000396	<0.000419	<0.000398	<0.000259
	RW-15C	Apr-19			0.215	0.00812 J	0.0148	<0.00307		<0.00372	0.0871	**1.05**	<0.00396	<0.00419	<0.00398	**<0.00259**
	RW-19	Apr-24			0.108	0.154	0.0140 J	<0.00236	**1.63**	**<0.00600**	0.0286	**0.811**	<0.00298	<0.00236	<0.00380 J4	**<0.00468**
South RO Reject Field	MW-114	Mar-23			<0.0000993	<0.000174	<0.000125	<0.000118	0.00493 J	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-114	Oct-23			<0.0000993	<0.000174	0.000448 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-114	Apr-24			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-114	Oct-24			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-114	Apr-25			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-114	Oct-25			<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	MW-115	Mar-23			<0.0000993	<0.000174	<0.000125	<0.000118	0.00574	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-115	Oct-23			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-115	Apr-24			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-115	Oct-24			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-115	Apr-25			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-115	Oct-25			<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	MW-116	Mar-23			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-116	Apr-24			0.000128 J	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-116	Oct-24			<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-116	Apr-25			0.000101 J	<0.000174	0.000187 J	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-116	Oct-25			<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene (2-Phenyl-butane)	Styrene	tert-Butyl alcohol (tert-Butanol)	Tetra-chloroethene	Toluene	Total Xylenes	trans-1,2-Dichloroethene	trans-1,3-Dichloro-propene	Tri-chloroethene	Vinyl Chloride
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.660	0.193	2.00	0.100	0.150	0.00500	1.00	0.620	0.100	---	0.00500	0.00200
				CGWSL Source:	USEPA TW	WQCC TW	USEPA TW	WQCC HH	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	---	WQCC HH	WQCC HH
Area	**Well ID**	**Date**	**Dup**													
South RO Reject Field	MW-144	Mar-23														
	MW-144	Oct-23														
	MW-144	Apr-24														
	MW-144	Oct-24														
	MW-144	Apr-25														
	MW-144	Oct-25														
	MW-163	Oct-24														
	MW-163	Apr-25														
	MW-163	Oct-25														
TEL	MW-49	Mar-23		0.0489	<0.00174	0.00696 J	<0.00118	<0.0406	<0.00300	0.00354 J	0.101	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-49	Oct-23		0.0799	0.00331 J	0.0122	<0.00118	<0.0406	<0.00300	0.0294	0.254	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-49	Apr-24		0.0637	0.00420 J	0.00743 J	<0.00118	<0.0406	<0.00300	0.0401	0.277	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-49	Oct-24		0.0452	<0.00174	0.00595 J	<0.00118	<0.0406	<0.00300	0.00523 J	0.117	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-49	Apr-25		0.0487	<0.00174	0.00807 J	<0.00118	<0.0406	<0.00300	0.00420 J	0.106	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-49	Oct-25		0.0379	<0.00319	0.00499 J	<0.00342	<0.0496 C3	<0.00358	0.00381 J	0.0969	<0.00348	<0.00313	<0.00383	**<0.00458**
	TEL-1	Oct-18		<0.00174	<0.00170	<0.00182	<0.00154		<0.00186	<0.00206	<0.00530	<0.00198	<0.00210	<0.00199	<0.00130
	TEL-1	Apr-19		<0.000349	0.00126	0.000516 J	<0.000307		<0.000372	0.000600 J	0.00126 J	<0.000396	<0.000419	<0.000398	<0.000259
	TEL-1	Oct-19		<0.000349	0.00196	0.000685 J	<0.000307		<0.000372	0.000961 J	0.00284 J	<0.000396	<0.000419	<0.000398	<0.000259
	TEL-1	Jun-20		0.000241 J	0.00155	0.000692 J	<0.000118		<0.000300	0.000961 J	0.00294 J	<0.000149	<0.000118	<0.000190	<0.000234
	TEL-2	Oct-18		0.0429	<0.00852	<0.00912	<0.00768		**<0.00930**	0.0209 J	0.123	<0.00990	<0.0105	**<0.00995**	**<0.00648**
	TEL-2	Apr-19		0.0223	<0.00341	0.00395 J	<0.00307		<0.00372	0.0113	0.0843	<0.00396	<0.00419	<0.00398	**<0.00259**
	TEL-2	Oct-19		0.0242	<0.00341	<0.00365	<0.00307		<0.00372	0.00920 J	0.0638	<0.00396	<0.00419	<0.00398	**<0.00259**
	TEL-2	Jun-20		0.0150	<0.00174	0.00313 J	<0.00118		<0.00300	0.00510 J	0.0489	<0.00149	<0.00118	<0.00190	**<0.00234**
	TEL-3	Apr-18		0.00998	0.00313	0.0117	<0.000307		<0.000372	0.00394	0.0219	<0.000396	<0.000419	<0.000398	<0.000259
	TEL-3	Apr-19		0.0115	0.00165	0.00962	<0.000307		<0.000372	0.00166	0.00882	<0.000396	<0.000419	<0.000398	<0.000259
	TEL-3	Oct-19		0.0154	0.00191	0.00654	<0.000307		<0.000372	0.00150	0.0142	<0.000396	<0.000419	<0.000398	<0.000259
	TEL-3	Oct-20		0.0255	0.00640	0.00749	<0.000118		<0.000300	0.00449	0.0505	<0.000149	<0.000118	<0.000190 J4	<0.000234
	TEL-4	Mar-23		<0.00199	<0.00348	0.00673 J	<0.00236	<0.0812	**<0.00600**	<0.00556	<0.00348	<0.00298	<0.00236	<0.00380	**<0.00468**
	TEL-4	Mar-23	FD	<0.00199	<0.00348	0.00695 J	<0.00236	<0.0812	**<0.00600**	<0.00556	<0.00348	<0.00298	<0.00236	<0.00380	**<0.00468**
	TEL-4	Oct-23		0.00159	<0.000174	0.0100	<0.000118	0.0196	<0.000300	0.000331 J	0.000497 J	<0.000149	<0.000118	<0.000190	<0.000234
	TEL-4	Oct-23	FD	0.00201	<0.000174	0.0103	<0.000118	0.0179	<0.000300	0.000383 J	0.000596 J	<0.000149	<0.000118	<0.000190	<0.000234
	TEL-4	Apr-24		0.00407	0.000214 J	0.0109	<0.000118	0.0100	<0.000300	<0.000278	0.000882 J	<0.000149	<0.000118	<0.000190	<0.000234
	TEL-4	Apr-24	FD	0.00395	<0.000174	0.0110	<0.000118	0.0111	<0.000300	0.000359 J	0.000683 J	<0.000149	<0.000118	<0.000190	<0.000234
	TEL-4	Oct-24		0.00261	<0.000174	0.00868	<0.000118	0.00669	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	TEL-4	Oct-24	FD	0.00274	<0.000174	0.00976	<0.000118	0.00799	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	TEL-4	Apr-25		0.00144	<0.000174	0.00543	<0.000118	0.0300	<0.000300	0.000315 J	0.000515 J	<0.000149	<0.000118	<0.000190	<0.000234
	TEL-4	Apr-25	FD	0.00153	<0.000174	0.00583	<0.000118	0.0309	<0.000300	0.000337 J	0.000478 J	<0.000149	<0.000118	<0.000190	<0.000234
	TEL-4	Oct-25		0.00198	<0.000319	0.00400	<0.000342	<0.00496 C3	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
	TEL-4	Oct-25	FD	0.00154	<0.000319	0.00361	<0.000342	<0.00496 C3	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458
TMD	MW-8	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-8	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-8	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	0.0161	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-8	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 C3J4	<0.000190	<0.000234
	MW-16	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-16	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-16	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-16	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-20	Apr-22		0.000568 J	<0.000174	0.000268 J	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-20	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-20	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-20	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 C3J4	<0.000190	<0.000234
	MW-21	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	0.0166	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-21	Oct-23		<0.000497	<0.000870	<0.000625	<0.000590	<0.0203	<0.00150	<0.00139	<0.000870	<0.000745	<0.000590	<0.000950 J4	<0.00117
	MW-21	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-21	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-21	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118 C3J4	<0.000190	<0.000234
	MW-21	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	0.0131 J	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-25	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-25	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-25	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-25	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-26	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-26	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-26	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-26	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-27	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-27	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-27	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-27	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-46R	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-46R	Oct-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-46R	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-46R	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-46R	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-46R	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383	<0.000458 C3
	MW-68	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-68	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-68	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-68	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-71	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-71	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-71	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-71	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-89	Apr-22		<0.0000993	0.000579 J	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	0.000579 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-89	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-89	Apr-24		<0.0000993	0.000218 J	<0.000125	<0.000118	<0.00406 J3	0.000324 J	<0.000278	0.000218 J	<0.000149	<0.000118	<0.000190	<0.000234
	MW-89	Apr-25		<0.0000993	0.000440 J	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	0.000440 J	<0.000149	<0.000118	<0.000190	<0.000234 J4
	MW-152	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	MW-152	Apr-25		<0.000993	<0.00174	<0.00125	<0.00118	<0.0406	<0.00300	<0.00278	<0.00174	<0.00149	<0.00118	<0.00190	**<0.00234**
	MW-152	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-153	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	MW-153	Apr-25		<0.000497	<0.000870	<0.000625	<0.000590	<0.0203	<0.00150	<0.00139	<0.000870	<0.000745	<0.000590	<0.000950	<0.00117
	MW-153	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-154	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	MW-154	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-154	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-155	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	MW-155	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-155	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458
	MW-156	Oct-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190 J3	<0.000234 J3
	MW-156	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	MW-156	Oct-25		<0.000239	<0.000319	<0.000355	<0.000342	<0.00496	<0.000358	<0.000274	<0.000319	<0.000348	<0.000313	<0.000383 J4	<0.000458

Appendix B, Table B.4 - Summary of Groundwater Analytical Data - Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Volatile Organic Compounds											
				Analyte	n-Propyl-benzene	o-Xylene	sec-Butyl-benzene (2-Phenyl-butane)	Styrene	tert-Butyl alcohol (tert-Butanol)	Tetra-chloroethene	Toluene	Total Xylenes	trans-1,2-Dichloroethene	trans-1,3-Dichloro-propene	Tri-chloroethene	Vinyl Chloride
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.660	0.193	2.00	0.100	0.150	0.00500	1.00	0.620	0.100	---	0.00500	0.00200
				CGWSL Source:	USEPA TW	WQCC TW	USEPA TW	WQCC HH	USEPA TW	WQCC HH	WQCC HH	WQCC HH	WQCC HH	---	WQCC HH	WQCC HH
Area	**Well ID**	**Date**	**Dup**													
TMD	NP-1	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NP-1	Oct-23		<0.00199	<0.00348	<0.00250	<0.00236	<0.0812	**<0.00600**	<0.00556	<0.00348	<0.00298	<0.00236	<0.00380 J4	**<0.00468**
	NP-1	Apr-24		<0.00199	<0.00348	<0.00250	<0.00236	<0.0812	**<0.00600**	<0.00556	<0.00348	<0.00298	<0.00236	<0.00380	**<0.00468**
	NP-1	Oct-24		<0.00199	<0.00348	<0.00250	<0.00236	<0.0812	**<0.00600**	<0.00556	<0.00348	<0.00298	<0.00236	<0.00380	**<0.00468**
	NP-1	Oct-25		<0.00120	<0.00159	<0.00178	<0.00171	<0.0248 C3	<0.00179	<0.00137	<0.00159	<0.00174	<0.00157	<0.00192	**<0.00229**
	NP-6	Apr-19		<0.000349	<0.000341	<0.000365	<0.000307		<0.000372	<0.000412	<0.00106	<0.000396	<0.000419	<0.000398	<0.000259
	NP-6	Apr-21		<0.0000993	<0.000174	<0.000125	<0.000118		<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NP-6	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	NP-6	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
Up-Gradient	UG-1	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-1	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-1	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-1	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-2	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-2	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-2	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-2	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-3R	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-3R	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-3R	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-3R	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-4	Apr-22		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-4	Mar-23		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-4	Apr-24		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234
	UG-4	Apr-25		<0.0000993	<0.000174	<0.000125	<0.000118	<0.00406 C3	<0.000300	<0.000278	<0.000174	<0.000149	<0.000118	<0.000190	<0.000234

Definitions

X	Reported concentration, X, exceeds the CGWSL.
X	Analyte detected above the detection limit at a concentration equal to X.
<x	Analyte not detected at detection limit equal to x.
<x	Analyte not detected at detection limit equal to x, but x exceeds the CGWSL.
	Blank cell indicates a sample was collected from the well during the indicated sampling event, but the analyte was not analyzed.
---	No applicable CGWSL.

Abbreviations

CGWSL	Critical Groundwater Screening Level (see Table 3)
CGWSL Source	Source for CGWSL value (see Table 3)
Dup	Duplicate sample
FD	Field duplicate sample
mg/L	Milligrams per Liter
NMED TW	NMED Risk Assessment Guidance for Site Investigations and Remediation, November 2022, Table A-1, Tap Water Screening Level
USEPA TW	United States Environmental Protection Agency Tap Water Screening Level, "Regional Screening Levels (RSL) Summary Table", November 2024
USEPA MCL	United States Environmental Protection Agency Maximum Contaminant Level, "Regional Screening Levels (RSL) Summary Table", November 2024
WQCC Dom	NMED Groundwater standard for domestic exposure, 20.6.2.3103.B NMAC
WQCC HH	NMED Groundwater standard for human health exposure, 20.6.2.3103.A NMAC

Lab Footnote

B	Analyte was also detected in the associated method blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	Indicates an estimated value.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
Q	Sample was prepared and/or analyzed past recommended holding time.
V3	Internal standard exhibited poor recovery due to sample matrix interference; analytical result biased high.

Note - Irrigation well RA-4196R was installed in June 2022 to replace both irrigation wells RA-4196 and RA-4798 which were plugged and abandoned in April 2023.

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Appendix B, Table B.5 - Summary of Groundwater Analytical Data - Water Quality and Cyanide

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Water Quality Parameters										Cyanide
			Analyte	Calcium	Chloride	Fluoride	Nitrate	Nitrate/Nitrite	Nitrite	Potassium	Sodium	Sulfate	TDS	Cyanide
			CAS	7440-70-2	16887-00-6	16984-48-8	14797-55-8	NO3NO2	14797-65-0	7440-09-7	7440-23-5	14808-79-8	TDS	57-12-5
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			CGWSL	--	250	1.60	10.0	10.0	1.00	--	--	600	1000	0.200
			CGWSL Source	--	WQCC Dom	WQCC HH	WQCC HH	WQCC HH	WQCC HH	--	--	WQCC Dom	WQCC Dom	WQCC HH
Area	**Well ID**	**Date**	**Dup**											
Cross-Gradient	KWB-13	Apr-22		493	133	1.15 J		**15.7**		1.06 J	179	**2350**	**3540**	<0.00180
	KWB-13	Mar-23		519	118	1.36 JB	**13.4**		<0.420	1.12 J	150	**1860**	**2910**	<0.00900
	KWB-13	Apr-24		574	98.9	**<6.40**	**19.5**		<0.420	1.09 J	148	**2400**	**3210**	<0.0180
	KWB-13	Apr-25		583	114	0.770	**13.5**		<0.397	1.60 J	180	**2070**	**3460**	
	MW-136	Mar-23		520	**320**	1.48 J	9.58 Q		<0.420	2.09	96.7	**1660**	**3390**	<0.00360
	MW-136	Oct-23		537	**305**	1.25 J	9.24		<0.420	2.18	87.0	**1540**	**2810**	<0.00360
	MW-136	Oct-24		563	**304**	1.14	**15.1 Q**		**<3.97** Q	2.10	84.7	**1600**	**2890**	0.0218 J
	MW-136	Apr-25		530	**296 V**	1.25	5.46 J6 T8		<0.397 T8	2.18	77.8	**1680**	**2960**	
	MW-136	Oct-25		1190	**318**	**1.92**	3.95		<0.794	3.11	77.1	**1630**	**2880**	
	MW-149	Oct-23		484	148	<0.640	**16.7**		<0.420	0.824 J	271	**2060**	**4070**	
	MW-149	Apr-24		476	142	1.54	**28.0**		<0.420	0.479 J	262	**2300**	**3500**	
	MW-149	Oct-24		523 O1V	129	0.775	**18.2 Q**		**<3.97** Q	1.39 J	236 O1V	**2120**	**3540**	
	MW-149	Apr-25		487	156	1.06	6.45		<0.397	0.580 J	252	**2360**	**3780**	
	MW-149	Oct-25		419	114	1.08 J	4.94		<0.794	0.643 J	205	**1840**	**3350**	
	MW-150	Oct-23		517	141	<0.640	2.13		<0.420	0.726 J	174	**2150**	**3330**	
	MW-150	Apr-24		502	131	**<6.40**	7.14		<0.420	0.557 J	178	**2600**	**3420**	
	MW-150	Oct-24		487	142	0.499 J	9.16 Q		**<3.97** Q	1.04 J	170	**2280**	**3540**	
	MW-150	Apr-25		521	144	0.686 J	0.768		<0.397	0.807 J	183	**2240**	**3710**	
	MW-150	Oct-25		487	134	0.772 J	1.19		<0.794	0.488 J	172	**2100**	**3790**	
	NP-5	Apr-19		529	**310**	**2.16**		1.06		0.320 J	206	**3370**	**5240**	
	NP-5	Apr-21		529	**253**	**2.49**		0.721		0.258 J	226	**3320**	**5410**	
	NP-5	Mar-23		488	206	**2.18**	0.642 J		<0.420	0.328 J	229	**2850**	**5660**	
	NP-5	Apr-25		510 V	239	**2.08**	<0.884 T8		<0.794 T8	0.370 J	233 V	**3020**	**5030**	
	RA-3156	Apr-19		83.5	**807**	0.751		1.50		0.679 J	87.0	**1650**	**3240**	
	RA-3156	Jun-20		180	**280**	0.313		<0.0500		2.62	97.8	**603**	**1250**	
	RA-3156	Apr-21		338	**533**	0.587		0.0923 J		2.49	268	**1340**	**2970**	
	RA-3156	Apr-22		457	**1110**	0.716		0.0633 J		3.40	643	**1590**	**4080**	
Evaporation Ponds	MW-1R	Apr-22		473	**1160**	0.835		0.0763 J		3.80	662	**1730**	**4250**	
	MW-1R	Mar-23		413	**1000**	1.35 JB	<0.480		0.594 J	3.45	629	**1570**	**4380**	
	MW-1R	Apr-24		586	**1310**	0.941 J	0.935 JB		**3.95 B**	4.10	740	**1830**	**4490**	
	MW-1R	Apr-25		727	**1780**	<0.761	<0.884		<0.794	4.21 J	1080	**2280**	**5830**	
	MW-2A	Mar-23		624	**4210**	**2.70**	0.750 J		<0.420	4.22	3110	**4780**	**15300**	
	MW-2A	Oct-23		577	**3150**	1.47 J	1.47		<0.420	5.14	2120	**3160**	**11100 Q**	
	MW-2A	Apr-24		628	**3610**	**1.93**	<0.480		<0.420	4.29	2970	**4460**	**12300**	
	MW-2A	Oct-24		567	**2710**	**2.45**	<0.884 Q		<0.794 Q	4.15	2330	**4070**	**10400**	
	MW-2A	Apr-25		680	**5340**	**2.30**	<0.884		<0.794	4.35 J	3470	**5380**	**15800**	
	MW-2A	Oct-25		444	**1040**	**2.27**	<0.442		<0.397	3.19	821	**1580**	**4310**	
	MW-3	Mar-23		638	**1750**	**1.83 J**	<0.960 Q		<0.840 Q	5.35	1040	**2230**	**5850**	
	MW-3	Mar-23	FD	637	**1740**	**2.22**	2.08 Q		<0.420 Q	5.46	1050	**1930**	**4680**	
	MW-3	Oct-23		667	**1770**	**2.06**	<0.480		<0.420	7.04	1030	**2220**	**4660**	
	MW-3	Oct-23	FD	647	**1760**	**1.94**	1.45		<0.420	6.96	1070	**2100**	**5640**	
	MW-3	Apr-24		562	**1380**	**2.16**	0.979 JB		0.851 JB	5.51	922	**1930**	**5480**	
	MW-3	Apr-24	FD	386	**1250**	**2.16**	0.899 JB		**1.22 B**	3.10	1340	**1870**	**5030**	
	MW-3	Oct-24		543	**1430**	**2.70**	<0.884 Q		<0.794 Q	7.55	1020	**2500**	**5700**	
	MW-3	Oct-24	FD	539	**1440**	**2.21**	1.04		<0.0794	8.06	1120	**2020**	**5630**	
	MW-3	Apr-25		676	**2270**	**<3.80**	<4.42 T8		**<3.97** T8	5.95	1380	**2550**	**7570**	
	MW-3	Apr-25	FD	703	**2200**	**<3.80**	<4.42 T8		**<3.97** T8	6.13	1400	**2480**	**7220**	
	MW-3	Oct-25		682	**2160**	**2.15**	<0.884		<0.794	8.29	1510	**2560**	**7600**	
	MW-3	Oct-25	FD	669	**2130**	**2.11**	<0.884		<0.794	8.21	1470	**2540**	**7260**	
	MW-4A	Mar-23		390	**1310**	**2.83**	<0.480 Q[R]		<0.420 Q[R]	4.62	971	**1700**	**4090 J3**	
	MW-4A	Oct-23		397	**1240**	**2.08**	<0.480		<0.420	5.58	898	**1620**	**3840**	
	MW-4A	Apr-24		383	**1300**	0.272 B	0.957 JB		0.877 JB	4.85	968	**1790**	**3090**	
	MW-4A	Oct-24		410	**1220**	**2.15**	0.828		<0.0794	5.84	859	**1730**	**4840**	
	MW-4A	Apr-25		623	**1340**	**2.20**	<0.884		<0.794	4.42 J	1050	**2320**	**5950**	
	MW-4A	Oct-25		422	**1110**	**2.52**	<8.84		<0.794	4.57 J	955	**1570**	**5070**	
	MW-4B	Apr-19		442	**1320**	0.775		<0.0197		2.50	703	**1430**	**4370**	
	MW-4B	Apr-21		406	**1130**	0.835		<0.0500		2.51	748	**1300**	**3310**	
	MW-4B	Mar-23		385	**1120**	1.43 JB	<0.480		0.685 J	2.84	665	**1310**	**3680**	
	MW-4B	Apr-25		424	**1170**	1.31 J	<0.884		<0.794	3.02	697	**1260**	**4050**	
	MW-5A	Mar-23		416	**3230**	**4.24**	<0.480		<0.420	5.54	3060	**6110**	**15200**	
	MW-5A	Oct-23		387	**2140**	**4.11**	<0.480		<0.420	9.29	2010	**3940**	**9640 Q**	
	MW-5A	Apr-24		428	**2540**	**3.99**	**76.8**		<0.420	8.36 J	2630	**4980**	**8220**	
	MW-5A	Oct-24		418	**2370**	**3.95**	2.92		<0.397	8.51	2420	**4650**	**10600**	
	MW-5A	Apr-25		510	**3150**	**4.11 J**	<4.42 T8		**<3.97** T8	6.07	3470	**7010**	**15400**	
	MW-5A	Oct-25		317	**1430**	**4.40**	<8.84		<0.794	9.29 J	1790	**2580**	**7730**	
	MW-5B	Apr-19		389	**1530**	**1.70**		<0.0197		9.69	1490	**2660**	**6370**	
	MW-5B	Apr-21		359	**524**	1.05		<0.0500		3.74	431	**1370**	**2930**	
	MW-5B	Mar-23		358	**1290**	**2.21**	<0.480		<0.420	9.69	1270	**2250**	**6160**	
	MW-5B	Apr-25		348	**1170**	**<3.80**	<4.42 T8		**<3.97** T8	10.5	1310	**2210**	**5600**	
	MW-5C	Apr-19		390	**591**	0.896		<0.0197		4.11	450	**1540**	**3200**	
	MW-5C	Apr-21		379	**1360**	**2.06**		<0.0500		10.5	1420	**2380**	**5050**	
	MW-5C	Mar-23		357	**578**	1.57 B	<0.480		0.460 J	3.74	439	**1410**	**2820 J3**	
	MW-5C	Apr-25		390	**622**	0.903 J	<0.884 T8		<0.794 T8	4.12	448	**1280**	**3070**	
	MW-6A	Apr-22		301	**710**	**2.13**		<0.0500		1.35 J	673	**1730**	**3660**	
	MW-6A	Mar-23		361	**578**	**1.77**	<0.480		0.649 J	1.17 J	636	**1900**	**4020**	
	MW-6A	Apr-24		298	**721**	**2.18**	<0.480		<0.420	1.20 J	634	**1580**	**2990**	
	MW-6A	Apr-25		661 O1 V	**1410**	**2.04**	<0.884		<0.794	1.23 J	910 O1 V	**2200**	**6100**	
	MW-6B	Apr-19		462	**1140**	0.519		<0.0197		4.45 O1	682	**1460**	**4190**	
	MW-6B	Apr-21		462	**970**	0.614		0.289		4.71	651	**1330**	**6950**	
	MW-6B	Mar-23		539	**1420 V**	0.848 J	<0.480		0.644 JJ6	5.66	760	**1670 V**	**4640**	
	MW-6B	Apr-25		442	**1020**	1.08 J	<0.884		<0.794	4.65	619	**1410**	**4030**	
	MW-7A	Mar-23		363	**1950**	1.40 J	<0.480		<0.420	3.41	1410	**2230**	**7590**	
	MW-7A	Mar-23	FD	359	**2090**	1.26 J	<0.480		<0.420	3.48	1460	**2370**	**7080**	
	MW-7A	Oct-23		371	**1750**	1.49 J	<0.480 Q[R]		<0.420 Q[R]	3.84	1310	**2240**	**5100**	
	MW-7A	Oct-23	FD	365	**1710**	1.47 J	<0.480 Q[R]		<0.420 Q[R]	3.85	1330	**2100**	**4490**	
	MW-7A	Apr-24		347	**1800**	**2.18**	<0.480		<0.420	3.54	1360	**2160**	**5180**	
	MW-7A	Apr-24	FD	362	**1810**	1.37 J	<0.480		<0.420	3.73	1440	**2320**	**5290**	
	MW-7A	Oct-24		351	**1820**	1.15	2.01 Q		<0.0794	3.92	1390	**2140**	**6220**	
	MW-7A	Oct-24	FD	353	**1840**	1.16	1.07		<0.0794	3.83	1400	**2100**	**6440**	
	MW-7A	Apr-25		468	**2270**	**<3.80**	<4.42 T8		**<3.97** T8	4.37 J	1710	**2860**	**7840**	
	MW-7A	Apr-25	FD	457	**2260**	**<3.80**	<4.42 T8		**<3.97** T8	4.00 J	1670	**2860**	**7620**	
	MW-7A	Oct-25		399	**1770**	**1.64**	<0.884		<0.794	3.92 J	1440	**2160**	**6610**	
	MW-7A	Oct-25	FD	391	**1770**	1.60	<8.84		<0.794	3.88 J	1440	**2050**	**6560**	
	MW-7B	Apr-19		581	**1100**	0.823		<0.0197		6.70	581	**1910**	**4760**	
	MW-7B	Apr-21		562	**1030**	0.881		<0.0500		6.66	561	**1800**	**3430**	
	MW-7B	Mar-23		524	**1080**	0.788 J	<0.480		<0.420	8.17	576	**1720**	**3980**	
	MW-7B	Apr-25		576	**1020**	0.899 J	<0.884 T8		<0.794 T8	7.28	629	**1680**	**4400**	
	MW-10	Mar-23		406	**1290**	1.44 JB	0.666 JBQ		<0.420 Q	3.05	956	**1770**	**5460**	
	MW-10	Oct-23		411	**1340 T8**	0.860 JT8	<0.480 T8[R]		<0.420 T8[R]	3.23	945	**1670 T8**	**4450 Q**	
	MW-10	Apr-24		400	**1280**	1.12 J	<0.480		<0.420	3.40	986	**1660**	**4760**	
	MW-10	Oct-24		412	**1310**	0.947 J	<0.884 Q		<0.794 Q	3.32	995	**1910**	**4750**	
	MW-10	Apr-25		780	**2650**	**1.94**	<0.884		<0.794	3.05 J	2120	**2250**	**10300**	
	MW-10	Oct-25		408	**1180**	1.16 J J6	<0.884 J6		<0.794 J6	3.35 J	1040	**1520**	**4760**	
	MW-11A	Apr-24		874	<3.79	1.05 J	0.999 J		<0.420	16.4	3920	**3130**	**13700**	
	MW-11A	Oct-24		973	**7350**	1.07 J	<8.84		**11.8**	18.6	4670	**3270**	**16900**	
	MW-11A	Apr-25		1280	**9310**	**<3.80**	<4.42		**<3.97**	18.0 J	5440	**3410**	**20100**	
	MW-11A	Oct-25		968	**6530**	1.09 J	<8.84		<0.794	23.8 J	4620	**2810**	**16400**	

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Appendix B, Table B.5 - Summary of Groundwater Analytical Data - Water Quality and Cyanide

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Water Quality Parameters										Cyanide
				Analyte	Calcium	Chloride	Fluoride	Nitrate	Nitrate/Nitrite	Nitrite	Potassium	Sodium	Sulfate	TDS	Cyanide
				CAS	7440-70-2	16887-00-6	16984-48-8	14797-55-8	NO3NO2	14797-65-0	7440-09-7	7440-23-5	14808-79-8	TDS	57-12-5
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	--	250	1.60	10.0	10.0	1.00	--	--	600	1000	0.200
				CGWSL Source	--	WQCC Dom	WQCC HH	WQCC HH	WQCC HH	WQCC HH	--	--	WQCC Dom	WQCC Dom	WQCC HH
Area	**Well ID**	**Date**	**Dup**												
Evaporation Ponds	MW-11B	Apr-19			935	**6410**	0.899		<0.197		32.2	3410	**3340**	**11600**	
	MW-11B	Apr-21			966	**6020**	0.829		<0.0500		34.1	3850	**3110**	**12800**	
	MW-11B	Mar-23			861	**5930**	0.816 J	1.25 BQ		<0.420 Q	29.4	3360	**2950**	**11600**	
	MW-11B	Apr-25			882	**5230**	0.825 J	<0.884		<0.794	30.6	3660	**3290**	**14700**	
	MW-15	Apr-22			650	**1500**	**3.53**		2.91		6.09	841	**2190**	**5410**	
	MW-15	Mar-23			587	**1390**	**2.85 B**	4.21 Q		0.845 JQ	4.89	822	**1910**	**5030**	
	MW-15	Apr-24			515	**1160**	**2.13**	1.71 B		**3.40 B**	5.02	655	**1620**	**3590**	
	MW-15	Apr-25			760	**1960**	**<3.80**	<4.42 T8		**<3.97** T8	5.87	961	**1740**	**5870**	
	MW-18A	Mar-23			629	**4990**	**2.47**	<0.480		<0.420	36.8	3400	**4860**	**16700**	<0.00180
	MW-18A	Oct-23			647	**5570**	**2.46**	1.18		<0.420	39.1	3480	**4950**	**20900**	<0.00180
	MW-18A	Apr-24			678	**5850**	**2.70**	1.05 B		1.00 B	40.3	3690	**5600**	**14900**	<0.00180
	MW-18A	Oct-24			701	**6030**	**2.39**	6.68 Q		<0.397	43.5	4160	**5510**	**18100**	<0.00180
	MW-18A	Apr-25			704	**8100**	**<3.80**	<4.42 T8		**<3.97** T8	51.4	4600	**6260**	**21800**	
	MW-18A	Oct-25			655	**6280**	**2.77**	<8.84		<0.794	47.7	4800	**4730**	**20200**	
	MW-18B	Apr-19			807	**919**	0.727		<0.0197		8.43	506	**2030**	**4690**	
	MW-18B	Apr-21			612	**821**	0.802		<0.0500		6.66	534	**1790**	**4350**	
	MW-18B	Mar-23			550	**849**	0.984 J	<0.480		<0.420	5.64	460	**1840**	**3730**	
	MW-18B	Apr-25			604	**903**	1.07 J	<0.884 T8		<0.794 T8	6.49	517	**1770**	**4190**	
	MW-22A	Mar-23			740	**10900**	**2.28**	3.50 Q		<0.420 Q	5.90	6960	**6190**	**20100**	
	MW-22A	Mar-23	FD		725	**10300**	**2.51**	<0.480 Q		<0.420 Q	5.82	6340	**6360**	**22000**	
	MW-22A	Oct-23			397	**1800 T8**	0.863 JT8	<0.480 T8[R]		<0.420 T8[R]	3.19	1440	**1920 T8**	**4020**	
	MW-22A	Oct-23	FD		387	**1560**	1.08 J	<0.480 Q[R]		<0.420 Q[R]	3.12	1300	**1680**	**5620 Q**	
	MW-22A	Apr-24			437	**1610**	1.29 J	1.01 B		0.713 JB	3.35	1570	**1870**	**4730**	
	MW-22A	Apr-24	FD		383	**1570**	1.28 J	0.871 JB		0.685 JB	3.18	1340	**1830**	**5720**	
	MW-22A	Oct-24			361	**1600**	0.871 J	<0.884 Q		<0.794 Q	6.71	1250	**1960**	**5460**	
	MW-22A	Oct-24	FD		361	**1600**	0.860 J	<0.884 Q		<0.794 Q	3.14	1270	**1980**	**5470**	
	MW-22A	Apr-25			692	**12000**	**6.38 J**	<4.42		**<3.97**	5.33 J	7630	**8040**	**30900**	
	MW-22A	Apr-25	FD		694	**11800**	**5.96 J**	<4.42		**<3.97**	5.31 J	7600	**7910**	**31700**	
	MW-22A	Oct-25			340	**1930**	1.30 J	<0.884		<0.794	3.02 J	1590	**2090**	**6760**	
	MW-22A	Oct-25	FD		350	**1760**	**1.64**	<8.84		<0.794	3.24 J	1710	**1780**	**6650**	
	MW-22B	Apr-19			414	**1300**	0.818		<0.197		4.30	985	**2170**	**5480**	
	MW-22B	Apr-21			420	**1190**	0.677		<0.0500		3.99	1080	**1830**	**4760**	
	MW-22B	Mar-23			409	**1250**	1.28 JB	0.783 JBQ		<0.420 Q	3.83	1060	**2030**	**8660**	
	MW-22B	Apr-25			494	**1170**	1.23 J	<0.884		<0.794	4.26 J	1210	**2010**	**5390**	
	MW-70	Mar-23			650	**1250**	<0.640	<0.480		<0.420	4.79	751	**2130**	**4660**	
	MW-70	Oct-23													
	MW-70	Apr-24			693	**1230**	0.826 J	0.817 JB		0.956 JB	5.05	737	**1840**	**5650**	
	MW-70	Oct-24													
	MW-70	Apr-25			719	**1390**	1.18 J	<0.884 T8		<0.794 T8	5.75	926	**2250**	**5850**	
	MW-70	Oct-25													
	MW-72	Apr-22			663	**2830**	**4.88**		2.70		6.55	1470	**2610**	**8200 Q**	
	MW-72	Mar-23			723	**2920**	**5.68 B**	1.93		**1.47**	6.32	1590	**2530**	**8740**	
	MW-72	Apr-24			765	**3110**	**5.77**	<0.480		<0.420	6.32	1920	**2600**	**8800**	
	MW-72	Apr-25			735	**3580**	**6.96**	2.13		<0.794	8.42 J	2120	**3150**	**10100**	
	MW-73	Apr-22			575	**2660**	1.30		0.374		2.46	2110	**3800**	**9780 Q**	
	MW-73	Mar-23			607	**2380**	**2.26**	<0.480		<0.420	2.82	2200	**3280**	**8440**	
	MW-73	Apr-24			610	**2730**	**1.70**	1.54 B		**1.13 B**	3.05 J	2430	**3670**	**7340 Q**	
	MW-73	Apr-25			607	**2690**	**<3.80**	<4.42 T8		**<3.97** T8	3.05	2470	**3710**	**9780**	
	MW-74	Mar-23			552	**1910**	**8.56**	4.32		<0.420	30.3	1860	**3360**	**7040**	
	MW-74	Oct-23			553	**1790**	**6.22**	<0.480 Q		<0.420 Q	25.3	1790	**2550**	858 Q	
	MW-74	Apr-24			536	**1900**	**7.62**	**29.0**		<0.420	25.3	1990	**3160**	**5860 Q**	
	MW-74	Oct-24			553 V	**2100**	**8.04**	<0.884 Q		<0.794 Q	24.6	1970	**3930**	**8240**	
	MW-74	Apr-25			579	**1950**	**6.32 J**	<4.42 T8		**<3.97** T8	27.5	2000	**3500**	**8140**	
	MW-74	Oct-25			555	**1920**	**7.15**	9.35		<0.794	28.0	2050	**3340**	**8060**	
	MW-75	Mar-23			361	**1450**	**7.64**	<0.960 Q[R]		<0.840 Q[R]	17.6	1390	**1910**	**4680**	
	MW-75	Oct-23			372	**1390**	**6.99**	1.56		<0.420	18.4	1260	**1830**	**4730**	
	MW-75	Apr-24			378	**1350**	**7.12**	<0.480		<0.420	16.9	1250	**1840**	**5650**	
	MW-75	Oct-24			374	**1340**	**7.87**	<0.884 Q		<0.794 Q	18.1	1320	**2240**	**5710**	
	MW-75	Apr-25			376	**1440**	**7.03 J**	<4.42 T8		**<3.97** T8	19.1	1440	**1960**	**5570**	
	MW-75	Oct-25			368	**1450**	**7.44**	<0.884		<0.794	20.9	1420	**1920**	**5460**	
	MW-76	Mar-23			423	**1180**	**3.50**	<0.960 Q[R]		<0.840 Q[R]	23.1	927	**1930**	**3080**	
	MW-76	Oct-23			423	**1170**	**2.74**	1.43		<0.420	24.8	836	**1710**	**3900**	
	MW-76	Apr-24			436	**1140**	**3.26**	<0.480		<0.420	22.2	856	**1880**	**4580**	
	MW-76	Oct-24			422	**1150**	**3.24**	<0.884 Q		<0.794 Q	21.9	857	**1880**	**4770**	
	MW-76	Apr-25			486	**1140**	**4.89 J**	<4.42 T8		**<3.97** T8	24.1	890	**2060**	**5010**	
	MW-76	Oct-25			438	**1270**	**2.57**	<0.884		<0.794	23.3	917	**1810**	**4840**	
	MW-77	Apr-22			505	**353**	**10.3**		1.17		52.2	876	**4350**	**6030**	
	MW-77	Mar-23			444	**459**	**11.5**	<0.480 Q[R]		<0.420 Q[R]	37.5	778	**2840**	**5000**	
	MW-77	Apr-24			475	**435**	**8.81**	<0.480		<0.420	50.4	847	**3210**	**6720**	
	MW-77	Apr-25			548	**883**	**7.21 J**	<4.42 T8		**<3.97** T8	42.9	963	**3290**	**6340**	
	MW-78	Apr-22			321	183	**17.0**		2.68		15.6	208	**1700**	**2500 J3**	
	MW-78	Mar-23			301	96.5	**18.4**	1.60 Q		<0.420 Q	13.0	147	**1460**	**2740**	
	MW-78	Apr-24			262	**273 V**	**13.1 J6**	4.65 J6		<0.210 P1	15.5	328	**1260**	**2620**	
	MW-78	Apr-25			519	**544**	**11.9**	<4.42 T8		**<3.97** T8	19.6	557	**2730**	**5020**	
	MW-79	Mar-23			571	**1540**	**5.86 B**	1.83 BQ		<0.420 Q	6.54	945	**2050**	**5140**	
	MW-79	Oct-23			632	**1600**	**4.75**	3.50 Q		<0.420 Q	7.18	930	**1970**	**4370**	
	MW-79	Apr-24			626	**1430**	**6.44**	2.65		<0.420	7.05	882	**1950**	**4080**	
	MW-79	Oct-24			669	**1460**	**5.92**	0.907 JQ		<0.794 Q	7.18	991	**2040**	**5600**	
	MW-79	Apr-25			682	**1630**	**5.42**	2.31		<0.794	7.27	961	**2130**	**6080**	
	MW-79	Oct-25			631	**1300**	**5.01**	<0.884		<0.794	6.12	805	**1890**	**4960**	
	MW-80	Apr-22			542	**983**	**2.57**		0.371		2.61	720	**1940**	**4700 Q**	
	MW-80	Mar-23			592	**1200**	**3.00 B**	0.794 JBQ		0.435 JQ	2.74	728	**2010**	**4350**	
	MW-80	Apr-24			706	**1360**	**2.79**	0.931 J		<0.420	3.14	756	**1820**	**3780**	
	MW-80	Apr-25			627	**1370**	**2.69**	<0.884		<0.794	2.85	887	**2090**	**5640**	
	MW-81	Apr-22			449	**1010**	**6.19**		8.37		6.31	1070	**2010**	**4930 Q**	
	MW-81	Mar-23			455	**1060**	**7.42**	**10.3**		<0.420	6.16	898	**1980**	**4200 J3**	
	MW-81	Apr-24			465	**937**	**6.25**	**10.6**		**1.71**	6.40	934	**1980**	**3620**	
	MW-81	Apr-25			494	**1030**	**5.65**	**14.6**		<0.794	6.25	969	**2160**	**5350**	
	MW-82	Apr-22			531	**1540**	**9.26**		1.12		9.50	1110	**2380**	**5620 Q**	
	MW-82	Mar-23			502	**1490**	**9.11**	2.16 Q		<0.420 Q	8.72	1100	**1870**	**5950**	
	MW-82	Apr-24			525	**1630**	**7.54**	4.87 Q		<0.420	8.75	1180	**2160**	**4380**	
	MW-82	Apr-25			535	**1450**	**11.4**	<4.42 T8		**<3.97** T8	8.29 J	1210	**2260**	**5890**	
	MW-83	Mar-23			508	132	**6.51**	6.29 Q		<0.420 Q	53.0	259	**3900**	**5500**	
	MW-83	Oct-23			446	**578**	**5.80**	1.59		<0.420	43.2	476	**3240**	**4680**	
	MW-83	Apr-24			298	**952**	**5.84**	<0.480		<0.420	28.5	726	**1840**	**3560**	
	MW-83	Oct-24			456	**790**	**5.87**	4.13 Q		<0.794 Q	39.3	630	**3220**	**6290**	
	MW-83	Apr-25			422	**998**	**3.84**	1.69 T8		<0.794 T8	20.6	832	**1780**	**4760**	
	MW-83	Oct-25			387	**1080**	**3.45**	<0.884		<0.794	15.1	910	**1460**	**4240**	
	MW-84	Mar-23			594	**1290**	**4.18**	1.53 BQ		<0.420 Q	7.23	1520	**4640**	**8420 J3**	
	MW-84	Oct-23			557	**1210**	**<6.40**	7.89 JQ		**<4.20** Q	5.92	1280	**4100**	**7080**	
	MW-84	Apr-24			581	**1330**	**5.94**	<0.480 Q		<0.420 Q	6.23	1410	**4390**	**6860**	
	MW-84	Oct-24			583	**1220**	**5.60**	<0.884 Q		<0.794 Q	5.81	1630	**4790**	**9500**	
	MW-84	Apr-25			545	**1360**	**<3.80**	<4.42 T8		**<3.97** T8	7.05 J	1470	**4570**	**8820**	
	MW-84	Oct-25			587	**1290**	**5.86**	<0.442		<0.397	5.86	1490	**4240**	**9200**	
	MW-86	Jun-20			544	**555**	**8.20**		<1.00		8.40	806	**4170**	**8130**	<0.0900
	MW-86	Oct-20			535	**671**	**6.03**		<0.0500		6.70	947	**3100**	**7830**	0.00261 J

Appendix B, Table B.5 - Summary of Groundwater Analytical Data - Water Quality and Cyanide

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Water Quality Parameters										Cyanide
				Analyte	Calcium	Chloride	Fluoride	Nitrate	Nitrate/Nitrite	Nitrite	Potassium	Sodium	Sulfate	TDS	Cyanide
				CAS	7440-70-2	16887-00-6	16984-48-8	14797-55-8	NO3NO2	14797-65-0	7440-09-7	7440-23-5	14808-79-8	TDS	57-12-5
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	--	250	1.60	10.0	10.0	1.00	--	--	600	1000	0.200
				CGWSL Source	--	WQCC Dom	WQCC HH	WQCC HH	WQCC HH	WQCC HH	--	--	WQCC Dom	WQCC Dom	WQCC HH
Area	**Well ID**	**Date**	**Dup**												
Evaporation Ponds	MW-87	Mar-23		623	**3580**	**1.73**	<0.480		<0.420		20.7	2500	**4050**	**12300**	
	MW-87	Oct-23													
	MW-87	Apr-24		635	**3440**	**2.10**	1.72 B		**3.26 B**		21.9	2670	**4110**	**9020**	
	MW-87	Oct-24													
	MW-87	Apr-25		751 V	**6560**	**<3.80**	<4.42 T8		**<3.97** T8		28.9	3800 V	**4600**	**16200**	
	MW-87	Oct-25													
	MW-88	Mar-23		402	**2040**	1.51	0.728 JB		<0.420		3.01	1610	**2920**	**6340**	
	MW-88	Oct-23		389							2.87 J	1480			
	MW-88	Apr-24		377 V	**1830**	**2.09**	1.16 B		0.979 JB		4.18	874 V	**2570**	**7600**	
	MW-88	Oct-24													
	MW-88	Apr-25		676	**1670**	1.50	<0.884		<0.794		1.91 J	1150	**2510**	**6720**	
	MW-88	Oct-25													
	MW-120	Mar-23		548	**2160**	**2.89**	<0.480		<0.420		3.04	1290	**2410**	**7710**	
	MW-120	Oct-23		608	**1990**	**2.56**	1.01		<0.420		3.99	1300	**2210**	**6280**	
	MW-120	Apr-24		460	**1450**	**2.90**	<0.480		<0.420		3.40	1130	**2250**	**5560**	
	MW-120	Oct-24		558	**1280**	**3.22**	<0.884 Q		<0.794 Q		3.00	1130	**2940**	**5890**	
	MW-120	Apr-25		627	**3070**	**2.71**	<0.884		<0.794		3.62 J	1740	**2460**	**8400**	
	MW-120	Oct-25		697	**2930**	**3.81**	<0.442		<0.397		4.45	2080	**3440**	**8960**	
	MW-121	Mar-23		605	**1160**	**5.77**	0.951 J		<0.420		3.02	676	**2260**	**4810**	
	MW-121	Oct-23		597	**888**	**4.65**	1.59		<0.420		3.60	632	**2110**	**3980**	
	MW-121	Apr-24		562	**583**	**5.70**	<0.480		<0.420		2.98	615	**2370**	**4590**	
	MW-121	Oct-24		667	**798**	**5.60**	<0.884 Q		<0.794 Q		3.47	572	**2630**	**4740**	
	MW-121	Apr-25		562	**602**	**4.36**	<0.884		<0.794		2.94	494	**2110**	**4500**	
	MW-121	Oct-25		730	**1150**	**4.80**	<0.442		<0.397		3.67	590	**2070**	**4750**	
	MW-122	Mar-23		508	**1650**	**3.11**	1.05		<0.420		4.06	1040	**2210**	**7010**	
	MW-122	Oct-23		391	**1120**	**1.61**	1.08		<0.420		3.96	708	**1470**	**3070**	
	MW-122	Apr-24		382	**1090**	**2.79**	<0.480		<0.420		3.62	724	**1660**	**4170**	
	MW-122	Oct-24		460	**1110**	**1.94**	<0.884 Q		<0.794 Q		4.11	744	**1770**	**4610**	
	MW-122	Apr-25		756	**3320**	**2.86**	<0.884		<0.794		5.57 J	2170	**3690**	**11000**	
	MW-122	Oct-25		438	**1270**	**2.31**	<0.442		<0.397		3.80	1020	**1870**	**4940**	
	MW-123	Mar-23		503	**1370**	1.52	<0.480		<0.420		3.39	1070	**1890**	**4800** J3	
	MW-123	Oct-23		519	**1170**	1.08 J	<0.480 Q[R]		<0.420 Q[R]		3.54	1040	**1640**	**5340 Q**	
	MW-123	Apr-24		496	**1350**	**<6.40**	1.02 B		1.00 B		3.58	1000	**1950**	**3730**	
	MW-123	Oct-24		507 V	**1350**	1.03 J	<0.884 Q		<0.794 Q		3.42	1030	**2090**	**5180**	
	MW-123	Apr-25		525	**1320**	1.32 J	<0.884		<0.794		3.16 J	1070	**1850**	**5330**	
	MW-123	Oct-25		494	**1320**	1.13 J	<0.884		<0.794		3.65	1110	**1880**	**5090**	
	MW-124	Mar-23		746	**3100**	1.19 J	<0.480		<0.420		6.43	1690	**3430**	**10300**	
	MW-124	Oct-23		724	**3140**	1.17 J	1.33		<0.420		6.38 J	1730	**3440**	**11000**	
	MW-124	Apr-24		760	**2800**	**1.63**	1.12 B		**1.43 B**		6.46	1890	**3280**	**10600**	
	MW-124	Oct-24		797	**3150**	1.21	5.88 Q		**5.27 Q**		7.16 J	1860	**3640**	**10800**	
	MW-124	Apr-25		791	**3300**	**<3.80**	<4.42 T8		**<3.97** T8		7.26 J	1920	**3820**	**10400**	
	MW-124	Oct-25		776	**3490**	1.31 J	<0.884		<0.794		7.40	2000	**3910**	**10700**	
	OCD-1R	Mar-23		562	**2390**	**2.98**	<0.480 Q		<0.420 Q		3.61	1850	**3120**	**7500**	
	OCD-1R	Oct-23		710	**1840**	**1.90**	<0.480		<0.420		4.17	1240	**2600**	**5170**	
	OCD-1R	Apr-24		561	**1740**	**2.18**	<0.480		<0.420		2.90	983	**2200**	**4520**	
	OCD-1R	Oct-24		647	**1750**	**2.01**	<0.0884		<0.0794		3.93	1200	**2170**	**6750**	
	OCD-1R	Apr-25		757	**3380**	**2.84**	<0.884		<0.794		4.02 J	3080	**4530**	**13000**	
	OCD-1R	Oct-25		685	**2570**	**3.00**	<0.884		0.874 J		4.22 J	1940	**3040**	**9320**	
	OCD-2A	Mar-23		709	**1880**	0.763 J	<0.480		<0.420		5.41	1060	**2010**	**4660**	
	OCD-2A	Oct-23													
	OCD-2A	Apr-24		613	**1500**	**1.75**	0.619 J		<0.420		4.88	904	**1750**	**4630**	
	OCD-2A	Oct-24													
	OCD-2A	Apr-25		699	**2760**	0.975 J	<0.884		<0.794		3.65 J	1760	**3140**	**8440**	
	OCD-2A	Oct-25													
	OCD-3	Mar-23		601	**1070**	1.26 J	<0.480 Q[R]		<0.420 Q[R]		8.36	546	**1720**	**3560**	
	OCD-3	Oct-23													
	OCD-3	Apr-24		567	**1090**	0.899 J	<0.480		<0.420		8.38	627	**1690**	**3640**	
	OCD-3	Oct-24													
	OCD-3	Apr-25		503	**1190**	0.814 J	<0.884		<0.794		8.18	915	**2380**	**4910**	
	OCD-3	Oct-25													
	OCD-4	Mar-23		853	**5320**	**3.91 JB**	3.41 JBQ		**<2.10** Q		32.7	3250	**3240**	**11400**	
	OCD-4	Oct-23													
	OCD-4	Apr-24		683	**4120**	1.12 J	0.864 JB		**1.85 B**		27.3	2250	**3090**	**7920**	
	OCD-4	Oct-24													
	OCD-4	Apr-25		926	**6150**	<0.761	<0.884		<0.794		35.7	3930	**3740**	**15400**	
	OCD-4	Oct-25													
	OCD-5	Mar-23		815	**4650**	**3.81 JB**	3.42 JBQ		**<2.10** Q		37.5	2840	**3230**	**10600**	
	OCD-5	Oct-23		833	**4560**	<0.640	1.10		<0.420		32.6	2690	**2730**	**10200**	
	OCD-5	Apr-24		749	**4610**	<0.640	<0.480		<0.420		33.6	2830	**3050**	**8840**	
	OCD-5	Oct-24		856	**4950**	0.917	4.68 J		<0.397		32.3	3180	**2970**	**12800**	
	OCD-5	Apr-25		910	**4600**	0.842 J	<0.884		<0.794		33.6	3290	**3250**	**13500**	
	OCD-5	Oct-25		731	**4290**	1.06 J	<8.84		<0.794		32.5	2870	**2750**	**12200**	
	OCD-6	Mar-23		913	**4510**	**2.81 B**	0.951 J		**2.00**		14.6	2460	**2760**	**12000**	
	OCD-6	Oct-23		894	**4620**	**2.26**	<0.480		<0.420		15.0	2600	**2670**	**8660** J3	
	OCD-6	Apr-24		924	**4580**	**2.37**	<0.480		<0.420		14.6	2790	**2700**	**8820**	
	OCD-6	Oct-24		960	**4810**	**2.75**	<0.884 Q		<0.794 Q		14.1	2960	**3220**	**12400**	
	OCD-6	Apr-25		876	**4290**	**<3.80**	<4.42 T8		**<3.97** T8		14.5	2660	**3000**	**11100**	
	OCD-6	Oct-25		1050	**4850**	**2.52**	<0.884		<0.794		14.7	2990	**2830**	**12600**	
	OCD-7AR	Mar-23		621	**2600**	**3.11 B**	0.792 J		**1.50**		5.46	2380	**3720**	**10800**	
	OCD-7AR	Oct-23		627 V	**2370**	**2.21**	<0.480		<0.420		6.30	2380	**3220**	**9240**	
	OCD-7AR	Apr-24		708	**2800**	**2.59**	<0.480		<0.420		6.48	2740	**3690**	**10600**	
	OCD-7AR	Oct-24		667	**2810**	**3.18**	<0.884 Q		<0.794 Q		6.30	2470	**4120**	**11000**	
	OCD-7AR	Apr-25		661	**2730**	**4.10 J**	<4.42 T8		**<3.97** T8		5.91	2560	**3900**	**10300**	
	OCD-7AR	Oct-25		670	**3340**	**2.61**	<0.884		<0.794		6.52	2810	**3660**	**11000**	
	OCD-7B	Apr-19		590	**874**	0.839		<0.0197			11.7	678	**2260**	**4760**	
	OCD-7B	Apr-21		590	**822**	0.950		<0.0500			11.6	680	**2170**	**4100**	
	OCD-7B	Mar-23		582	**903**	1.59 B	<0.480			0.493 J	11.1	689	**2220**	**5070**	
	OCD-7B	Apr-25		608	**921**	1.13 J	<0.884 T8			<0.794 T8	11.9	793	**2190**	**4940**	
	OCD-8A	Mar-23		674	**4490**	**2.13**	<0.480			<0.420	8.49	2950	**3750**	**14200**	<0.00180
	OCD-8A	Oct-23		659	**3500**	**2.71**	<0.480			<0.420	9.15 J	2530	**3710**	**11200**	<0.00180
	OCD-8A	Apr-24		689	**3260**	**2.25**	<0.480			<0.420	9.65 J	2670	**3870**	**9420**	<0.00180 J6
	OCD-8A	Oct-24		638	**2960**	**2.62**	2.83			**4.74 J**	9.18	2490	**3770**	**10900**	<0.00180 J6
	OCD-8A	Apr-25		702	**5060**	**<3.80**	<4.42 T8			**<3.97** T8	9.29 J	3590	**4730**	**14800**	
	OCD-8A	Oct-25		706	**4300**	**2.27**	<0.884			<0.794	10.0	3040	**4380**	**13200**	
	OCD-8B	Apr-19		715 V	**3230**	0.774		<0.0197			9.61	1490 V	**4950**	**7690**	
	OCD-8B	Apr-21		691	**2200**	0.744		<0.0500			9.76	1500	**2440**	**7480**	
	OCD-8B	Mar-23		689	**2480**	1.03 J	<0.480			<0.420	9.46	1490	**2430**	**7840**	
	OCD-8B	Apr-25		805	**2910**	**<3.80**	<4.42 T8			**<3.97** T8	10.8	1710	**2420**	**8100**	
Field East of Refinery	KWB-1A	Mar-23		439	**254**	1.56	<0.480			<0.420	0.941 J	230	**2260**	**3670**	<0.00180
	KWB-1A	Oct-23		433	201	1.01 J	<0.480 Q			<0.420 Q	0.860 J	216	**1910**	**3100**	<0.00180
	KWB-1A	Apr-24		390	206	1.60	3.05			<0.420	0.834 J	197	**1950**	**2540**	<0.00180
	KWB-1A	Oct-24		381	212	1.00 J	<0.884 Q			<0.794 Q	0.822 J	217	**2010**	**3350**	<0.00180
	KWB-1C	Apr-19		533	**317**	1.16		0.629			1.39	274	**2550**	**4680**	
	KWB-1C	Apr-21		488	**275**	1.15		0.0807 J			1.24 J	249	**2580**	**4490**	
	KWB-1C	Mar-23		441	**265**	1.16 J	<0.480			<0.420	1.13 J	229	**2310**	**4540**	
	KWB-1C	Apr-25		411	235	1.23	<0.442			<0.397	1.32 J	207	**2120**	**3550**	

Appendix B, Table B.5 - Summary of Groundwater Analytical Data - Water Quality and Cyanide

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Water Quality Parameters										Cyanide
				Analyte	Calcium	Chloride	Fluoride	Nitrate	Nitrate/Nitrite	Nitrite	Potassium	Sodium	Sulfate	TDS	Cyanide
				CAS	7440-70-2	16887-00-6	16984-48-8	14797-55-8	NO3NO2	14797-65-0	7440-09-7	7440-23-5	14808-79-8	TDS	57-12-5
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	--	250	1.60	10.0	10.0	1.00	--	--	600	1000	0.200
				CGWSL Source	--	WQCC Dom	WQCC HH	WQCC HH	WQCC HH	WQCC HH	--	--	WQCC Dom	WQCC Dom	WQCC HH
Area	**Well ID**	**Date**	**Dup**												
Field East of Refinery	KWB-3AR	Apr-25			482	184	0.486 J	8.17 T8		<0.397 T8	0.905 J	194	**2350**	**3850**	
	KWB-3AR	Nov-25			589	**285**	<0.761	**11.8**		<0.794	0.579	218	**2430**	**3800**	
	KWB-7	Mar-23			291	**398**	0.972	0.0650 JBQ		<0.0420 Q	0.358 J	244	538	**2020** J3	<0.00900
	KWB-7	Oct-23			387	**291**	0.655 J	1.84		<0.420	0.304 J	210	**1200**	**2420** J3	<0.00720
	KWB-7	Apr-24			263	**414** V	1.20	0.309 B		0.0974 JBP1	0.331 J	251	446 V	**1790**	<0.00900
	KWB-7	Oct-24			383	**325**	0.970	<0.0884		<0.0794	0.398 J	251	**1190**	**2780**	<0.00180
	KWB-7	Oct-25			371	**252**	1.27 J	<8.84		<0.794	0.351 J	196	**1260**	**2700**	
	KWB-8	Apr-17			237	**574**	0.623		0.0510 J		0.414 J	320	442	**2400**	<0.00180
	KWB-8	Oct-17			273	**913**	0.467		<0.985		0.411 J	462	417	**3270**	<0.00180
	KWB-8	Oct-20			301	**398**	0.694		<1.00		<0.534	546	**1660**	**4440**	<0.0180
	KWB-10R	Apr-17			134	230	1.57		<0.0197		0.521 J	131	0.475 J	**1130**	
	KWB-10R	Oct-17			138	186	1.39		0.440		0.453 J	123	3.08 J	**1080**	
	KWB-10R	Apr-18			138	183	1.35		0.0250 J		0.430 J	122	<0.0774	**1060**	
	KWB-10R	Oct-18			130	188	1.33		<0.0197		0.836 JB	110	<0.0774	**1040**	
	KWB-11A	Mar-23			367	**408**	1.50 JB	<0.480 Q		<0.420 Q	0.772 J	283	**1250**	**2620**	<0.00180
	KWB-11A	Oct-23			408	**340**	<0.640	1.15		<0.420	0.851 J	244	**1300**	**2910**	<0.00180
	KWB-11A	Apr-24			370	**354**	0.849 J	0.728 JB		0.557 JB	0.782 J	251	**1180**	**2310**	<0.00180 J6
	KWB-11A	Oct-24			397	**353**	0.729	<0.0884		<0.0794	0.913 J	255	**1250**	**2810**	<0.00180
	KWB-11A	Apr-25			370	**351**	0.565 J	<0.442		<0.397	0.900 J	248	**1280**	**2780**	
	KWB-11A	Oct-25			362	**335**	0.893 J	<8.84		<0.794	0.911 J	229	**992**	**2520**	
	KWB-11B	Mar-23			497	**359**	<0.640	3.22		<0.420	2.37	103	**1410**	**2600**	<0.00180
	KWB-11B	Oct-23			501	**342**	<0.640	2.17		<0.420	2.28	109	**1430**	**2450**	<0.00180
	KWB-11B	Apr-24			534	**327**	0.794 J	1.54 B		0.561 JB	2.40	115	**1440**	**3090**	<0.00180
	KWB-11B	Oct-24			521	**330**	0.312	2.21		<0.0794	2.37	121	**1420**	**2640**	<0.00180
	KWB-11B	Apr-25			431	**260**	<0.380	2.32		<0.397	2.77	86.4	**1480**	**2690**	
	KWB-11B	Oct-25			498	**317**	0.849 J	<0.884		<0.794	2.46	114	**1700**	**2740**	
	KWB-12A	Sep-21			544	195 B	0.623		**10.6** V		1.07 J	185	**2090**	**3960**	<0.00180
	KWB-12A	Oct-22			547	158	0.993 J		8.00		0.950 J	177	**1960**	**1790**	<0.00180
	KWB-12A	Oct-23			514	173	<0.640	6.46		<0.420	1.09 J	178	**1930**	**2990**	<0.00360
	KWB-12A	Oct-24			574	163	0.594 J	**25.9 Q**		**1.30 Q**	4.89	171	**1820**	**3550**	<0.0450
	KWB-12B	Mar-23			535	117	<0.640	3.96 Q		<0.420	0.717 J	146	**2050**	**3480**	<0.00180
	KWB-12B	Mar-23	FD		534	130	<0.640	7.19		<0.420	0.681 J	146	**2230**	**3290**	<0.00180
	KWB-12B	Oct-23			520	150	0.683 J	**10.4**		<0.420	0.613 J	160	**1980**	**2920**	<0.00360
	KWB-12B	Oct-23	FD		519	148	<0.640	9.14		<0.420	0.596 J	162	**1960**	**3040**	<0.00360
	KWB-12B	Apr-24			572	130	<0.640	6.24		<0.420	0.745 J	141	**1940**	**3130**	<0.00180
	KWB-12B	Apr-24	FD		556	123	<0.640	8.61		<0.420	0.708 J	145	**1970**	**3500**	0.00193 J
	KWB-12B	Oct-24			546	132	<0.761	1.87 BQ		<0.794 Q	0.659 J	154	**2490**	**3790**	**0.500**
	KWB-12B	Oct-24	FD		552	132	<0.761	1.85 BQ		<0.794 Q	0.682 J	153	**2490**	**3790**	**0.535**
	KWB-12B	Apr-25			530	135	0.436 J	2.08		<0.397	0.737 J	148	**2180**	**3520**	
	KWB-12B	Apr-25	FD		529	129	<0.761	<0.884		<0.794	0.727 J	155	**2180**	**3860**	
	KWB-12B	Oct-25			531	119	<0.761	1.68		<0.794	0.689 J	143	**2090**	**3680**	
	KWB-12B	Oct-25	FD		534	122	<0.761	1.72		<0.794	0.711 J	146	**2030**	**3810**	
	KWB-P4	Apr-19													
	KWB-P4	Apr-21													
	KWB-P4	Mar-23													
	KWB-P4	Apr-25													
	MW-57	Oct-20			529	135	**1.99**		4.83		2.97	287	**2140**	**4040**	
	MW-57	Apr-21			460	210	**1.88**		7.90		1.50 J	265	**1910**	**3730**	
	MW-57	Sep-21			652	**496**	**3.42**		**34.2**		3.11	455	**3310**	**3170**	
	MW-57	Apr-22			436	**321**	**2.80**		3.10		2.13	319	**2270**	**3950**	
	MW-58	Oct-17			235	249	1.26		<0.0197		0.553 J	116	13.1	**1340**	<0.00180
	MW-58	Apr-18			215	207	1.37		<0.0985		0.290 J	98.5	2.59 J	**1250**	<0.00180
	MW-58	Oct-18			176	151	1.06		<0.394		1.20	74.3	56.9	**1040**	<0.00180 J3J6
	MW-58	Oct-19			229	**294**	1.33		<0.0197		2.06	70.3	1.49 JB	**1140**	<0.00180
	MW-111	Oct-18			203	**412**	1.46		<0.0197		0.588 JB	221	331	**1810**	
	MW-111	Apr-19			340	**375**	0.957		<0.0197		1.83	209	322	**2000**	
	MW-111	Oct-19			212	**429**	1.38		<0.0197		0.214 J	239	317	**2070**	
	MW-111	Jun-20			251	**409**	1.08		<0.0500		1.11 J	206	372	**1970**	
	MW-112	Nov-14			190	230	1.00		<0.0200		0.310 J	190	5.40	**1200**	
	MW-113	Mar-23			273	216	0.541 B	<0.0480 Q[R]		<0.0420 Q[R]	0.421 J	171	**903**	**1910**	
	MW-113	Mar-23	FD		254	218	0.651 J	<0.480 Q[R]		<0.420 Q[R]	0.358 J	167	**862**	**2150**	
	MW-113	Oct-23			198	**343**	<0.640	0.503 J		<0.420	0.306 J	272	38.5 J	**1890**	
	MW-113	Oct-23	FD		204	**339**	<0.640	0.632 J		<0.420	0.314 J	279	36.7 J	**1890**	
	MW-113	Apr-24			244	177	0.486	<0.0480		<0.0420	0.552 J	160	**733**	**1920** Q	
	MW-113	Apr-24	FD		266	198	0.487	9.02 Q		<0.0420 Q	0.370 J	167	**758**	**1070**	
	MW-113	Oct-24			175 V	**270**	0.650	<0.0884		<0.0794	0.303 J	228 V	16.1	**1570**	
	MW-113	Oct-24	FD		174	**267**	0.633	<0.0884		<0.0794	0.289 J	231	11.7	**1570**	
	MW-113	Apr-25			288	182	<0.761	<0.884 T8		<0.794 T8	0.554 J	169	**875**	**2100**	
	MW-113	Apr-25	FD		292	183	<0.761	<0.884 T8		<0.794 T8	1.02 J	175	**875**	**2100**	
	MW-113	Oct-25			299	155	<0.761	<0.884		<0.794	0.537 J	158	**926**	**2120**	
	MW-113	Oct-25	FD		293	163	0.554 J	<0.442		<0.397	0.578 J	176	**897**	**2200**	
	MW-125	Mar-23			466 V	**252**	1.28 J	<0.480 Q		<0.420 Q	1.21 J	190	**2140**	**3500**	
	MW-125	Oct-23			500	241	1.14 J	<0.480		0.579 J	1.26 J	199	**2150**	**4020**	
	MW-125	Apr-24			482	225	0.901 J	<0.480		<0.420	1.23 J	189	**2280**	**2000**	
	MW-125	Oct-24			505	239	1.01	1.13		<0.0794	1.29 J	211	**2140**	**3610**	
	MW-125	Apr-25			478	204	0.959 J	<0.884 T8		<0.794 T8	1.27 J	199	**2080**	**3700**	
	MW-125	Oct-25			452	185	1.55	<0.884		<0.794	1.19 J	178	**2290**	**3240**	
	MW-126A	Apr-19			382	191	0.757		<0.0197		0.547 JB	138	**1350**	**2540**	
	MW-126A	Oct-19			325	136	0.937		<0.0197 J5		0.670 J	152	**1330**	**2330**	
	MW-126A	Jun-20			357	198	0.869		<0.0500		<0.534	152	**1590**	**2680**	
	MW-126A	Oct-20			396	210	0.706		<0.0500		<0.534	189	**1510**	**3150**	
	MW-126B	Mar-23			497	**258**	<0.640	0.683 J		<0.420	2.23	196	**2060**	**3690**	
	MW-126B	Oct-23			522	**255**	0.861 J	1.79 Q		<0.420 Q	2.25	192	**1760**	**3220**	
	MW-126B	Apr-24			553	245	0.919 J	<0.480		<0.420	2.39	184	**2040**	**2830**	
	MW-126B	Oct-24			567	**254**	0.669 J	6.87 Q		**<3.97** Q	2.40	207	**2020**	**3540**	
	MW-126B	Apr-25			507	**251**	0.832	<0.442		<0.397	2.38	203	**2190**	**3650**	
	MW-126B	Oct-25			511	242	1.07 J	<0.884		<0.794	2.32	196	**1820**	**3520**	
	MW-127	Oct-17			262	231	0.993		0.146		1.46	142	**776**	**1970**	
	MW-127	Apr-18			245	225	0.997		<0.0985		0.279 J	148	**677**	**2010**	
	MW-127	Oct-18			240	219	0.979		<0.0197		1.29 JB	135	**670**	**1940**	
	MW-127	Apr-19			267	208	0.855		<0.0197		0.438 JB	163	**612**	**1990**	
	MW-128	Oct-17			186	200	1.29		<0.0197		0.354 JB	107	248	**1370**	
	MW-128	Apr-18			181	175	1.23		<0.0197		0.764 J	115	207	**1280**	
	MW-128	Oct-18			161 V	170	1.13		0.0230 JJ6		0.412 J	97.3 O1V	147	**1650**	
	MW-128	Apr-19			181	173	1.06		<0.0197		0.725 J	115	126	**1300**	
	MW-129	Apr-15			192	**302**	0.900		<0.200		0.530 J	195	69.4	**1330**	
	MW-129	Oct-15			169	**313**	1.08		<0.197		0.315 J	194	57.8	**1280**	
	MW-129	Apr-17			163	**300**	1.02		<0.197 J5		0.334 J	199	44.1	**1250**	
	MW-129	Apr-18			162	**282**	1.04		<0.0197		0.251 J	201	52.6	**1270**	
	MW-130	Mar-23			229	142	0.885	0.199		<0.0420	1.06 J	268	<0.594	**1700**	
	MW-130	Oct-23			229	150	0.732	0.711		0.0697 J	0.674 J	269	**679**	**1890**	
	MW-130	Apr-24			204	126	0.805	1.04		<0.0420	0.703 J	250	**626**	**1630**	
	MW-130	Oct-24			206	156	0.759	0.159 BQ		<0.0794 Q	0.681 J	262	**781**	**1870**	
	MW-130	Apr-25			204	140	0.850	<0.442 T8		<0.397 T8	0.772 J	267	**634**	**1980**	
	MW-130	Oct-25			204	147	0.986 J	<0.884		<0.794	0.784 J	250	**674**	**1700**	

Appendix B, Table B.5 - Summary of Groundwater Analytical Data - Water Quality and Cyanide

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Water Quality Parameters										Cyanide
				Analyte	Calcium	Chloride	Fluoride	Nitrate	Nitrate/Nitrite	Nitrite	Potassium	Sodium	Sulfate	TDS	Cyanide
				CAS	7440-70-2	16887-00-6	16984-48-8	14797-55-8	NO3NO2	14797-65-0	7440-09-7	7440-23-5	14808-79-8	TDS	57-12-5
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	--	250	1.60	10.0	10.0	1.00	--	--	600	1000	0.200
				CGWSL Source	--	WQCC Dom	WQCC HH	WQCC HH	WQCC HH	WQCC HH	--	--	WQCC Dom	WQCC Dom	WQCC HH
Area	**Well ID**	**Date**	**Dup**												
Field East of Refinery	MW-131	Apr-17		151	**285**	0.773		<0.197		0.275 J	153	10.3	**1230**		
	MW-131	Oct-17		149	**284**	0.807		<0.0197		0.200 J	149	15.5	**1290**		
	MW-131	Oct-19		145	**288**	0.845		<0.0197		0.251 J	150	19.7	**1210**		
	MW-131	Jun-20		153	**283**	0.865		<0.0500		<0.534	163	24.7	**1270**		
	MW-133	Nov-14		200	170	1.10		<0.0200		0.460 J	140	140	**1300**		
	MW-133	Apr-15		163	174	1.19		<0.200		0.323 J	122	116	**1190**		
	MW-134	Mar-23		503	**307**	1.53	2.27		<0.420	1.55 J	242	**2550**	**4300**		
	MW-134	Mar-23	FD	473	**307**	0.920 J	3.06		<0.420	1.43 J	233	**2550**	**4050**		
	MW-134	Oct-23		493	**305**	1.01 J	2.15 Q		<0.420 Q	1.63 J	237	**2360**	**3520** J3		
	MW-134	Oct-23	FD	490	**297**	1.19 J	2.74		<0.420	1.53 J	232	**2300**	**3910**		
	MW-134	Apr-24		443	**301**	**2.01**	0.857 J		<0.420	1.69 J	215	**2460**	**2410** J3		
	MW-134	Apr-24	FD	492	**294**	0.773 J	<0.480		<0.420	1.68 J	231	**2510**	**3000**		
	MW-134	Oct-24		496	**284**	1.54				1.65 J	239	**2750**	**4430**		
	MW-134	Oct-24	FD	486	**289**	0.887 J	<0.884 Q		<0.794 Q	1.84 J	239	**2850**	**4460**		
	MW-134	Apr-25		496	**287**	0.967 J	<0.884 T8		<0.794 T8	1.73 J	235	**2540**	**4550**		
	MW-134	Apr-25	FD	500	**285**	0.814 J	<0.884 T8		<0.794 T8	1.79 J	241	**2690**	**4270**		
	MW-134	Oct-25		492	**272**	1.17 J	<0.884		<0.794	1.86 J	236	**2330**	**4200**		
	MW-134	Oct-25	FD	476	**278**	1.17 J	<0.884		<0.794	1.67 J	225	**2330**	**4180**		
	MW-135	Mar-23		543	**532**	1.25 J	7.87		<0.420	0.860 J	600	**2810**	**4790**		
	MW-135	Oct-23		568	**568**	1.08 J	8.08		<0.420	0.854 J	568	**2300**	**3780**		
	MW-135	Apr-24		564	**467**	**<6.40**	8.03		0.871 J	0.896 J	556	**2640**	**5380**		
	MW-135	Oct-24		517	**367**	0.985 J	**14.9 Q**		**<7.94** Q	0.739 J	386	**2520**	**4740**		
	MW-135	Apr-25		565	**389**	0.799 J	7.64		<0.794	1.10 J	402	**2620**	**4760**		
	MW-135	Oct-25		574	180	<0.761	2.00		<0.794	0.883 J	332	**1560**	**4470**		
	MW-145	Mar-23		548	**372**	**1.73 B**				1.24 J	261	**2720**	**4580**		
	MW-145	Oct-23		569	**353**	1.21 J				1.38 J	239	**2810**	**2990**		
	MW-145	Apr-24		556 O1V	**331**	**1.88 B**				1.27 J	248 O1V	**1640**	**4080**		
	MW-145	Oct-24		526	**326**	1.12				1.16 J	226	**2450**	**4020**		
	MW-145	Apr-25		540	**317**	1.06 J				1.36 J	237	**2550**	**4870**		
	MW-145	Oct-25		527	**293**	1.29 J				1.15 J	228	**2410**	**4550**		
	MW-146	Mar-23		509	**279**	**1.82 B**				1.39 J	251	**2880**	**3860**		
	MW-146	Mar-23	FD	518	**272**	**1.87 B**				1.45 J	260	**2920**	**4510**		
	MW-146	Oct-23		513	**296**	1.24 J				1.38 J	246	**2940**	**3270**		
	MW-146	Oct-23	FD		**292**	1.18 J						**2700**	**4870**		
	MW-146	Apr-24		566	**276**	**1.71**				1.54 J	275	**2900**	**4980**		
	MW-146	Apr-24	FD	555	**274**	**1.95 B**				1.55 J	257	**1890**	**4990**		
	MW-146	Oct-24		525	**264**	1.09				1.33 J	235	**2810**	**4930**		
	MW-146	Oct-24	FD	522	**262**	**1.67**				1.32 J	235	**3500**	**4560**		
	MW-146	Apr-25		531	**259**	0.983 J				1.56 J	254	**2890**	**5290**		
	MW-146	Apr-25	FD	534	**259**	0.985 J				1.60 J	251	**2960**	**5030**		
	MW-146	Oct-25		520	243	1.25 J				1.39 J	226	**2740**	**4820**		
	MW-146	Oct-25	FD	524	**255**	1.37 J				1.37 J	226	**2980**	**4700**		
	MW-147	Mar-23		568	**431**	**1.79 B**				0.742 J	442	**2780**	**4010**		
	MW-147	Oct-23		581	**404**	**2.16**				0.589 J	351	**2870**	**2710**		
	MW-147	Apr-24		554	**330**	**1.67**				0.690 J	381	**2380**	**4960**		
	MW-147	Oct-24		566	**350**	0.760				0.680 J	350	**2570**	**3950**		
	MW-147	Apr-25		769	**390**	<0.761				1.78 J	364	**2520**	**4540**		
	MW-148	Mar-23		593	**322**	**2.29 B**				9.57	222	**2120**	**3630**		
	MW-148	Oct-23		573	**270**	**2.02**				7.90	180	**1970**	**2710**		
	MW-148	Apr-24		594	249	**1.82**				7.21	208	**2370**	**3450**		
	MW-148	Oct-24		409	219	1.41				4.56	228	**1700**	**2750**		
	MW-148	Apr-25		656	**287**	1.11 J				6.22	216	**1890**	**3780**		
	MW-148	Oct-25		631	**313**	1.44 J				5.35	201	**2110**	**3710**		
	MW-151	Oct-24													
	MW-151	Apr-25													
	MW-160	Oct-24													
	MW-160	Apr-25													
	MW-160	Oct-25													
	MW-161	Oct-24													
	MW-161	Apr-25													
	MW-161	Oct-25													
	RA-1227	Apr-25			124	<0.380	7.13 T8		<0.397 T8			**1560**	**2800**		
	RA-4196	Oct-19		363	131	0.299		<0.0197		1.96	89.2	**1250**	**2160**		
	RA-4196	Jun-20		365	126	0.324		<0.0500		2.17	90.1	**1330**	**2290**		
	RA-4196	Oct-20		382	123	0.348		0.842 J6		2.36	98.7	**1250**	**2340**		
	RA-4196	Mar-23		387	147	0.697 J	2.21 Q		<0.420 Q	2.18	103	**1180**	**1950**		
	RA-4196R	Oct-23		372	147	<0.640	2.67		<0.420	2.09	98.6	**1060**	**2050**		
	RA-4196R	Apr-24		362	154	1.49 J	1.38		<0.420	2.11	103	**1190**	**2180** Q		
	RA-4196R	Oct-24		393	155	0.397	2.77		0.202	2.13	106	**1180**	**2080**		
	RA-4196R	Apr-25		441	170	<0.380	0.868		<0.397	2.22	119	**1420**	**2410**		
	RA-4196R	Oct-25		405	157	0.484 J	1.20		<0.397	2.33	116	**1200**	**2270**		
	RA-4798	Oct-20		356	104	0.358		1.18		2.36	87.6	**1080**	**2200**		
	RA-4798	Apr-21		424	122	0.347		1.49		2.45	106	**1410**	**2510**		
	RA-4798	Sep-21		461	171	0.281		1.05		2.29	126	**1660**	**2830**		
	RA-4798	Apr-22		236	65.3	0.386		0.811		2.04	41.2	**781**	**1330**		
	RW-12R	Apr-17		392	189	0.623		<0.197		0.293 J	152	**1740**	**2420** J3		
	RW-12R	Apr-18		378	155	0.700		<0.0197		0.220 J	171	**1400**	**2400**		
	RW-12R	Apr-19		369 V	154	0.609		<0.0394		0.408 JB	164 V	**1180**	**2450**		
	RW-12R	Jun-20		337	143	0.716		<0.0500		<0.534	158	**1300**	**2750**		
	RW-13R	Apr-18		242	207	0.650		0.0260 JP1		0.378 J	183	525	**1700**		
	RW-13R	Mar-23		191	243	1.18	<0.0480 Q		<0.0420 Q	0.628 J	158	131	**1350**		
	RW-13R	Apr-25		183	226	0.937	<0.0884 T8		<0.0794 T8	0.851 J	159	149	**1230**		
	RW-18A	Apr-18		491	206	**1.82**		0.408		0.832 J	132	**2750**	**3940**		
	RW-18A	Apr-19		549	199	**1.94**		0.286		0.832 J	130	**2390**	**3970**		
	RW-18A	Jun-20		515	211	**2.03**		0.460		0.990 J	120	**2490**	**4280**		
	RW-18A	Mar-23		500	**254**	**1.90**	1.83		<0.420	0.809 J	126	**2190**	**4360**		
	RW-20B	Apr-15		228	**256**	0.530		<0.200		<0.180	228	125	**1430**		
	RW-22	Apr-15		184	**402**	0.860		<0.200		0.319 J	274	78.4	**1680**		
NCL	MW-18	Apr-22		367	216	1.34		**11.7**		1.61 JB	58.1	**1200**	**2390**	<0.00180	
	MW-18	Mar-23		400	200	**1.63**	**10.8 Q**		<0.420	1.72 J	60.3	**1120**	**2200**	<0.00360	
	MW-18	Apr-24		361	190	1.48	**16.9**		0.303	1.55 J	78.4	**989**	**2310**	<0.0180	
	MW-18	Apr-25		378	246	1.29	5.35		<0.397	1.59 J	89.6 B	**892**	**2120**		
	MW-45	Mar-23		525	**338**	**1.86 B**	0.654 JBQ		0.508 JQ	4.23	341	**2230**	**4050**	<0.00180	
	MW-45	Oct-23		489	**279**	1.40 J	<0.480		<0.420	4.18	329	**2130**	**4070**	<0.00180	
	MW-45	Apr-24		506	**289**	1.39 J	**12.3 Q**		<0.420 Q	3.87	324	**1930**	**4130**	<0.00180	
	MW-45	Oct-24		471	250	1.32	<0.0884		<0.0794	3.75	332	**1960**	**3880**	<0.00180	
	MW-45	Apr-25		467	232	<0.761	<0.884 T8		<0.794 T8	3.97	332	**2060**	**3660**		
	MW-45	Oct-25		445 V	208	**1.66**	<0.884		**3.25**	3.91	312 V	**1630**	**3180**		
	MW-53	Apr-15		348	**1010**	0.922		**34.5**		1.16	104	**1290**	**2810** J		
	MW-53	Apr-17		340	222	0.904		**15.6**		1.12	130	**1330**	**2290**		
	MW-53	Apr-18		315	72.9	1.13		1.58 J6		1.12 B	118	**1250**	**1860**		
	MW-53	Apr-19		259	59.6	1.30		0.290		1.17	88.4	**1100**	**1880**		
	MW-53R	Apr-22		288	64.7	1.27		<0.0500		2.12 B	74.7	**1140**	**1710**		
	MW-53R	Mar-23		295	66.5	**1.87 B**	1.23		<0.420	1.88 J	75.7	**1030**	**1760**		
	MW-53R	Apr-24		287	92.7	1.26	0.864		0.0702 JB	1.72 J	79.1	**1030**	**1710**		
	MW-53R	Apr-25		302 V	114	1.29	<0.442		<0.397	1.63 J	74.7 V	**1070**	**2000**		

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Appendix B, Table B.5 - Summary of Groundwater Analytical Data - Water Quality and Cyanide

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Water Quality Parameters										Cyanide
				Analyte	Calcium	Chloride	Fluoride	Nitrate	Nitrate/Nitrite	Nitrite	Potassium	Sodium	Sulfate	TDS	Cyanide
				CAS	7440-70-2	16887-00-6	16984-48-8	14797-55-8	NO3NO2	14797-65-0	7440-09-7	7440-23-5	14808-79-8	TDS	57-12-5
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	--	250	1.60	10.0	10.0	1.00	--	--	600	1000	0.200
				CGWSL Source	--	WQCC Dom	WQCC HH	WQCC HH	WQCC HH	WQCC HH	--	--	WQCC Dom	WQCC Dom	WQCC HH
Area	**Well ID**	**Date**	**Dup**												
NCL	MW-54A	Mar-23		431	231	0.890	0.369 BQ		<0.0420 Q	0.390 JB	67.7	**1130**	**2310**	
	MW-54A	Oct-23		478	230	1.03 J	<0.480		0.572 J	0.353 J	73.5	**1260**	**2880**	
	MW-54A	Apr-24		457	217	1.05 J	<0.480 Q		<0.420 Q	0.370 J	79.5	**1270**	**2690**	
	MW-54A	Oct-24		481	217	0.790	<0.0884		<0.0794	0.318 J	80.1	**1180**	**2550**	
	MW-54A	Apr-25		503	210	0.985	<0.442		<0.397	0.401 J	85.6 B	**1320**	**2660**	
	MW-54A	Oct-25		463	180	1.13 J	<0.884		<0.794	0.333 J	98.1	**1250**	**2790**	
	MW-54B	Apr-19		319	140	0.634		0.0410 J		0.811 J	50.5	**818**	**1870**	
	MW-54B	Apr-21		458	205	0.654		0.0845 J		1.47 J	69.9	**1320**	**2290**	
	MW-54B	Mar-23		473	214	<0.640	2.82		<0.420	1.51 JB	86.8	**1490**	**2900**	
	MW-54B	Apr-25		417	143	0.745 J	<0.442		<0.397	0.964 J	58.2 B	**1040**	**2140**	
	MW-55	Mar-23		248	**391**	1.36	<0.0480		<0.0420	0.577 J	219	**646**	**1930**	<0.00180
	MW-55	Oct-23		228	**315**	1.15	0.669		<0.0420	0.575 J	244	**638**	**1920**	<0.00180
	MW-55	Apr-24		211	**297**	1.05	1.64 Q		<0.0420	0.622 J	252	**697**	**1750**	<0.00180
	MW-55	Oct-24		216	**256**	1.22	0.242		<0.0794	0.560 J	253	**663**	**1980**	<0.00180
	MW-55	Apr-25		213	244	1.53	<0.442		<0.397	0.601 J	236	**661**	**1730**	
	MW-55	Oct-25		256	**298**	1.39	<0.442		<0.397	0.656 J	230	**937**	**2190**	
	MW-56	Mar-23		324	128	1.23	0.610 Q		<0.0420 Q	1.31 J	104	**1100**	**2270**	
	MW-56	Apr-24		343	140	1.07	<0.0480		<0.0420	1.34 J	110	**1230**	**2120**	
	MW-56	Oct-24		314	148	**1.77**	3.57 Q		<0.0794 Q	1.22 J	101	**1100**	**1970**	
	MW-56	Apr-25		332	146	1.02 J	<0.884		<0.794	1.23 J	104	**1020**	**2140**	
	MW-56	Oct-25		314	114	1.08 J	0.996 J		<0.794	1.21 J	102	**851**	**1790**	
	MW-108	Mar-23		238	146	1.08	<0.0480		<0.0420	0.484 J	45.4	105	**1750**	
	MW-108	Oct-23		252	27.3	0.817 J	0.738 J		<0.420	0.479 J	46.9	**829**	**1970**	
	MW-108	Apr-24		214	26.4	1.04	<0.0480		0.0790 J	0.347 J	40.2	**794**	**1610**	
	MW-108	Oct-24		200	30.8	1.26	<0.0884		<0.0794	0.290 J	37.6	569	**1470**	
	MW-108	Apr-25		166	28.2	1.12	<0.442		<0.397	0.239 J	33.0	441	**1300**	
	MW-108	Oct-25		219	24.9	1.45	<4.42		<0.397	0.377 J	34.4	549	**1500**	
	NCL-31	Mar-23		190	27.6	1.25	<0.0480		<0.0420	0.266 J	30.3	**723**	**1320**	
	NCL-31	Oct-23		176	48.4	1.31	<0.0480		<0.0420	0.265 J	27.7	597	**1800**	
	NCL-31	Apr-24		689	59.9	**1.67**	<0.0480		<0.0420	0.651 J	32.7	**638**	**1360**	
	NCL-31	Oct-24		191	59.9	1.43	<0.0884		<0.0794	0.232 J	29.5	**640**	**1330**	
	NCL-31	Apr-25		188	58.2	1.59	<0.442		<0.397	0.237 J	28.2	**628**	**1350**	
	NCL-31	Oct-25		168	52.4	1.43	<0.442		<0.397	0.214 J	28.6	571	**1270**	
	NCL-32	Mar-23		500	181	1.04 J	2.45		<0.420	3.57	108	**1660**	**2780**	
	NCL-32	Oct-23		526	139	1.28 J	5.40		<0.420	3.45	107	**1810**	**3270**	
	NCL-32	Apr-24		560	101	**1.84**	**16.2**		<0.420	3.63	115	**1880**	**3010**	
	NCL-32	Oct-24		507	112	1.40	1.97 Q		<0.397 Q[R]	3.20	119	**1900**	**2900 Q**	
	NCL-32	Apr-25		438	112	1.04	2.88		<0.397	3.19	125	**1400**	**2530**	
	NCL-32	Oct-25		412	133	1.47	4.60		<0.397	3.29	128	**1390**	**2430**	
	NCL-33	Mar-23		511	**570**	**2.79 B**	<0.480		<0.420	6.17	284	**1310**	**3190**	
	NCL-33	Oct-23		526	**589**	1.45 J	1.62		<0.420	5.93	314	**1170**	**3460**	
	NCL-33	Apr-24		520	**605**	**2.94**	<0.480		0.874 J	5.47	344	**1280**	**3530**	
	NCL-33	Oct-24		524	**618**	**2.07**	<0.0884		<0.0794	4.68	351	**1230**	**3190**	
	NCL-33	Apr-25		465	**476**	**1.69**	<0.442		<0.397	4.00	309	**1050**	**2880**	
	NCL-33	Oct-25		456	**462**	**2.54**	<0.442		<0.397	5.72	265	**1070**	**2930**	
	NCL-34A	Oct-18		270	**289**	1.21 J3J5		<0.394		1.25	111	117	**1710**	
	NCL-34A	Apr-19		251 V	**262**	1.37		<0.394		1.11	107 V	42.6	**1370**	
	NCL-34A	Oct-19		235	245	1.38		0.110		1.15	116	119	**1470**	
	NCL-34A	Jun-20		283	**260**	1.31		<5.00		1.13 J	104	234	**1680**	
	NCL-44	Mar-23		345	97.6	1.52	<0.480		<0.420	2.36	150	**1250**	**2330**	
	NCL-44	Oct-23		357	95.9	**1.66**	4.04		<0.420	2.11	164	**1380**	**2610**	
	NCL-44	Apr-24		347	63.0	**2.17**	<0.480		<0.420	2.03	168	**1350**	**2600**	
	NCL-44	Oct-24		332	64.8	1.52	<0.0884 Q[R]		<0.0794 Q[R]	1.86 JJ4	158	**1190**	**2390**	
	NCL-44	Apr-25		341	85.2	**1.91**	<0.442		<0.397	1.97 J	144	**1250**	**2270**	
	NCL-44	Oct-25		360	96.6	**1.77**	<0.442		<0.397	2.15	135	**1330**	**2420**	
	NCL-49	Mar-23		503	189	1.51	**12.3 Q**		<0.420 Q	0.643 JB	161	**1920**	**3130 J3**	
	NCL-49	Mar-23	FD	496	189	1.21 JB	**11.4 Q**		<0.420 Q	0.571 JB	160	**1970**	**3810**	
	NCL-49	Oct-23		550	160	0.783 J	**17.3**		0.561 J	0.707 J	168	**2150**	**2560**	
	NCL-49	Oct-23	FD	556	161	0.847 J	**17.2**		0.518 J	0.705 J	167	**2180**	**3640**	
	NCL-49	Apr-24		534	161	<0.640	**15.3**		<0.420	0.728 J	152	**2330**	**2460**	
	NCL-49	Apr-24	FD	543	139	0.916 J	**15.2**		<0.420	0.693 J	165	**2260**	**2930**	
	NCL-49	Oct-24		542	149	0.584	**15.8**		<0.0794	0.683 J	171	**2000**	**3510**	
	NCL-49	Oct-24	FD	559	149	0.587	**16.0**		<0.0794	0.675 J	172	**1870**	**3490**	
	NCL-49	Apr-25		512	137	0.942 J	**12.3**		<0.794	0.752 J	163	**1950**	**3400**	
	NCL-49	Apr-25	FD	521	137	0.899 J	**12.3**		<0.794	0.735 J	165	**1950**	**3370**	
	NCL-49	Oct-25		457	133	<0.761	**12.6**		<0.794	0.679 J	155	**1840**	**3140**	
	NCL-49	Oct-25	FD	499	134	<0.761	**12.8**		<0.794	0.734 J	165	**1780**	**3050**	
North Refinery	MW-23	Apr-19		97.5	**444**	**1.70**		<0.0197		1.12	482	18.9	**2000**	
	MW-23	Oct-19		95.6	**428**	1.59		<0.0197		1.27	410	18.7	**2020**	
	MW-23	Jun-20		96.4	**410**	1.42		<0.500		1.10 J	426 V	15.6	**1970**	
	MW-23	Oct-20		96.8	**408**	1.19		<0.0500		1.29 J	459	7.39	**1990**	
	MW-29	Oct-22		461	**631**	**1.62**		<0.0500		2.52	358	**1670**	**3130**	
	MW-29	Mar-23		421	**580**	**1.94 B**	0.694 JBQ		0.596 JQ	2.21	365	**1730**	**3800**	
	MW-29	Oct-23		388	**528**	0.970 J	<0.480 T8[R]		<0.420 T8[R]	1.94 J	381	**1100**	**3490 J3**	
	MW-29	Apr-24		304	**566**	0.989	<0.0480		<0.0420	1.84 J	359	**1090**	**3140**	
	MW-39	Apr-19		52.6	111	**4.21**		<0.0197		0.164 J	891	**1000**	**2580**	
	MW-39	Oct-19		45.8	86.8	**4.26**		<0.0197		0.245 J	771	**929**	**2590**	
	MW-39	Jun-20		61.8	97.7	**3.45**		<0.0500		<0.534	721	**821**	**2410**	
	MW-39	Oct-20		63.8	91.5	**3.28**		<0.0500		<0.534	655	**686**	**2260**	
	MW-40	Apr-17		474	156	**1.76**		<0.197		1.62	110	**1550**	**3190**	
	MW-40	Apr-18		425	141	**1.80**		<0.985		1.41	107	**1440**	**2390**	
	MW-40	Apr-19		450	106	1.52		<0.394		1.39	107	**1400**	**2600 J3**	
	MW-40	Jun-20		374	88.4	**1.88**		<0.500		1.30 J	90.4	**1380**	**2430**	
	MW-41	Apr-18		329	**682**	0.934		<0.0197		0.571 J	624	**1500**	**4060**	
	MW-41	Apr-19		238	**721**	0.884		<0.394		0.590 J	624	**1140**	**4110**	
	MW-41	Jun-20		282	**875**	1.00		<0.0500		0.653 J	828	**1780**	**4930**	
	MW-41	Apr-21		274	**856**	1.02		0.117		0.586 J	812	**1590**	**5010**	
	MW-42	Apr-19		233	**319**	0.780		<0.394		0.449 J	425	**1010**	**2590**	
	MW-42	Jun-20		246	**336**	0.851		<2.50		<0.534	358	**1020**	**3310**	
	MW-42	Apr-21		314	**585**	0.869		0.0775 J		0.397 J	452	**1290**	**3870**	
	MW-42	Apr-22		265	**699**	0.722		**14.7**		0.452 J	425	**1120**	**3770 Q**	
	MW-43	Apr-19		152	**639**	**1.71**		<0.394		0.923 J	491	444	**2610**	<0.0180
	MW-43	Oct-19		205	**662**	**1.66**		<0.985		0.961 J	406	479	**2120**	<0.0180 J4
	MW-43	Jun-20		141	**547**	1.36		<0.250		0.828 J	341	198	**2210**	<0.0360
	MW-43	Oct-20		141	**550**	1.09		<0.0500		0.896 J	350	102	**2150**	<0.0180
	MW-59	Apr-17		467	184	1.13		<0.197		0.519 J	134	**1870**	**3160**	
	MW-59	Apr-18		492	180	1.31		<0.0197 J6		0.507 J	151	**1680**	**2760**	
	MW-59	Apr-19		475	173	1.10		<0.0197		0.468 J	153	**1400**	**3110**	
	MW-59	Jun-20		366	201	1.33		<0.0500		<0.534	184	**1340**	**2900**	
	MW-60	Jun-20		418	206	0.778		<2.50		<0.534	178	**1770**	**3720**	<0.0360
	MW-60	Jun-20	FD	424	219	1.18 J		<0.500		<0.534	176	**1660**	**3790**	<0.0360
	MW-60	Oct-20		418	202	0.715		0.203		<0.534	189	**1510**	**3560**	<0.0180
	MW-60	Oct-20	FD	401	219	1.21 J		<0.0500		<0.534	190	**1780**	**3660**	<0.0180

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Appendix B, Table B.5 - Summary of Groundwater Analytical Data - Water Quality and Cyanide

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Water Quality Parameters										Cyanide
				Analyte	Calcium	Chloride	Fluoride	Nitrate	Nitrate/Nitrite	Nitrite	Potassium	Sodium	Sulfate	TDS	Cyanide
				CAS	7440-70-2	16887-00-6	16984-48-8	14797-55-8	NO3NO2	14797-65-0	7440-09-7	7440-23-5	14808-79-8	TDS	57-12-5
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	--	250	1.60	10.0	10.0	1.00	--	--	600	1000	0.200
				CGWSL Source	--	WQCC Dom	WQCC HH	WQCC HH	WQCC HH	WQCC HH	--	--	WQCC Dom	WQCC Dom	WQCC HH
Area	**Well ID**	**Date**	**Dup**												
North Refinery	MW-61	Mar-23			325	**365**	1.33 J	0.642 J		0.657 J	1.17 J	288	**784**	**2450**	
	MW-61	Oct-23			299	**483**	0.789 J	<0.480		<0.420	0.819 J	277	523	**2350**	
	MW-61	Apr-24			374	**710**	0.833 J	<0.480		<0.420	0.875 J	367	**808**	**2900**	
	MW-61	Oct-24			285	**573**	0.715	<0.0884 J5Q		<0.0794 Q	0.579 J	318	488	**2220**	
	MW-61	Apr-25			295	**309**	0.957 J	<0.884		<0.794	0.868 J	273	**747**	**2420**	
	MW-61	Oct-25			250	106	**1.73**	<0.884		<0.794	1.39 J	212	**745**	**1940**	
	MW-62	Oct-20			304	**296**	1.08		<0.0500		1.11 JB	241	531	**2370**	
	MW-62	Sep-21			376	**386**	1.03		<2.50		1.07 J	225	**703**	**2750**	
	MW-62	Apr-22			394	**317**	1.16		<1.00		1.10 J	232	**855**	**2150** J3	
	MW-62	Oct-22			300	**364**	1.22		<2.50		1.06 J	236	426	**1790**	
	MW-62R	Apr-21			183	**280**	1.02		<0.0500		1.00 J	116	2.65 J	**1340**	
	MW-62R	Apr-22			212	**287**	0.736		<1.00		0.822 J	171	120	**1560** J3	
	MW-62R	Mar-23			196	**338**	0.900	<0.0480		<0.0420	0.758 J	229	111	**1610**	
	MW-62R	Apr-24			187	**285**	0.662	0.0974 J		0.199	0.716 J	201	26.1	**1440**	
	MW-67	Oct-17			207	**305**	0.568		<0.0985		0.500 JB	200	388	**1740**	<0.00180
	MW-67	Apr-18			220	**328**	0.636		<0.197		0.573 JB	245	404	**1660**	<0.180
	MW-67	Oct-18			240	221	0.611		<0.0197		0.636 J	202	493	**1580**	<0.00180
	MW-67	Apr-19			202	**302**	0.637		<0.0197		0.538 J	225	447	**1630**	<0.00180
	MW-90	Mar-23			299	**251**	**2.06 B**	0.705 JBQ		<0.420 Q	1.06 JB	179	**1570**	**2650**	
	MW-90	Oct-23			329	**294**	1.27 J	0.767 J		<0.420	1.08 J	188	**1350**	**3110**	
	MW-90	Apr-24			325	**293**	**1.99**	<0.480		<0.420	1.06 J	217	**1510**	**3040**	
	MW-90	Oct-24			421	**303**	1.18	0.535		<0.0794	1.07 J	210	**1700**	**3670**	
	MW-90	Apr-25			358	**285**	**1.63**	0.499 J T8		<0.397 T8	1.04 J	214	**1630**	**3330**	
	MW-90	Oct-25			360	168	**2.17**	<0.884		<0.794	1.44 J	164	**1600**	**3180**	
	MW-91	Oct-18			433	221	1.27		<0.985		0.639 J	35.2	**966**	**2820**	
	MW-91	Apr-19			460	**295**	1.27		<1.97		0.468 J	38.9	**915**	**3290**	
	MW-91	Oct-19			451	**422**	1.29		<0.197		0.520 J	39.6	**1020**	**2430**	
	MW-91	Jun-20			478	**501**	1.19		<10.0		<0.534	36.7	**813**	**2830**	
	MW-93	Apr-17			489	192	**2.38**		<0.197		2.97	167	**1430**	**2930**	
	MW-93	Apr-18			537	193	**2.39**		<0.197		3.55	191	**1400**	**2760**	
	MW-93	Apr-19			505	214	**2.09**		0.0220 J		3.76	195	**1400**	**2810**	
	MW-93	Jun-20			491	233	**1.88**		<2.50		3.11	163	**1070**	**2820**	
	MW-94	Nov-14			190	230	0.590		<0.0200		0.580 J	370	240	**2600**	
	MW-94	Oct-15			109	245	1.01		<0.197		0.224 J	355	75.8	**2530**	
	MW-94	Apr-17			95.6	196	0.874		<0.197		0.331 J	427	85.7	**2660**	
	MW-95	Apr-17			203 V	**349**	0.868		<0.197		0.730 J	194 V	420	**1710**	
	MW-95	Apr-18			229	**258**	0.884		<0.0197		0.602 J	163	471	**1770**	
	MW-95	Apr-19			246	**264**	0.830		<0.0197		0.472 J	172	561	**2020**	
	MW-95	Jun-20			250	**300**	0.739		<0.0500		<0.534	151	**682**	**2020**	
	MW-96	Mar-23			148	146	1.04 J3	<0.0480		0.200 J5P1	0.982 J	209	117	**1340**	
	MW-96	Oct-23			159	153	1.04 J	1.25		<0.420	1.12 J	207	196	**1410**	
	MW-96	Apr-24			164	183	1.16	<0.0480		<0.0420	1.01 J	205	211	**1370**	
	MW-96	Oct-24			232	201	1.03	<0.0884		<0.0794	1.12 J	203	467	**1810**	
	MW-96	Apr-25			177	214	1.12	<0.0884		<0.0794	1.19 J	200	228	**1550**	
	MW-96	Oct-25			229	235 V	1.39	<0.442		<0.397	1.26 J	193	543	**1950**	
	MW-98	Mar-23			493	73.7	**2.22**	<0.480 Q		<0.420 Q	0.255 J	113	**1450**	**2840**	
	MW-98	Oct-23			527	87.6	**2.23**	<0.480 Q		<0.420 Q	0.333 J	93.8	**1250**	**2790**	
	MW-98	Apr-24			490	61.4	**2.50**	<0.0480		<0.0420	0.291 J	79.1	**1300**	**2540**	
	MW-98	Oct-24			508	26.6	**5.07**	<0.442 Q		**<3.97** Q	0.511 J	46.2	**1360**	**2420**	
	MW-98	Apr-25			529	17.4 P1	**2.23 J6 P1**	<0.442 J6 T8		<0.397 T8	0.523 J	44.3	**1370**	**2620**	
	MW-98	Oct-25			513	26.0	**2.75**	<0.884		<0.794	0.491 J	32.0	**1580**	**2360**	
	MW-137	Oct-17			141	**548**	1.11		<0.394		0.979 JB	759	**683**	**2910**	<0.00180
	MW-137	Apr-18			143	**446**	1.41		<0.985		1.23	955	**713**	**3420**	<0.180
	MW-137	Oct-18			133	**406**	0.873		<1.97		0.971 J	632	384	**2730**	<0.180
	MW-137	Apr-19			142	**407**	1.28		<1.97		1.14	845	**607**	**3380**	<0.0900
	MW-138	Oct-17			124	**453**	1.06		<0.0985		1.50 B	401	27.9	**2100**	<0.00180
	MW-138	Apr-18			130	**453**	0.874		<0.0197		1.58	436	26.8	**1910**	<0.00180
	MW-138	Oct-18			122	**408**	0.802		<0.0197		1.60	362	30.3	**1510**	<0.00180
	MW-138	Apr-19			130	**435**	0.966		<0.0197		1.62	402	41.4	**1730**	<0.00180
	MW-157	Oct-24													
	MW-157	Apr-25													
	MW-157	Oct-25													
	RW-1	Apr-15			358	224	1.33		<0.200		3.57	210	**1330**	**2410**	
	RW-1	Apr-17			558	246	1.41		<0.197		7.37	268	**1860**	**3690**	
	RW-1	Apr-18			363	**255**	0.913		<1.97		2.24	247	**1030**	**1810**	
	RW-1	Apr-19			337	**286**	0.866		<1.97		1.87	266	**939**	**2690**	
	RW-2	Apr-17			519	**251**	**2.35**		<0.197		2.86	261	**1200**	**3030**	
	RW-2	Apr-18			402	**317**	**1.75**		<0.394		2.25	335	**731**	**2600**	
	RW-2	Mar-23			261	**274**	0.723	<0.0480		<0.0420	1.26 J	219	**687**	**2010**	
	RW-2	Apr-25			326	232	<0.761	<0.884		<0.794	1.70 J	190	**886**	**2480**	
	RW-7	Apr-17			266	204	0.513		<0.197		0.922 J	105	**693**	**1740**	
	RW-7	Apr-18			295	217	1.22		<0.985		2.54	149	475	**1820**	
	RW-7	Apr-19			247	239	1.05		<0.197		1.63	150	426	**1830**	
	RW-7	Jun-20			184	218	0.995		<2.50		0.651 J	151	162	**1530**	
	RW-8	Apr-15			227	115	0.801		<0.200		0.353 J	209	473	**1600**	
	RW-8	Apr-17			218	163	0.731		<0.197		0.360 J	161	**665**	**1820**	
	RW-9	Apr-22			294	**554**	0.895		<2.50		1.12 J	432	**901**	**2980**	
	RW-9	Mar-23			263	**512**	1.04	0.0642 JBQ		0.0525 JQ	0.930 J	426	**967**	**3020**	
	RW-9	Apr-24			233	**480**	1.03 J	5.90 Q		<0.420 Q	0.842 J	393	**630**	**2660**	
	RW-9	Apr-25			227	**499**	<0.761	<0.884		<0.794	1.07 J	437	**731**	**2940**	
	RW-10	Apr-18			499	131	**3.41**		<0.985		3.49	143	**1530**	**2670**	
	RW-10	Apr-19			572	65.9	**3.66**		<0.197		3.68	102	**1470**	**2540** J3	
	RW-10	Jun-20			485	92.9	**3.87**		<0.0500		4.43	151	**1450**	**2520**	
	RW-10	Apr-21			353	193	**3.26**		0.0679 J		3.53	312	**1110**	**2730**	
	RW-16B	Apr-19			540	83.0	**4.48**		1.47 J3J6		0.677 J	333	**2690**	**4440**	
	RW-16B	Jun-20			516	181	**3.78**		<0.0500		1.65 J	492	**2970**	**4720**	
	RW-16B	Mar-23			303	**301**	<0.640	<0.480		<0.420	1.18 J	358	**1400**	**3430**	
	RW-16B	Apr-25			483	**333**	**2.15**	<0.884		<0.794	2.14	372	**1790**	**3540**	
	RW-17A	Apr-18			635	**358**	**2.31**		0.0920 J		3.87	345	**3080**	**4430**	
	RW-17A	Apr-19			563	**398**	**2.64**		<0.0197		2.97	286	**3290**	**5430**	
	RW-17A	Jun-20			554	**389**	**2.58**		0.386		4.62	306	**2940**	**5730**	
	RW-17A	Mar-23			577 V	**423**	**2.56**	<0.480 Q[R]		<0.420 Q[R]	9.15	267 O1V	**2320**	**5610**	

Appendix B, Table B.5 - Summary of Groundwater Analytical Data - Water Quality and Cyanide

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Water Quality Parameters										Cyanide
				Analyte	Calcium	Chloride	Fluoride	Nitrate	Nitrate/Nitrite	Nitrite	Potassium	Sodium	Sulfate	TDS	Cyanide
				CAS	7440-70-2	16887-00-6	16984-48-8	14797-55-8	NO3NO2	14797-65-0	7440-09-7	7440-23-5	14808-79-8	TDS	57-12-5
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	--	250	1.60	10.0	10.0	1.00	--	--	600	1000	0.200
				CGWSL Source	--	WQCC Dom	WQCC HH	WQCC HH	WQCC HH	WQCC HH	--	--	WQCC Dom	WQCC Dom	WQCC HH
Area	**Well ID**	**Date**	**Dup**												
North RO Reject Field	MW-117	Mar-23			503	**298**	**3.59**	2.83		<0.420	5.40	167	**1680**	**3060**	
	MW-117	Oct-23			505	**322**	**3.09**	3.59		0.739 J	5.51	169	**1660**	**2990**	
	MW-117	Apr-24			507	**375**	**3.14**	0.811		0.112 B	5.23	173	**1570**	**2980** Q	
	MW-117	Oct-24			493	**385**	**2.51**	5.79 Q		**<3.97** Q	5.40	189	**1220**	**2760**	
	MW-117	Apr-25			436	**312**	**2.65**	0.960 T8		<0.397 T8	5.24	187	**1300**	**2880**	
	MW-117	Oct-25			355	182	**2.70**	<0.884		<0.794	4.99	166	**1070**	**2390**	
	MW-118	Mar-23			548	248	**5.29**	4.10		<0.420	2.38	180	**2660**	**4330**	
	MW-118	Oct-23			574	246	**4.36**	5.72		0.610 J	2.18	185	**2690**	**4820**	
	MW-118	Apr-24			596	250	**4.63**	<0.480		**<4.20**	2.26	186	**2840**	**4680**	
	MW-118	Oct-24			638	246	**3.69**	**10.9 Q**		**<3.97** Q	2.08	201	**2770**	**4500**	
	MW-118	Apr-25			573	240	**3.97**	<0.884 T8		<0.794 T8	1.52 J	189	**2860**	**4850**	
	MW-118	Oct-25			554	239	**3.33**	1.74		<0.794	1.34 J	179	**2570**	**4590**	
	MW-119	Mar-23			546	**270**	**1.63**	<0.480		<0.420	0.631 J	176	**2240**	**3460**	
	MW-119	Oct-23			555	**270**	**1.83**	<0.480		0.624 J	0.741 J	175	**2250**	**4110**	
	MW-119	Apr-24			558	**265**	**1.81**	<0.480		**<4.20**	0.675 J	170	**2200**	**2840**	
	MW-119	Oct-24			567	**256**	1.31	8.08 Q		**<3.97** Q	0.668 J	184	**2000**	**3600**	
	MW-119	Apr-25			533	225	1.14 J	<0.884 T8		<0.794 T8	0.746 J	169	**2130**	**3800**	
	MW-119	Oct-25			509	195	1.45 J	<0.884		<0.794	0.650 J	153	**1950**	**3660**	
	MW-140	Mar-23			507	243	1.48 J	7.69 B		<0.420	36.7	198	**1730**	**3320**	
	MW-140	Oct-23			497	224	1.40 J	**14.3**		<0.420	31.2	208	**1520**	**3170**	
	MW-140	Apr-24			424	220	**1.79**	**27.9 Q**		<0.420 Q	24.6	188	**1560**	**2760**	
	MW-140	Oct-24			493	218	0.794	**21.4 Q**		<0.397 Q[R]	3.39	203	**1420**	**3140**	
	MW-140	Apr-25			469	226	<0.761	9.97 T8		<0.794 T8	6.50	201	**1390**	**3000**	
	MW-140	Oct-25			433	217	1.26 J	5.23		<0.794	15.1	210	**1420**	**2700**	
	MW-141	Mar-23			506	216	1.27 J	5.45 B		<0.420	2.09	51.6	**1430**	**2920**	
	MW-141	Oct-23			530	211	<0.640	5.14		<0.420	0.989 J	55.2	**1310**	**2590** Q	
	MW-141	Apr-24			486	207	**1.85**	**17.4 Q**		<0.420 Q	1.19 J	54.8	**1470**	**2540**	
	MW-141	Oct-24			530	167	0.979 J	3.56 BQ		<0.794 Q	1.43 J	58.3	**1790**	**2870**	
	MW-141	Apr-25			546	135	<0.761	2.60 T8		<0.794 T8	1.03 J	61.0	**1550**	**2990**	
	MW-141	Oct-25			502	60.9	0.905 J	1.65		<0.794	1.07 J	59.5	**1430**	**2550**	
	MW-142	Mar-23			576	**262**	**1.81**	<0.480		<0.420	0.992 J	170	**2100**	**4680**	
	MW-142	Oct-23			558	**261**	**2.24**	1.37		<0.420	0.921 J	158	**2040**	**3810**	
	MW-142	Apr-24			585	**267**	1.52	<0.480		**<4.20**	1.00 J	172	**2220**	**3520**	
	MW-142	Oct-24			540	**254**	1.44	6.99 Q		**<3.97** Q	1.04 J	156	**2150**	**3650**	
	MW-142	Apr-25			548	240	**1.96**	<0.884 T8		<0.794 T8	0.916 J	167	**2170**	**3830**	
	MW-142	Oct-25			497	191	**2.17**	<0.884		<0.794	0.792 J	140	**1540**	**3320**	
	MW-143	Mar-23			510	228	**1.62**	<0.480		<0.420	0.725 J	198	**2370**	**3660**	
	MW-143	Oct-23			505	236	1.35 J	1.69		<0.420	0.754 J	197	**2460**	**4470**	
	MW-143	Apr-24			529	243	**2.02**	<0.480		**<4.20**	0.821 J	204	**2570**	**3710**	
	MW-143	Oct-24			503	239	1.45 J	<0.884 Q		**<7.94** Q	0.691 J	193	**2470**	**4070**	
	MW-143	Apr-25			519	**252**	1.49	<0.442 T8		<0.397 T8	0.778 J	200	**2760**	**4440**	
	MW-143	Oct-25			495	202	**1.69**	<0.884		<0.794	0.702 J	197	**2860**	**4100**	
	MW-162	Oct-24			570	229	0.935	8.82 Q		**<3.97** Q	2.22	205	**2610**	**4080**	
	MW-162	Apr-25			546	234	0.858	<0.442 T8		<0.397 T8	2.21	199	**2870**	**4340**	
	MW-162	Oct-25			550	249	1.08 J	<0.884		<0.794	1.86 J	178	**3040**	**4180**	
South Refinery	KWB-2R	Oct-19			169	**253**	0.927		<0.0197		0.534 J	246	345	**1590** J3	
	KWB-2R	Mar-23			254	234	1.30 JB	<0.480 Q		<0.420 Q	0.568 J	258	**931**	**2260**	
	KWB-2R	Oct-23			285	**268**	0.716 J	1.01		<0.420	0.469 J	257	**1050**	**2650**	
	KWB-2R	Apr-24			268	250	0.804 B	0.471 B		0.0969 JB	0.364 J	244	**1080**	**2310** Q	
	KWB-5	Oct-17			220	**565**	0.877		0.0530 J		1.41	208	21.9	**1560**	
	KWB-5	Apr-18			233	**546**	0.861		1.93		1.95	215	9.96	**1730**	
	KWB-5	Oct-18			200	**546**	0.869		<0.0197		1.76 JB	208	11.8	**1450**	
	KWB-5	Apr-19			244	**525**	0.761		<0.0197		2.10	241	18.7	**1680**	
	KWB-6	Apr-17			227	**260**	0.965		0.556 J		0.183 J	120	211	**1630**	
	KWB-6	Oct-17			256	**290**	0.842		<0.394		0.162 J	131	377	**1890**	
	KWB-6	Apr-18			248	248	0.897		0.0380 J		0.268 J	138	272	**1600**	
	KWB-6	Oct-18			223	240	0.801		<0.0197		0.230 J	122	324	**1680** J3	
	MW-28	Apr-19			361	138	1.14		<0.985		0.964 J	112	**1030**	**2920**	<0.0180
	MW-28	Oct-19			360	143	1.60		<0.985		0.571 JB	101	**1630**	**2860**	<0.0180 J4
	MW-28	Jun-20			285	149	1.10		<0.250		4.23	109	**1310**	**2610**	<0.0360
	MW-28	Oct-20			281	132	1.02		<0.0500		4.03	114	**1140**	**2670**	<0.00180
	MW-48	Apr-18			200	**689**	**1.90**		0.0860 J		0.776 J	269	9.52	**2490**	
	MW-48	Oct-18			172 V	**498**	1.20		<0.394		0.863 J	293 V	125	**1730** J4	
	MW-48	Apr-19			168	179	**1.82**		<0.394		1.16	290	**1210**	**1630** J4	
	MW-48	Oct-19			159	**429**	1.08		<0.985		1.12	297	85.7	**1580** J3	
	MW-50	Mar-23			431	183	**3.61**	**55.7 Q**		<0.420 Q	4.59	338	**2340**	**5750**	
	MW-50	Oct-23			427	166	**2.34**	**18.7**		0.566 J	5.21	299	**2070**	**4400**	
	MW-50	Apr-24			418	177	**2.66**	**26.5**		0.784 J	2.98	361	**2890**	**5220**	
	MW-50	Oct-24			433	185	**2.30**	0.751		0.257	2.79	367	**2670**	**4740**	
	MW-50	Apr-25			382	171	**1.81**	<0.442		<0.397	2.33	259	**2090**	**3330**	
	MW-50	Oct-25			489	64.2	**4.40**	**30.8**		<0.794	6.20	268	**2680**	**4810**	
	MW-52	Mar-23			210	163	**2.03**	7.65 Q		<0.0420 Q	0.315 J	308	**1040**	**2150**	<0.00900
	MW-52	Oct-23			178	185	**1.70**	1.23		<0.0420	0.375 J	326	**748**	**2000**	<0.00180
	MW-52	Apr-24			128	147	**2.09**	1.83		0.0793 JB	0.415 J	269	**677**	**1600**	<0.00180
	MW-52	Oct-24			156	177	**1.69**	1.21 Q		<0.0794 Q[R]	0.224 JBJ4	316	**820**	**1880**	0.00285 J
	MW-52	Apr-25			155	161	**1.68**	2.07 T8		<0.397 T8	0.287 J	281	589	**1960**	
	MW-52	Oct-25			165	152	**1.66**	6.81		<0.794	0.382 J	281	**854**	**2080**	
	MW-64	Mar-23			88.2	**309**	1.05	<0.0480		<0.0420	0.588 J	350	3.45 J	**1390**	
	MW-64	Oct-23			90.5	**289**	0.750	0.357		<0.0420	0.548 J	333	8.17	**1600**	
	MW-64	Apr-24			82.5	**296**	0.787	0.745 Q		<0.0420 Q	0.535 J	316	5.30	**1300**	
	MW-64	Oct-24			88.8	**274**	0.756	<0.0884		<0.0794	0.549 J	346	6.30	**1540**	
	MW-64	Apr-25			85.4	**283**	0.763	<0.442 T8		<0.397 T8	0.645 J	345	6.61 J	**1470**	
	MW-64	Oct-25			83.9	**260**	0.841 J	<0.884		<0.794	0.548 J	329	12.8 J	**1490**	
	MW-65	Oct-19			113	234	1.23		<0.0197		0.466 J	223	5.53 B	**1080**	
	MW-65	Mar-23			158	**272**	1.46	0.0496 J		<0.0420	0.670 J	255	47.8	**1480**	
	MW-65	Oct-23			119	211	1.08	<0.0480		0.100	0.419 J	212	2.01 J	**1150**	
	MW-65	Apr-24			117	232	1.24	0.340		<0.0420	0.496 J	214	1.31 J	**1100**	
	MW-66	Oct-19			121	168	1.04		<0.0197 J6		1.18	131	6.99	912	<0.00180
	MW-66	Jun-20			136	188	1.13		0.0979 J		0.842 J	155	1.16 J	**1070**	<0.00180
	MW-66	Oct-20			140	189	1.12		<0.0500		1.71 JB	145	6.68	**1060**	<0.00180
	MW-66	Apr-21			176	**257**	1.26		0.0769 J		2.12	205	1.59 J	**1230**	<0.00180
	MW-99	Oct-18			162	**254**	0.612		<0.394		0.792 J	212	124	**1420**	
	MW-99	Apr-19			184	225	0.572		<0.394		1.31	214	145	**1390**	
	MW-99	Oct-19			109	66.7	0.517		0.0300 J		4.66	58.1	81.1	547	
	MW-99	Jun-20			138	73.2	0.323		<0.0500		7.77	60.7	109	727	
	MW-101	Mar-23			279	101	1.47 J	<0.480		<0.420	1.67 J	125	534	**1710**	
	MW-101	Oct-23			126	82.4 J6	1.07	0.119		<0.0420	0.602 J	134	80.4 J6	978	
	MW-101	Apr-24			122	51.8	1.22	<0.0480		<0.0420	0.606 J	136	138	902	
	MW-101	Oct-24			290	29.3	1.39 J3	<0.0884 J5Q		<0.0794 Q	1.27 J	58.0	**683**	**1570**	
	MW-101	Apr-25			133	58.4	1.01	<0.0884		<0.0794	0.920 J	125	133	994	
	MW-101	Oct-25			118	30.7	1.12 J	<0.884		**19.8**	0.614 J	108	109	833	

Appendix B, Table B.5 - Summary of Groundwater Analytical Data - Water Quality and Cyanide

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Water Quality Parameters										Cyanide
			Analyte	Calcium	Chloride	Fluoride	Nitrate	Nitrate/Nitrite	Nitrite	Potassium	Sodium	Sulfate	TDS	Cyanide
			CAS	7440-70-2	16887-00-6	16984-48-8	14797-55-8	NO3NO2	14797-65-0	7440-09-7	7440-23-5	14808-79-8	TDS	57-12-5
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			CGWSL	--	250	1.60	10.0	10.0	1.00	--	--	600	1000	0.200
			CGWSL Source	--	WQCC Dom	WQCC HH	WQCC HH	WQCC HH	WQCC HH	--	--	WQCC Dom	WQCC Dom	WQCC HH
Area	**Well ID**	**Date**	**Dup**											
South Refinery	MW-102	Mar-23		169	150	1.30 JB	0.699 JBQ		<0.420 Q	0.469 J	351	353	**1650**	
	MW-102	Mar-23	FD	168	143	**2.31**	<0.480 Q		<0.420 Q	0.460 J	351	315	**1620**	
	MW-102	Oct-23		124	162	<0.640	0.514 J		<0.420	0.395 J	347	86.5	**1590**	
	MW-102	Oct-23	FD	125	153	1.23 J	0.927 J		<0.420	0.402 J	358	93.1	**1520**	
	MW-102	Apr-24		104	195	0.895	<0.0480		<0.0420	0.471 J	374	55.8	**1340**	
	MW-102	Apr-24	FD	105	179	0.984	0.0966 J		0.130	0.477 J	390	53.6	**1420**	
	MW-102	Oct-24		97.6	161	0.480	<0.0884		<0.0794	0.358 J	358	2.21 J	**1490**	
	MW-102	Oct-24	FD	98.3	163 V	0.522	<0.0884		<0.0794	0.370 J	358	2.86 JP1	**1500**	
	MW-102	Apr-25		108	174	1.18	<0.442 T8		<0.397 T8	0.769 J	358	254	**1610**	
	MW-102	Apr-25	FD	109	168	1.02	<0.442 T8		<0.397 T8	0.797 J	371	246	**1570**	
	MW-102	Oct-25		164	143	0.911 J	<0.884		**2.65**	0.660 J	338	225	**1570**	
	MW-102	Oct-25	FD	164	175	1.13 J	<0.884		<0.794	0.686 J	339	240	**1630**	
	MW-103	Apr-22		81.5	**4670**	**4.33**		<0.500		1.06 J	2800	67.2	**8280** Q	
	MW-103	Mar-23		65.4	**2590**	**3.87**	<0.480		<0.420	0.809 J	2150	114	**5820**	
	MW-103	Apr-24		79.3	**2900**	**4.34**	<0.480		<0.420	0.787 J	2150	236	**6140**	
	MW-103	Apr-25		69.4	**1220**	**3.70**	<0.442 T8		<0.397 T8	0.636 J	1240	265	**3370**	
	MW-104	Mar-23		179	39.9	**1.91**	0.402		<0.0420	4.70	56.4	471	**1200** J3	
	MW-104	Oct-23		269	81.3	**1.63**	0.868		<0.0420	7.17	74.4	<0.594	**1630**	
	MW-104	Apr-24		206	173	**1.83**	0.203 B		<0.0420	5.21	78.4	500	**1200**	
	MW-104	Oct-24		200	92.8	**1.82**	<0.442		<0.397	4.93	130	**781**	**1410**	
	MW-104	Apr-25		239	213	1.36	<0.442 T8		<0.397 T8	4.35	133	**706**	**1620**	
	MW-104	Oct-25		195	151	<0.761	<0.884		<0.794	4.79	144	523	**1400**	
	MW-105	Mar-23		282	31.1	0.775 J	<0.480		0.652 J	3.58	32.9	418	**1390** J3	
	MW-105	Oct-23		121	8.77	0.430	0.315		0.330	2.67	7.23	251	492	
	MW-105	Apr-24		260	74.0	1.01	<0.0480		<0.0420	3.93	68.0	281	**1180**	
	MW-105	Oct-24		353	57.1	**10.7**	<0.442 Q		<0.397 Q	4.86	48.2	**809**	**1700**	
	MW-105	Apr-25		254	86.9	1.09	<0.0884		<0.0794	4.19	72.3	236	**1270**	
	MW-105	Oct-25		495	40.1	1.02 J	<0.884		<0.794	5.98	49.8	**872**	**1990**	
	MW-106	Oct-23		44.0	46.7	0.970	1.08 T8		**1.79** T8	3.64	174	250	647	
	MW-106	Apr-24		317	201	0.916 J	<0.480		<0.420	2.34	266	**1160**	**2610**	
	MW-106	Oct-24		225	145 J6	0.835	<0.0884 Q		<0.0794 Q	1.64 J	173	**717**	**1890**	
	MW-106	Apr-25		259	153	<0.380	<0.442 T8		<0.397 T8	2.58	183	**808**	**1970**	
	MW-106	Oct-25		176	94.0	<0.761	<0.884		**8.35**	2.79	108	390	**1040**	
	MW-107	Oct-15		176	**297**	**1.67**		<0.197		0.880 J	76.9	102	**1390**	
	MW-107	Apr-17		140	**313**	**1.76**		<0.197		0.655 J	75.4	<0.0774	**1260**	
	MW-107	Apr-18		147	**269**	**1.66**		0.0410 J		0.555 J	81.7	1.08 J	**1370**	
	MW-107	Apr-19		147	246	1.33		<0.0197		0.631 J	82.5	0.657 J	**1270**	
	MW-109	Mar-23		62.3	188	**2.22**	<0.480 Q[R]		<0.420 Q[R]	0.609 J	416	315	**1460**	
	MW-109	Oct-23		78.1	198	1.58	0.490 J		<0.420	0.718 J	417	257	**1830**	
	MW-109	Apr-24		57.4	188	**1.89**	0.335 B		<0.0420	0.900 J	373	293	**1360**	
	MW-109	Oct-24		64.8	196	**1.67**	0.130 Q		<0.0794 Q[R]	0.627 JBJ4	449	260	**1790**	
	MW-109	Apr-25		60.6	199	**1.73**	<0.0884 T8		<0.0794 T8	0.635 J	474	230	**1680**	
	MW-109	Oct-25		62.5	212	**1.63**	<0.884		<0.794	0.810 J	450	161	**1680**	
	MW-110	Mar-23		102	32.3	1.55	<0.0480 Q		<0.0420 Q	<0.108	249	512	**1260**	
	MW-110	Oct-23		119	39.4	0.696 J	1.10		<0.420	<0.108	259	537	**1380**	
	MW-110	Apr-24		109	38.2	1.19	3.37 Q		<0.0420 Q	0.268 J	214	579	**1260**	
	MW-110	Oct-24		123	50.9	1.38	<0.0884 Q[R]		<0.0794 Q[R]	0.121 JBJ4	224	**631**	**1370**	
	MW-110	Apr-25		118	51.4	1.18	<0.442 T8		<0.397 T8	0.131 J	186	442	**1260**	
	MW-110	Oct-25		115	63.9	1.37 J	<0.884		<0.794	0.243 J	210	464	**1320**	
	MW-139	Mar-23		348	139	0.764 J	0.690 JB		<0.420	0.473 JB	265	**1720**	**3830**	
	MW-139	Oct-23		347	135	0.834 J	1.93		0.675 J	0.425 J	229	**1660**	**3250**	
	MW-139	Apr-24		365	141	0.772 J	<0.480		0.680 J	0.455 J	264	**1770**	**2890**	
	MW-139	Oct-24		343	151	0.623	<0.0884		<0.0794	0.407 J	283	**1540**	**3170**	
	MW-139	Apr-25		350	98.0	0.983 J	<0.884		<0.794	0.389 J	261	**1760**	**3100**	
	MW-139	Oct-25		331	78.2	<0.761	<8.84		<0.794	0.419 J	229	**1480**	**2960**	
	MW-158	Oct-24												
	MW-158	Apr-25												
	MW-158	Oct-25												
	MW-159	Oct-24												
	MW-159	Apr-25												
	MW-159	Oct-25												
	RA-313	Apr-22		214	144	0.938		0.604		1.52 J	100	553	**1220**	
	RA-313	Mar-23		184	70.8	1.45 J	0.997 JQ		<0.420 Q	1.18 J	45.0	443	912	
	RA-313	Apr-24		185	193	0.884	<0.0480 Q		<0.0420 Q	1.14 J	105	592	**1870**	
	RA-313	Apr-25		223	213	0.932	<0.442 T8		<0.397 T8	1.52 J	126	**603**	**1480**	
	RW-4	Jun-20		201	232	0.778		<0.500		1.13 J	130	446	**1710**	
	RW-4	Apr-22		223	218	0.648		<2.50		0.912 J	125	523	**1480**	
	RW-4	Mar-23		205	159	0.729	<0.0480		0.0465 J	0.973 J	117	433	**1440**	
	RW-4	Apr-24		187	153	0.752	<0.0480		<0.0420	0.903 J	113	362	**1370**	
	RW-5R	Apr-15		4.82	**260**	0.965		<0.0200		0.461 J	189	0.376 J	565	
	RW-6	Apr-18		183	**409**	0.804		0.0460 J		0.684 J	224	45.6	**1530**	
	RW-6	Apr-19		165	**325**	0.620		<0.394		0.598 J	191	3.36 J	**1350**	
	RW-6	Mar-23		331	**343**	0.881	<0.0480		0.0573 JP1	1.33 J	199	547	**2160**	
	RW-6	Apr-24		201	**435**	0.629	<0.0480		<0.0420	0.835 J	211 V	265	**1550** J3	
	RW-15C	Apr-17		160	**409**	0.774		0.442 J		1.59	269	19.4	**1610**	
	RW-15C	Apr-18		211 V	**652**	0.868		<0.0197		1.28	349 V	0.754 J	**1850**	
	RW-15C	Apr-19		247	**264**	0.882		<0.0197		1.63	322	**1070**	**2110** J4	
	RW-19	Apr-24		181	**434**	0.803	<0.0480		<0.0420	0.538 J	352	302	**1530**	
South RO Reject Field	MW-114	Mar-23		523	**364**	**3.42**	2.46 Q		<0.420 Q	1.61 J	123	**1600**	**2840**	
	MW-114	Oct-23		471	**300**	**2.29**	<0.480		0.684 J	2.13	169	**1320**	**2800**	
	MW-114	Apr-24		308	83.2	**2.86**	<0.0480		<0.0420	1.86 J	122	**1270**	**2150** Q	
	MW-114	Oct-24		384	139	**3.31**	1.35 Q		<0.0794	2.01	135	**1180**	**2040**	
	MW-114	Apr-25		400	7.30 J	**3.46**	<0.884 T8		<0.794 T8	1.85 J	132	**1520**	**2440**	
	MW-114	Oct-25		291	21.1	**2.77**	<8.84		<0.794	1.61 J	54.1	**747**	**1520**	
	MW-115	Mar-23		442	**297**	**2.01**	1.21 Q		<0.420 Q	0.614 J	256	**1840**	**3280**	
	MW-115	Oct-23		440	**293**	**1.86**	0.788 J		<0.420	0.492 J	268	**1900**	**3330**	
	MW-115	Apr-24		347	**301**	**1.61**	<0.480 Q		<0.420 Q	0.542 J	227	**1880**	**1690**	
	MW-115	Oct-24		407	**303**	1.43	1.25		<0.0794	0.485 J	272	**1770**	**3090**	
	MW-115	Apr-25		399	**282**	1.32	<0.0884 T8		<0.0794 T8	0.544 J	270	**1710**	**3280**	
	MW-115	Oct-25		385	**289**	**1.89**	<8.84		<0.794	0.506 J	257	**1730**	**3150**	
	MW-116	Mar-23		531	**320**	**1.88**	<0.480 Q		<0.420 Q	1.08 J	160	**2110**	**3550**	
	MW-116	Apr-24		544	**290**	**1.83**	<0.480 Q		<0.420 Q	1.14 J	158	**1890**	**3920**	
	MW-116	Oct-24		594	**287**	**1.86**	<0.884		<0.794	1.35 JBJ4	177	**2380**	**3930**	
	MW-116	Apr-25		578	**298**	1.55	<0.442 T8		<0.397 T8	1.38 J	178	**2280**	**4210**	
	MW-116	Oct-25		554	**296**	1.55	<0.884		**13.6**	1.19 J	172	**2100**	**3820**	

Appendix B, Table B.5 - Summary of Groundwater Analytical Data - Water Quality and Cyanide

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	Water Quality Parameters										Cyanide
				Analyte	Calcium	Chloride	Fluoride	Nitrate	Nitrate/Nitrite	Nitrite	Potassium	Sodium	Sulfate	TDS	Cyanide
				CAS	7440-70-2	16887-00-6	16984-48-8	14797-55-8	NO3NO2	14797-65-0	7440-09-7	7440-23-5	14808-79-8	TDS	57-12-5
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	--	250	1.60	10.0	10.0	1.00	--	--	600	1000	0.200
				CGWSL Source	--	WQCC Dom	WQCC HH	WQCC HH	WQCC HH	WQCC HH	--	--	WQCC Dom	WQCC Dom	WQCC HH
Area	**Well ID**	**Date**	**Dup**												
South RO Reject Field	MW-144	Mar-23		638	**421**	**4.06**	4.24		<0.420	1.59 J	189	**2380**	**3950**		
	MW-144	Oct-23		685	**652**	**2.39**	6.08		<0.420	1.54 J	210	**2170**	**3070**		
	MW-144	Apr-24		657	**498**	**3.15**	5.47		<0.420	1.69 J	211	**2360**	**4860**		
	MW-144	Oct-24		668	**692**	**2.69**	**13.4 Q**		<0.794 Q	1.54 J	209	**2360**	**5060**		
	MW-144	Apr-25		658	**588**	**1.94**	<0.884		<0.794	1.72 J	216	**2380**	**4670**		
	MW-144	Oct-25		655	**629**	**2.25**	<0.884		<0.794	1.65 J	204	**2170**	**3720**		
	MW-163	Oct-24		542	**283**	**2.06**	<0.884 Q		**<7.94** Q	1.62 J	169	**2370**	**3990**		
	MW-163	Apr-25			**286**	**1.79**	<0.442 T8		<0.397 T8			**2540**	**4250**		
	MW-163	Oct-25		520	**262**	**1.98**	<0.884		<0.794	0.858 J	171	**1860**	**3920**		
TEL	MW-49	Mar-23		130	204	1.55	<0.0480		<0.0420	2.03	271	154 J6	**1530**		<0.0450
	MW-49	Oct-23		144	199 V	1.32	<0.0480 T8[R]		<0.0420 T8[R]	2.34	277	92.5	**1290**		<0.0720
	MW-49	Apr-24		132	213	1.34	0.334 B		<0.0420	2.48	269	106	**1490**		0.0394 P1
	MW-49	Oct-24		128	216	1.24	0.127		<0.0794	1.76 J	260	149	**1490**		<0.00900
	MW-49	Apr-25		139	207	1.30	<0.0884		<0.0794	1.97 J	277	180	**1630**		
	MW-49	Oct-25		148	204	1.38 J	<0.884		<0.794	2.20	276	192	**1510**		
	TEL-1	Oct-18		160	238	**2.13**		<0.394		0.650 J	474	**719**	**2080**		
	TEL-1	Apr-19		172	250	**2.14**		<0.394		0.685 J	460	**803**	**2000**		
	TEL-1	Oct-19		144	234	**2.23**		<0.0197		0.629 J	474	**640**	**2200**		
	TEL-1	Jun-20		143	184	**1.98**		<0.500		0.565 J	435	**699**	**2140**		
	TEL-2	Oct-18		266	205	0.967		<0.394		1.14	363	**1360**	**2730**		
	TEL-2	Apr-19		274	224	1.09		<0.394		1.73	377	**1250**	**2940**		
	TEL-2	Oct-19		298	159	1.28 B		<0.394		1.30	407	**1610**	**3550**		
	TEL-2	Jun-20		280	130	0.988		<0.500		1.05 J	373	**1540**	**3400**		
	TEL-3	Apr-18		302	**696**	**2.51**		<0.0985		6.00	308	442	**2440**		
	TEL-3	Apr-19		562	52.7	**2.77**		<0.0985		5.37	44.1	**1300**	**2290**		
	TEL-3	Oct-19		603	36.7	**3.06**		<0.985		5.26	36.2	**1470**	**2790**		
	TEL-3	Oct-20		424	114	**1.73**		<0.0500 J6		2.55	86.5	**1290**	**2880**		
	TEL-4	Mar-23		343	154	**2.23**	<0.480 Q[R]		<0.420 Q[R]	0.613 J	301	**1720**	**3180**		
	TEL-4	Mar-23	FD	346	150	**2.71**	<0.480 Q[R]		<0.420 Q[R]	0.626 J	287	**1740**	**3510**		
	TEL-4	Oct-23		190	71.3	1.30	0.171 Q[R]		<0.0420 Q	0.504 J	279	**934**	**1930**		
	TEL-4	Oct-23	FD	195	71.6	1.10	0.207 T8[R]		<0.0420 T8	0.496 J	288	**897**	**1810**		
	TEL-4	Apr-24		135	26.0	1.48	<0.0480		<0.0420	0.438 J	195	**619**	**1300**		
	TEL-4	Apr-24	FD	135	32.8	1.25	<0.0480		<0.0420	0.435 J	176	**633**	**1410**		
	TEL-4	Oct-24		147	21.3	1.42	<0.0884 Q		<0.794 Q	0.490 J	155	**652**	**1480**		
	TEL-4	Oct-24	FD	154	21.3	1.44	<0.0884		<0.0794	0.520 J	166	**667**	**1440**		
	TEL-4	Apr-25		339	116	0.772 J	<0.884		<0.794	0.617 J	362	**1600**	**3410**		
	TEL-4	Apr-25	FD	335	114	<0.761	<0.884		<0.794	0.601 J	361	**1640**	**3490**		
	TEL-4	Oct-25		266	25.7	<0.761	<0.884		**8.34**	0.556 J	195	**643**	**2380**		
	TEL-4	Oct-25	FD	264	25.4	1.16 J	<0.884		<0.794	0.486 J	198	**1070**	**2430**		
TMD	MW-8	Apr-22		542	**724**	**2.08**		**14.7**		2.06	433	**3040**	**5650 Q**		
	MW-8	Mar-23		546	**678**	**2.09**	9.45 Q		<0.420 Q	1.96 J	418	**2380**	**4110**		
	MW-8	Apr-24		464	**675**	**1.73**	9.57		<0.420	1.80 J	390	**2420**	<100		
	MW-8	Apr-25		551	**644**	**1.63**	4.92 T8		<0.794 T8	2.03	429	**2430**	**5070**		
	MW-16	Apr-21		487	**339**	**2.34**		1.20		8.73	371	**2040**	**4000**		
	MW-16	Apr-22		500	**363**	**2.63**		0.512		7.99	305	**2350**	**3980 Q**		
	MW-16	Mar-23		508	**328**	**2.67**	3.57		<0.420	7.52	282	**2000**	**3580**		
	MW-16	Apr-24		508 V	**313**	**2.37**	1.63 B		0.549 JB	7.79	270 V	**1790**	**3190**		
	MW-20	Apr-22		513 V	**518**	**1.85**		5.45		0.566 J	250 V	**2570**	**4530**		
	MW-20	Mar-23		630	**833**	**2.22**	9.18 Q		<0.420 Q	0.661 J	283	**2150**	**4550**		
	MW-20	Apr-24		568	**934**	**2.80**	9.45		<0.420	0.565 J	264	**2390**	860		
	MW-20	Apr-25		651	**944**	**1.99**	7.03 T8		<0.794 T8	0.643 J	327	**2380**	**5270**		
	MW-21	Mar-23		539	**661**	**1.90**	8.08 Q		<0.420 Q	2.06	410	**2310**	**4630**		
	MW-21	Oct-23		540	**654**	**1.73**	**12.1**		<0.420	2.02	404	**2300**	**3170**		
	MW-21	Apr-24		523 V	**675**	1.24 J	**10.9**		<0.420	2.07	421 V	**2380**	**2400**		
	MW-21	Oct-24		551	**678**	1.27 J	3.94 BQ		<0.794 Q	2.51	437	**2770**	**5250**		
	MW-21	Apr-25		521	**614**	**1.78**	4.07 T8		<0.794 T8	2.09	420	**2270**	**4750**		
	MW-21	Oct-25		540	**612**	1.51	4.64		<0.794	2.14	437	**2290**	**5190**		
	MW-25	Apr-22		1250	**5220**	1.10		<0.0500		7.69	2480	**3430**	**25300**		
	MW-25	Mar-23		1220	**5740**	1.32 JB	<0.480		**2.51**	7.53	2530	**2520**	**14700**		
	MW-25	Apr-24		540	**1350**	1.21 J	0.839 JB		0.905 JB	5.64	952	**1630**	**4240**		
	MW-25	Apr-25		825	**2670**	1.41 J	<0.884		<0.794	5.15 J	1240	**2260**	**7680**		
	MW-26	Apr-22		505	**605**	**2.36**		1.52		4.50	452	**3670**	**6070 Q**		
	MW-26	Mar-23		506	**489**	**1.91**	1.07 Q		0.645 J	4.32	442	**2950**	**4310**		
	MW-26	Apr-24		515	**439**	**2.61**	1.75 B		0.634 JB	4.29	414	**2830**	**4760**		
	MW-26	Apr-25		732	**1220**	**2.30**	<0.884		<0.794	6.01	744	**5110**	**9420**		
	MW-27	Apr-22		338	45.5	1.16		0.598		8.41	86.4	**1270 V**	**2060**		
	MW-27	Mar-23		308	39.1 B	**1.73 B**	0.826 J		<0.420	7.41	77.4	**1120**	**1870**		
	MW-27	Apr-24		320	81.9	1.50 J	1.03 B		0.592 JB	7.66	72.5	**1040**	**1690**		
	MW-27	Apr-25		322	38.9	1.23	<0.442		<0.397	7.41	73.9	**1150**	**1780**		
	MW-46R	Mar-23		342	36.9	**1.83**	<0.480		<0.420	0.537 J	111	**1440**	**2240**		
	MW-46R	Oct-23		450	29.0	**1.73**	0.715 J		<0.420	0.918 J	104	**1190**	**2040**		
	MW-46R	Apr-24		333	35.4	**1.76**	<0.0480		<0.0420	0.461 J	102	**1220**	**2150**		
	MW-46R	Oct-24		352 V	46.8	**1.83**	<0.884		<0.794	0.457 JBJ4	103 V	**1600**	**2280**		
	MW-46R	Apr-25		361	62.4	1.34	<0.442 T8		<0.397 T8	0.564 J	102	**1390**	**2290**		
	MW-46R	Oct-25		390	97.1	**1.68**	<0.884		<0.794	0.615 J	93.0	**1200**	**2210**		
	MW-68	Apr-21		412	244	**1.70**		1.70		5.09	235	**1520**	**3090**		
	MW-68	Apr-22		390	**261 B**	**1.67**		2.47		5.07	218	**1720**	**3010**		
	MW-68	Mar-23		337	231	**1.84**	1.91		<0.420	4.65	222	**1420**	**2900**		
	MW-68	Apr-24		342	**405**	0.211 B	4.54 B		<0.420	4.65	213	**1650**	**2210**		
	MW-71	Apr-21		625	**689**	**1.62**		**27.8**		3.42	532	**2810**	**6010**		<0.0450
	MW-71	Apr-22		573	**756**	**2.07**		**22.2**		3.31	512	**3280**	**5680**		<0.00180
	MW-71	Mar-23		592	**706**	**1.94 B**	**16.3 Q**		<0.420 Q	3.27	511	**3010**	**4930**		<0.00900
	MW-71	Apr-24		506	**695**	**2.13**	**30.8**		<0.420	3.03	434	**2730**	**1600**		<0.00360
	MW-89	Apr-22		421	183	**2.82**		1.29		7.91	143	**1640**	**2710**		
	MW-89	Mar-23		410	184	**2.63**	0.914 J		<0.420	7.45	135	**1370**	**2520**		
	MW-89	Apr-24		444	154	**2.63**	0.982 JB		0.540 JB	7.76	139	**1420**	**2010**		
	MW-89	Apr-25		451	173	**2.91**	<0.442		<0.397	8.65	151	**1630**	**2630**		
	MW-152	Oct-24													
	MW-152	Apr-25													
	MW-152	Oct-25													
	MW-153	Oct-24													
	MW-153	Apr-25													
	MW-153	Oct-25													
	MW-154	Oct-24													
	MW-154	Apr-25													
	MW-154	Oct-25													
	MW-155	Oct-24													
	MW-155	Apr-25													
	MW-155	Oct-25													
	MW-156	Oct-24													
	MW-156	Apr-25													
	MW-156	Oct-25													

Appendix B, Table B.5 - Summary of Groundwater Analytical Data - Water Quality and Cyanide

2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Water Quality Parameters										Cyanide
		Analyte		Calcium	Chloride	Fluoride	Nitrate	Nitrate/Nitrite	Nitrite	Potassium	Sodium	Sulfate	TDS	Cyanide
		CAS		7440-70-2	16887-00-6	16984-48-8	14797-55-8	NO3NO2	14797-65-0	7440-09-7	7440-23-5	14808-79-8	TDS	57-12-5
		Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		CGWSL		--	250	1.60	10.0	10.0	1.00	--	--	600	1000	0.200
		CGWSL Source		--	WQCC Dom	WQCC HH	WQCC HH	WQCC HH	WQCC HH	--	--	WQCC Dom	WQCC Dom	WQCC HH
Area	**Well ID**	**Date**	**Dup**											
TMD	NP-1	Mar-23		428	**472**	**1.98**	<0.480 Q		<0.420 Q	1.62 J	318	**1920**	**3610**	
	NP-1	Oct-23												
	NP-1	Apr-24		343	**416**	**1.74**	**10.4 Q**		<0.420 Q	1.67 J	244	**1690**	**3870**	
	NP-1	Oct-24												
	NP-1	Oct-25												
	NP-6	Apr-19												
	NP-6	Apr-21												
	NP-6	Mar-23												
	NP-6	Apr-25												
Up-Gradient	UG-1	Apr-22		536	113	0.662		**12.4**		0.985 J	84.8	**2330**	**3570**	<0.00180
	UG-1	Mar-23		509	136	0.792 J	**12.9**		<0.420	0.959 J	93.3	**1970**	**3050**	<0.00360
	UG-1	Apr-24		392	41.0	<0.640	<0.480		<0.420	0.786 J	64.2	**1700**	**2850**	<0.00360
	UG-1	Apr-25		403	80.7	0.622 J	6.30 T8		<0.397 T8	1.16 J	64.3	**1580**	**2490**	
	UG-2	Apr-22		310	70.4	1.41		9.64		1.20 J	78.9	**1080**	**1950**	<0.00180
	UG-2	Mar-23		302	56.0	1.24	6.05		<0.210	1.05 J	77.6	**960**	**1840**	<0.00360
	UG-2	Apr-24		268	47.5	1.24 J	**12.4**		0.461 J	0.950 J	66.8	**928**	**1660**	<0.00360
	UG-2	Apr-25		298	52.6	1.25	3.86 T8		<0.397 T8	1.16 J	75.4	**903**	**1830**	
	UG-3R	Apr-22		529 V	58.4	0.433		2.49		2.01	31.9	**1840**	**2860**	<0.00180
	UG-3R	Mar-23		491	73.6	0.664 J	4.61		<0.420	2.05	42.6	**1590**	**2350**	<0.00180
	UG-3R	Apr-24		565	121	<0.640	**20.3**		0.606 J	2.17	37.0	**1670**	**2550**	0.0129 J
	UG-3R	Apr-25		548	105	<0.761	3.46 T8		<0.794 T8	2.20	44.7	**1470**	**2940**	
	UG-4	Apr-22		614	112	0.441		0.307 J3J6		1.96 J	197	**2890**	**4280**	<0.00180
	UG-4	Mar-23		548	79.5	0.770 J	<0.480		<0.420	1.94 J	306	**2760**	**4350**	<0.00180
	UG-4	Apr-24		611	58.3	<0.640	<0.480		0.454 J	2.09	347	**3290**	**3770**	<0.00180
	UG-4	Apr-25		549	56.3	<0.761	<0.884 T8		<0.794 T8	1.96 J	340	**3190**	**4700**	

Definitions

X	Reported concentration, X, exceeds the CGWSL.
X	Analyte detected above the detection limit at a concentration equal to X.
<x	Analyte not detected at detection limit equal to x.
<x	Analyte not detected at detection limit equal to x, but x exceeds the CGWSL.
	Blank cell indicates a sample was collected from the well during the indicated sampling event, but the analyte was not analyzed.
--	No applicable CGWSL.

Abbreviations

CGWSL	Critical Groundwater Screening Level (see Table 3)
CGWSL Source	Source for CGWSL value (see Table 3)
Dup	Duplicate sample
FD	Field duplicate sample
mg/L	Milligrams per Liter
WQCC Dom	NMED Groundwater standard for domestic exposure, 20.6.2.3103.B NMAC
WQCC HH	NMED Groundwater standard for human health exposure, 20.6.2.3103.A NMAC

Lab Footnote

B	Analyte was also detected in the associated method blank.
J	Indicates an estimated value.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
P1	Relative percent difference value not applicable for sample concentrations less than 5 times the reporting limit.
Q	Sample was prepared and/or analyzed past recommended holding time.
[R]	Non-detect result qualified as not usable for project objectives due to significant holding time exceedance (see data validation summary provided in Appendix D)
T8	Sample received past/too close to holding time expiration.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Note - Irrigation well RA-4196R was installed in June 2022 to replace both irrigation wells RA-4196 and RA-4798 which were plugged and abandoned in April 2023.

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Appendix B, Table B.6 - Summary of Groundwater Analytical Data - Semi-Volatile Organic Compounds

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HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	SVOC																				
				Analyte	1,1'-Biphenyl	1,2,4-Trichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol	2-Nitroaniline	2-Nitrophenol	3- & 4-Methylphenol (m,p-Cresol)	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether
				CAS	92-52-4	120-82-1	123-91-1	90-12-0	95-95-4	88-06-2	120-83-2	105-67-9	51-28-5	121-14-2	606-20-2	91-58-7	95-57-8	91-57-6	95-48-7	88-74-4	88-75-5	65794-96-9	91-94-1	99-09-2	534-52-1	101-55-3
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0371	0.0700	0.00459	0.0300	--	--	--	0.354	--	--	--	--	--	0.0300	0.930	--	--	--	--	--	--	--
Area	**Well ID**	**Date**	**Dup**																						
Evaporation Ponds	MW-3	04/13/2022				0.000494																			
	MW-3	03/22/2023				0.000519																			
	MW-4A	04/13/2022				0.000324 J																			
	MW-4A	03/22/2023				0.000458																			
	MW-6A	04/13/2022				0.000292 J																			
	MW-6A	03/21/2023				0.000293 J																			
	MW-22A	04/13/2022				0.000929																			
	MW-22A	03/22/2023				0.000703																			
	MW-74	04/12/2022				0.00124																			
	MW-74	03/22/2023				0.00147																			
	MW-76	04/13/2022				0.000501																			
	MW-76	03/22/2023				0.000564																			
	MW-78	04/13/2022				<0.0000447																			
	MW-78	03/22/2023				<0.0000447																			
	MW-120	09/14/2021				<0.0000447																			
	MW-120	04/13/2022				<0.0000447																			
	MW-121	04/13/2022				<0.0000447																			
	MW-121	03/21/2023				<0.0000447																			
	MW-122	04/12/2022				<0.0000447																			
	MW-122	03/21/2023				0.0000966 J																			
	MW-123	04/13/2022				0.000895																			
	MW-123	03/22/2023				0.00107																			
	OCD-3	04/12/2022				<0.0000447																			
	OCD-3	03/22/2023				<0.0000447																			
	OCD-6	04/12/2022				<0.0000447																			
	OCD-6	03/21/2023				0.000176 J																			
Field East of Refinery	KWB-11A	09/14/2021				<0.0000447																			
	KWB-11A	10/11/2022				0.000378 J																			
	KWB-11B	09/14/2021				<0.0000447																			
	KWB-11B	04/13/2022				<0.0000447																			
	MW-113	09/14/2021				<0.0000447																			
	MW-113	09/14/2021	FD			<0.0000456																			
	MW-113	04/13/2022				<0.0000447																			
	MW-113	04/13/2022	FD			<0.0000447																			
	MW-126B	09/14/2021				<0.0000447																			
	MW-126B	04/12/2022				0.000113 J																			
	MW-134	09/15/2021				<0.0000447																			
	MW-134	09/15/2021	FD			<0.0000447																			
	MW-134	04/13/2022				<0.0000447																			
	MW-134	04/13/2022	FD			<0.0000469																			
	MW-135	09/14/2021				<0.0000447																			
	MW-135	04/12/2022				0.0000815 J																			
	RA-4196R	10/04/2023				0.000375 J																			
	RA-4196R	04/03/2024				0.000130 JB																			
	RA-4798	09/14/2021				<0.0000447																			
	RA-4798	04/13/2022				<0.0000447																			
	RW-13R	03/22/2023				<0.0000447																			
	RW-13R	04/02/2025				**<0.00600** J4																			
NCL	MW-45	09/15/2021				0.000239 J																			
	MW-45	04/13/2022				0.000273 J																			
	MW-53R	04/12/2022				<0.0000447																			
	MW-53R	03/21/2023				<0.0000447																			
	MW-54A	09/14/2021				<0.0000447																			
	MW-54A	04/12/2022				<0.0000447																			
	MW-54B	03/22/2023				<0.0000447																			
	MW-54B	04/01/2025				<0.000300																			
	MW-108	09/14/2021				<0.0000447																			
	MW-108	04/12/2022				<0.0000447																			
	NCL-31	09/14/2021				<0.0000447																			
	NCL-31	04/12/2022				<0.0000447																			
	NCL-49	09/14/2021				<0.0000447																			
	NCL-49	09/14/2021	FD			<0.0000447																			
	NCL-49	04/12/2022				0.0000839 J																			
	NCL-49	04/12/2022	FD			<0.0000447																			
North Refinery	MW-23	04/03/2019		<0.00163	<0.00178		**0.0531**	<0.00118	<0.00148	<0.00142	<0.00312	<0.0163	<0.00825	<0.00140	<0.00165	<0.00141	<0.00156	<0.00156	<0.00950	<0.00160	<0.00133	<0.0101	<0.00154	<0.0131	<0.00168
	MW-23	10/23/2019		<0.00650	<0.00710		**0.0922**	<0.00472	<0.00594	<0.00568	<0.0125	<0.0650	<0.0330	<0.00558	<0.00660	<0.00566	<0.00622	<0.00624	<0.0380	<0.00640	<0.00532	<0.0404	<0.00616	<0.0524	<0.00670
	MW-29	09/15/2021				0.000826																			
	MW-29	04/12/2022				0.000477																			
	MW-42	04/12/2022				0.000880																			
	MW-43	04/03/2019		0.00228 J	<0.000359		**0.0323**	<0.000238	<0.000300	<0.000287	0.00418 J	<0.00328	<0.00167	<0.000282	<0.000333	<0.000286	0.0232	<0.000315	<0.00192	<0.000323	<0.000269	<0.00204	<0.000311	<0.00265	<0.000338
	MW-43	10/23/2019		<0.00650	<0.00710		**0.0956**	<0.00472	<0.00594	<0.00568	<0.0125	<0.0650	<0.0330	<0.00558	<0.00660	<0.00566	**0.0603**	<0.00624	<0.0380	<0.00640	<0.00532	<0.0404	<0.00616	<0.0524	<0.00670

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				Analyte Group	SVOC																				
				Analyte	1,1'-Biphenyl	1,2,4-Trichlorobenzene	1,4-Dioxane	1-Methylnaphthalene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol	2-Nitroaniline	2-Nitrophenol	3- & 4-Methylphenol (m,p-Cresol)	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl phenyl ether
				CAS	92-52-4	120-82-1	123-91-1	90-12-0	95-95-4	88-06-2	120-83-2	105-67-9	51-28-5	121-14-2	606-20-2	91-58-7	95-57-8	91-57-6	95-48-7	88-74-4	88-75-5	65794-96-9	91-94-1	99-09-2	534-52-1	101-55-3
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	0.0371	0.0700	0.00459	0.0300	--	--	--	0.354	--	--	--	--	--	0.0300	0.930	--	--	--	--	--	--	--
Area	Well ID	Date	Dup																						
North Refinery	MW-61	04/03/2019		0.00315 J	<0.000355		**0.0722**	<0.000236	<0.000297	<0.000284	<0.000624	<0.00325	<0.00165	<0.000279	<0.000330	<0.000283	0.0119	<0.000312	<0.00190	<0.000320	<0.000266	<0.00202	<0.000308	<0.00262	<0.000335
	MW-61	10/23/2019		<0.000325	<0.000355		**0.0902**	<0.000236	<0.000297	<0.000284	<0.000624	<0.00325	<0.00165	<0.000279	<0.000330	<0.000283	0.0163	<0.000312	<0.00190	<0.000320	<0.000266	<0.00202	<0.000308	<0.00262	<0.000335
	MW-61	09/14/2021		0.00362 J	<0.0000698	<0.0000447	**0.0631**	<0.000109	<0.000100	<0.000102	<0.0000636	<0.00593	<0.0000983	<0.000250	<0.0000648	<0.000133	0.0245	<0.0000929	<0.000102	<0.000117	<0.000168	<0.000212	<0.0000869	<0.00112	<0.0000877
	MW-61	04/13/2022		0.00540 J	<0.0000698	<0.0000447	**0.101**	<0.000109	<0.000100	<0.000102	<0.0000636	<0.00593	<0.0000983	<0.000250	<0.0000648	<0.000133	**0.0418**	<0.0000929	<0.000102	<0.000117	<0.000168	<0.000212	<0.0000869	<0.00112	<0.0000877
	MW-61	10/11/2022		0.00336 J	<0.0000698		**0.0738**	<0.000109	<0.000100	0.000268 J	0.000876 J	<0.00593	<0.0000983	<0.000250	<0.0000648	<0.000133	0.0280	<0.0000929	<0.000102	<0.000117	<0.000168	<0.000212	<0.0000869	<0.00112	<0.0000877
	MW-61	03/21/2023		0.00243 J	<0.0000698		**0.0475**	<0.000109	<0.000100	<0.000102	0.000799 J	<0.00593	<0.0000983	<0.000250	<0.0000648	<0.000133	0.0174	<0.0000929	<0.000102	<0.000117	<0.000168	<0.000212	<0.0000869	<0.00112	<0.0000877
	MW-61	10/03/2023		0.00383 J	<0.0000698		**0.0710**	<0.000109 [R]	<0.000100 [R]	<0.000102 [R]	<0.0000636 [R]	<0.00593 [R]	<0.0000983	<0.000250	<0.0000648	<0.000133 [R]	**0.0307**	<0.0000929 [R]	<0.000102	<0.000117 [R]	<0.000168 [R]	<0.000212	<0.0000869	<0.00112 [R]	<0.0000877
	MW-61	04/02/2024		0.00395 J	<0.0000698		**0.0784**	<0.000109	<0.000100	<0.000102	0.000844 J	<0.00593	<0.0000983	<0.000250	<0.0000648	<0.000133	**0.0338**	<0.0000929	<0.000102	<0.000117	<0.000168	<0.000212	<0.0000869	<0.00112	<0.0000877
	MW-61	10/01/2024		0.00370 J	<0.0000698		**0.0757**	<0.000109	<0.000100	<0.000102	<0.0000636	<0.00593	<0.0000983	<0.000250	<0.0000648	<0.000133	**0.0388**	<0.0000929	<0.000102	<0.000117	<0.000168	<0.000212	<0.0000869	<0.00112	<0.0000877
	MW-61	04/01/2025		<0.000790	<0.0000698		0.000589 J	<0.000109	<0.000100	<0.000102	<0.0000636	<0.00593	<0.0000983	<0.000250	<0.0000648	<0.000133	0.000386 J	<0.0000929	<0.000102	<0.000117	0.000221 J	<0.000212	<0.0000869 J3	<0.00112	<0.0000877
	MW-61	10/08/2025		<0.00274 J3	<0.00230 J3		**0.0342 J3**	<0.00270 J3	<0.00238 J3	<0.00241 J3	<0.00433	<0.00571	<0.00187 J3J4	<0.00186 J3	<0.000259 J3	<0.00211 J3	0.0134 J3	<0.00170 J3	<0.00236 J3	<0.00260 J3	<0.00154 J3	<0.00758 J3	<0.00120 J3J4	<0.00349 J3	<0.00267 J3
	MW-62	04/03/2019		0.00389 J	<0.000355		**0.0628**	<0.000236	<0.000297	<0.000284	<0.000624	<0.00325	<0.00165	<0.000279	<0.000330	<0.000283	**0.0320**	<0.000312	<0.00190	<0.000320	<0.000266	<0.00202	<0.000308	<0.00262	<0.000335
	MW-62	10/23/2019		0.00865 J	<0.00710		**0.144**	<0.00472	<0.00594	<0.00568	<0.0125	<0.0650	<0.0330	<0.00558	<0.00660	<0.00566	**0.0581**	<0.00624	<0.0380	<0.00640	<0.00532	<0.0404	<0.00616	<0.0524	<0.00670
	MW-62	09/14/2021		0.00677 J	<0.000349	0.000237 J	**0.0984**	<0.000545	<0.000500	<0.000510	0.0252 J	<0.0297	<0.000491	<0.00125	<0.000324	<0.000665	**0.0537**	<0.000465	<0.000510	<0.000585	<0.000840	<0.00106	<0.000435	<0.00560	<0.000439
	MW-62	04/12/2022		0.00764 J	<0.000349	<0.0000447	**0.108**	<0.000545	<0.000500	<0.000510	0.0758	<0.0297	<0.000491	<0.00125	<0.000324	<0.000665	**0.0581**	<0.000465	<0.000510	<0.000585	<0.000840	<0.00106	<0.000435	<0.00560	<0.000439
	MW-62	10/11/2022		0.00237 J	<0.0000698		**0.0506**	<0.000109	<0.000100	<0.000102	0.0309	<0.00593	<0.0000983	<0.000250	<0.0000648	<0.000133	0.0124	0.00102 J	<0.000102	<0.000117	0.000474 J	<0.000212	<0.0000869	<0.00112	<0.0000877
	MW-90	09/14/2021				<0.0000447																			
	MW-90	04/12/2022				<0.0000447																			
	MW-93	04/03/2019		0.00229 J	<0.000355		**0.0313**	<0.000236	<0.000297	<0.000284	0.0173	<0.00325	<0.00165	<0.000279	<0.000330	<0.000283	0.00507	0.0979	<0.00190	<0.000320	<0.000266	<0.00202	<0.000308	<0.00262	<0.000335
	MW-93	06/17/2020		<0.00395	<0.000349		**0.0340**	<0.000545	<0.000500	<0.000510	0.0157 J	<0.0297	<0.000491	<0.00125	<0.000324	<0.000665	<0.000585	<0.000465	<0.000510	<0.000585	<0.000840	<0.00106	<0.000435	<0.00560	<0.000439
	MW-95	04/03/2019		<0.000325	<0.000355		<0.000332	<0.000236	<0.000297	<0.000284	<0.000624	<0.00325	<0.00165	<0.000279	<0.000330	<0.000283	<0.000311	<0.000312	<0.00190	<0.000320	<0.000266	<0.00202	<0.000308	<0.00262	<0.000335
	MW-95	06/16/2020		<0.00188	<0.000166		<0.000188	<0.000259	<0.000238	<0.000243	<0.000151	<0.0141	<0.000234	<0.000595	<0.000154	<0.000317	<0.000278	<0.000221	<0.000243	<0.000278	<0.000400	<0.000505	<0.000207	<0.00267	<0.000209
	MW-137	04/03/2019		<0.00650	<0.00710		**0.0480**	<0.00472	<0.00594	<0.00568	<0.0125	<0.0650	<0.0330	<0.00558	<0.00660	<0.00566	**0.0474**	<0.00624	<0.0380	<0.00640	<0.00532	<0.0404	<0.00616	<0.0524	<0.00670
	MW-138	04/03/2019		<0.000325	<0.000355		0.00549	<0.000236	<0.000297	<0.000284	<0.000624	<0.00325	<0.00165	<0.000279	<0.000330	<0.000283	0.00356	<0.000312	<0.00190	<0.000320	<0.000266	<0.00202	<0.000308	<0.00262	<0.000335
	RW-2	03/21/2023		0.00158 J	<0.0000698	0.000280 J	0.0187	<0.000109	<0.000100	<0.000102	<0.0000636	<0.00593	<0.0000983	<0.000250	<0.0000648	<0.000133	0.0148	<0.0000929	<0.000102	<0.000117	<0.000168	<0.000212	<0.0000869	<0.00112	<0.0000877
	RW-2	04/01/2025		0.00337 J	<0.0000698	<0.000300	**0.0774**	<0.000109	<0.000100	<0.000102	<0.0000636	<0.00593	<0.0000983	<0.000250	<0.0000648	<0.000133	**0.0350**	<0.0000929	<0.000102	<0.000117	<0.000168	<0.000212	<0.0000869 J3	<0.00112	<0.0000877
	RW-9	04/13/2022				0.000901																			
	RW-9	03/22/2023				0.000867																			
	RW-16B	03/22/2023				0.000367 J																			
	RW-16B	04/01/2025				<0.000300																			
	RW-17A	03/22/2023				<0.0000447																			
NRO	MW-117	09/14/2021				<0.0000447																			
	MW-117	04/12/2022				0.000160 J																			
South Refinery	KWB-2R	03/21/2023				0.000286 J																			
	KWB-2R	10/04/2023				0.000464																			
	MW-50	09/14/2021				<0.0000447																			
	MW-50	04/12/2022				<0.0000447																			
	MW-101	09/15/2021				0.000575																			
	MW-101	04/13/2022				0.000599																			
	MW-102	09/14/2021				<0.0000447																			
	MW-102	09/14/2021	FD			<0.0000447																			
	MW-102	04/13/2022				<0.0000447																			
	MW-102	04/13/2022	FD			<0.0000447																			
	MW-104	09/14/2021				<0.0000447																			
	MW-104	04/13/2022				<0.0000447																			
	MW-106	10/04/2023				0.000241 JB																			
	MW-106	04/02/2024				<0.0000447 T8																			
	MW-109	09/15/2021				<0.0000447																			
	MW-109	04/13/2022				<0.0000447																			
	MW-110	09/15/2021				<0.0000447																			
	MW-110	04/13/2022				<0.0000447																			
	MW-139	09/14/2021				<0.0000447																			
	MW-139	04/12/2022				<0.0000447																			
	RA-313	04/13/2022				<0.0000447																			
	RA-313	03/22/2023				0.000180 JB																			
SRO	MW-114	09/14/2021				<0.0000447																			
	MW-114	04/13/2022				0.000464																			
TEL	MW-49	09/15/2021				0.000415																			
	MW-49	04/13/2022				0.000612																			
	TEL-4	04/02/2019		<0.000325	<0.000355		0.00498	<0.000236	<0.000297	<0.000284	<0.000624	<0.00325	<0.00165	<0.000279	<0.000330	<0.000283	<0.000311	<0.000312	<0.00190	<0.000320	<0.000266	<0.00202	<0.000308	<0.00262	<0.000335
	TEL-4	04/02/2019	FD	<0.000325	<0.000355		0.00531	<0.000236	<0.000297	<0.000284	<0.000624	<0.00325	<0.00165	<0.000279	<0.000330	<0.000283	<0.000311	<0.000312	<0.00190	<0.000320	<0.000266	<0.00202	<0.000308	<0.00262	<0.000335
	TEL-4	10/22/2019		<0.000325	<0.000355		0.00275	<0.000236	<0.000297	<0.000284	<0.000624	<0.00325	<0.00165	<0.000279	<0.000330	<0.000283	<0.000311	<0.000312	<0.00190	<0.000320	<0.000266	<0.00202	<0.000308	<0.00262	<0.000335
	TEL-4	10/22/2019	FD	<0.000325	<0.000355		0.00300	<0.000236	<0.000297	<0.000284	<0.000624	<0.00325	<0.00165	<0.000279	<0.000330	<0.000283	<0.000311	<0.000312	<0.00190	<0.000320	<0.000266	<0.00202	<0.000308	<0.00262	<0.000335
	TEL-4	09/14/2021				0.000499																			
	TEL-4	09/14/2021	FD			0.000558																			
	TEL-4	04/12/2022				<0.0000447																			
	TEL-4	04/12/2022	FD			0.000167 J																			
TMD	MW-21	09/15/2021				<0.0000447																			
	MW-21	04/12/2022				0.000149 J																			
	MW-71	04/12/2022				0.000148 J																			
	MW-71	03/22/2023				<0.0000447																			
	NP-1	09/15/2021				0.000228 J																			
	NP-1	04/12/2022				0.000123 J																			
UG	UG-1	04/11/2022				<0.0000447																			
	UG-1	03/20/2023				0.000157 J																			

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Appendix B, Table B.6 - Summary of Groundwater Analytical Data - Semi-Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				SVOC																					
Analyte				4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Nitroaniline	4-Nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl) ether	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl)phthalate	Butylbenzylphthalate	Caprolactam	Carbazole
CAS				59-50-7	106-47-8	7005-72-3	100-01-6	100-02-7	83-32-9	208-96-8	98-86-2	120-12-7	1912-24-9	100-52-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	111-91-1	111-44-4	108-60-1	117-81-7	85-68-7	105-60-2	86-74-8
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CGWSL				--	--	--	--	--	0.535	--	--	1.72	0.00300	--	--	0.000200	--	--	--	--	--	--	--	0.00600	0.0160	--	--
Area	Well ID	Date	Dup																								
Evaporation Ponds	MW-3	04/13/2022																									
	MW-3	03/22/2023																									
	MW-4A	04/13/2022																									
	MW-4A	03/22/2023																									
	MW-6A	04/13/2022																									
	MW-6A	03/21/2023																									
	MW-22A	04/13/2022																									
	MW-22A	03/22/2023																									
	MW-74	04/12/2022																									
	MW-74	03/22/2023																									
	MW-76	04/13/2022																									
	MW-76	03/22/2023																									
	MW-78	04/13/2022																									
	MW-78	03/22/2023																									
	MW-120	09/14/2021																									
	MW-120	04/13/2022																									
	MW-121	04/13/2022																									
	MW-121	03/21/2023																									
	MW-122	04/12/2022																									
	MW-122	03/21/2023																									
	MW-123	04/13/2022																									
	MW-123	03/22/2023																									
	OCD-3	04/12/2022																									
	OCD-3	03/22/2023																									
	OCD-6	04/12/2022																									
	OCD-6	03/21/2023																									
Field East of Refinery	KWB-11A	09/14/2021																									
	KWB-11A	10/11/2022																									
	KWB-11B	09/14/2021																									
	KWB-11B	04/13/2022																									
	MW-113	09/14/2021																									
	MW-113	09/14/2021	FD																								
	MW-113	04/13/2022																									
	MW-113	04/13/2022	FD																								
	MW-126B	09/14/2021																									
	MW-126B	04/12/2022																									
	MW-134	09/15/2021																									
	MW-134	09/15/2021	FD																								
	MW-134	04/13/2022																									
	MW-134	04/13/2022	FD																								
	MW-135	09/14/2021																									
	MW-135	04/12/2022																									
	RA-4196R	10/04/2023																									
	RA-4196R	04/03/2024																									
	RA-4798	09/14/2021																									
	RA-4798	04/13/2022																									
	RW-13R	03/22/2023																									
	RW-13R	04/02/2025																									
NCL	MW-45	09/15/2021																									
	MW-45	04/13/2022																									
	MW-53R	04/12/2022																									
	MW-53R	03/21/2023																									
	MW-54A	09/14/2021																									
	MW-54A	04/12/2022																									
	MW-54B	03/22/2023																									
	MW-54B	04/01/2025																									
	MW-108	09/14/2021																									
	MW-108	04/12/2022																									
	NCL-31	09/14/2021																									
	NCL-31	04/12/2022																									
	NCL-49	09/14/2021																									
	NCL-49	09/14/2021	FD																								
	NCL-49	04/12/2022																									
	NCL-49	04/12/2022	FD																								
North Refinery	MW-23	04/03/2019		<0.00132	<0.00191	<0.00152	<0.00174	<0.0101	<0.00158	<0.00154	<0.0123	<0.00146	0.00173 J	<0.00700	<0.000255	<0.000191	<0.000448	<0.0000113	<0.00178	<0.00164	<0.00810	<0.00222	0.00460 J	<0.00138	<0.0130	0.0132 J
	MW-23	10/23/2019		<0.00526	<0.00764	<0.00606	<0.00698	<0.0402	<0.00632	<0.00618	<0.0494	<0.00582	**<0.00520**	<0.0280	<0.00102	**<0.000762**	<0.00179	<0.0000454	<0.00710	<0.00658	<0.0324	<0.00890	**<0.0142**	<0.00550	<0.0518	0.0251 J
	MW-29	09/15/2021																									
	MW-29	04/12/2022																									
	MW-42	04/12/2022																									
	MW-43	04/03/2019		<0.000266	<0.000386	<0.000306	<0.000352	<0.00203	0.000872 J	<0.000312	<0.00249	<0.000294	0.000347 J	<0.00141	<0.0000515	<0.0000385	<0.0000905	<0.00000229	<0.000359	<0.000332	<0.00164	<0.000449	0.000920 J	0.00115 J	<0.00262	0.00772 J
	MW-43	10/23/2019		<0.00526	<0.00764	<0.00606	<0.00698	<0.0402	<0.00632	<0.00618	<0.0494	<0.00582	**<0.00520**	<0.0280	<0.00102	**<0.000762**	<0.00179	<0.0000454	<0.00710	<0.00658	<0.0324	<0.00890	**<0.0142**	<0.00550	<0.0518	0.0145 J

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Appendix B, Table B.6 - Summary of Groundwater Analytical Data - Semi-Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	SVOC																					
				Analyte	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Nitroaniline	4-Nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-chloroethoxy)methane	Bis(2-chloroethyl) ether	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl)phthalate	Butylbenzylphthalate	Caprolactam	Carbazole
				CAS	59-50-7	106-47-8	7005-72-3	100-01-6	100-02-7	83-32-9	208-96-8	98-86-2	120-12-7	1912-24-9	100-52-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	111-91-1	111-44-4	108-60-1	117-81-7	85-68-7	105-60-2	86-74-8
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	--	--	--	--	--	0.535	--	--	1.72	0.00300	--	--	0.000200	--	--	--	--	--	--	0.00600	0.0160	--	--
Area	**Well ID**	**Date**	**Dup**																							
North Refinery	MW-61	04/03/2019		<0.000263	<0.000382	<0.000303	<0.000349	<0.00201	0.000667 J	<0.000309	<0.00247	<0.000291	<0.000260	<0.00140	<0.0000510	<0.0000381	<0.0000896	<0.00000227	<0.000355	<0.000329	<0.00162	<0.000445	**0.00818**	<0.000275	<0.00259	0.00142 J
	MW-61	10/23/2019		<0.000263	<0.000382	<0.000303	<0.000349	<0.00201	0.000689 J	<0.000309	<0.00247	<0.000291	<0.000260	<0.00140	<0.0000510	<0.0000381	<0.0000896	0.00000240 J	<0.000355	<0.000329	<0.00162	<0.000445	0.00187 J	<0.000275	<0.00259	0.00127 J
	MW-61	09/14/2021		<0.000131	<0.000234	<0.0000926	<0.0000910	<0.000143	0.000700 J	<0.0000921	<0.000208	<0.0000804	<0.000255	<0.00169 J4	<0.000199	<0.0000381	<0.000130	<0.000121	<0.000120	<0.000116	<0.000137	<0.000210	**0.00884**	<0.000765	<0.000309	0.00145 J
	MW-61	04/13/2022		<0.000131	<0.000234	<0.0000926	<0.0000910	<0.000143	0.000905 J	<0.0000921	<0.000208	<0.0000804	<0.000255	<0.00169 J4	<0.000199	<0.0000381	<0.000130	<0.000121	<0.000120	<0.000116	<0.000137	<0.000210	**0.0152**	<0.000765	<0.000309	0.00179 J
	MW-61	10/11/2022		<0.000131	<0.000234	<0.0000926	<0.0000910	<0.000143	0.000495 J	<0.0000921	<0.000208	<0.0000804	<0.000255	<0.00169	<0.000199	<0.0000381	<0.000130	<0.000121	<0.000120	<0.000116	<0.000137	<0.000210	**0.0143**	<0.000765	<0.000309	0.00128 J
	MW-61	03/21/2023		<0.000131	<0.000234	<0.0000926	<0.0000910	<0.000143	0.000446 J	<0.0000921	<0.000208	<0.0000804	<0.000255	<0.00169 J4	<0.000199	<0.0000381	<0.000130	<0.000121	<0.000120	<0.000116	<0.000137	<0.000210	**0.0317**	<0.000765	<0.000309	0.00125 J
	MW-61	10/03/2023		<0.000131 [R]	<0.000234	<0.0000926	<0.0000910	<0.000143 [R]	0.000625 J	<0.0000921	<0.000208	0.00139	<0.000255	<0.00169 J4	<0.000199	<0.0000381	<0.000130	<0.000121	<0.000120	<0.000116	<0.000137	<0.000210	**0.0103**	<0.000765	<0.000309	0.00146 J
	MW-61	04/02/2024		<0.000131	<0.000234	<0.0000926	<0.0000910	<0.000143 J4	0.000647 J	<0.0000921	<0.000208	<0.0000804	<0.000255	<0.00169 C6J4	<0.000199	<0.0000381	<0.000130	<0.000121	<0.000120	<0.000116	<0.000137	<0.000210	0.00529	<0.000765	<0.000309	0.00108 J
	MW-61	10/01/2024		<0.000131	<0.000234	<0.0000926	<0.0000910	<0.000143	0.000679 J	<0.0000921	<0.000208	<0.0000804	<0.000255	<0.00169 C6J4	<0.000199	<0.0000381	<0.000130	<0.000121	<0.000120	<0.000116	<0.000137	<0.000210	**0.0174**	<0.000765	<0.000309	0.00125 J
	MW-61	04/01/2025		<0.000131	<0.000234 J3	<0.0000926	<0.0000910 J3	<0.000143	<0.0000886	<0.0000921	<0.000208	<0.0000804	<0.000255	<0.00169	<0.000199 J3	<0.0000381 J3	<0.000130 J3	<0.000121 J3	<0.000120	<0.000116	<0.000137	<0.000210	<0.000895 J3	<0.000765	<0.000309	<0.000111
	MW-61	10/08/2025		<0.00228 J3	<0.00506 J3	<0.00222 J3	<0.00211 J3	<0.00755 C3J3	0.000425 J J3	<0.000265 J3	<0.00205 J3	<0.000196 J3	<0.00244 J3	<0.00866 C7	<0.000234 J3	<0.000128 J3J4	<0.000280 J3	<0.000254 J3J4	<0.000247 J3	<0.00188 J3	<0.00205 J3	<0.00191 J3	**0.00628 J3**	<0.00113 J3	<0.000736	<0.00211 J3
	MW-62	04/03/2019		<0.000263	<0.000382	<0.000303	<0.000349	<0.00201	0.00134	<0.000309	<0.00247	<0.000291	<0.000260	<0.00140	<0.0000510	<0.0000381	<0.0000896	<0.00000227	<0.000355	<0.000329	<0.00162	<0.000445	0.00168 J	<0.000275	<0.00259	0.00472 J
	MW-62	10/23/2019		<0.00526	<0.00764	<0.00606	<0.00698	<0.0402	<0.00632	<0.00618	<0.0494	<0.00582	**<0.00520**	<0.0280	<0.00102	**<0.000762**	<0.00179	<0.0000454	<0.00710	<0.00658	<0.0324	<0.00890	**<0.0142**	<0.00550	<0.0518	0.0103 J
	MW-62	09/14/2021		<0.000655	<0.00117	<0.000463	<0.000455	<0.000715	0.00161 J	<0.000461	<0.00104	<0.000402	<0.00128	<0.00845 J4	<0.000995	<0.000191	<0.000650	<0.000605	<0.000600	<0.000580	<0.000685	<0.00105	<0.00448	<0.00383	<0.00154	0.00470 J
	MW-62	04/12/2022		<0.000655	<0.00117	<0.000463	<0.000455	<0.000715	0.00186 J	<0.000461	<0.00104	<0.000402	<0.00128	<0.00845 J4	<0.000995	<0.000191	<0.000650	<0.000605	<0.000600	<0.000580	<0.000685	<0.00105	<0.00448	<0.00383	<0.00154	0.00435 J
	MW-62	10/11/2022		<0.000131	<0.000234	<0.0000926	<0.0000910	<0.000143	0.000977 J	<0.0000921	<0.000208	<0.0000804	<0.000255	<0.00169	<0.000199	<0.0000381	<0.000130	<0.000121	<0.000120	<0.000116	<0.000137	<0.000210	<0.000895	<0.000765	<0.000309	0.00348 J
	MW-90	09/14/2021																								
	MW-90	04/12/2022																								
	MW-93	04/03/2019		<0.000263	<0.000382	<0.000303	<0.000349	<0.00201	0.00176	<0.000309	<0.00247	0.00179	<0.000260	<0.00140	<0.0000510	<0.0000381	<0.0000896	<0.00000227	<0.000355	<0.000329	<0.00162	<0.000445	0.00129 J	<0.000275	<0.00259	0.0257
	MW-93	06/17/2020		<0.000655	<0.00117	<0.000463	<0.000455	<0.000715	0.00190 J	<0.000461	<0.00104	0.00137 J	<0.00128	<0.00845 J4	<0.000995	<0.000191	<0.000650	<0.000605	<0.000600	<0.000580	<0.000685	<0.00105	<0.00448	<0.00383	<0.00154	0.0264 J
	MW-95	04/03/2019		<0.000263	<0.000382	<0.000303	<0.000349	<0.00201	0.000508 J	<0.000309	<0.00247	<0.000291	0.00126 J	<0.00140	<0.0000510	<0.0000381	<0.0000896	<0.00000227	<0.000355	<0.000329	<0.00162	<0.000445	0.000850 J	<0.000275	<0.00259	<0.000260
	MW-95	06/16/2020		<0.000312	<0.000557	<0.000220	<0.000217	<0.000340	0.000679 J	<0.000219	<0.000495	<0.000191	<0.000607	<0.00402 J4	<0.000474	<0.0000907	<0.000309	<0.000288	<0.000286	<0.000276	<0.000326	<0.000500	<0.00213	<0.00182	<0.000735	<0.000264
	MW-137	04/03/2019		<0.00526	<0.00764	<0.00606	<0.00698	<0.0402	<0.00632	<0.00618	<0.0494	<0.00582	**<0.00520**	<0.0280	<0.00102	**<0.000762**	<0.00179	<0.0000454	<0.00710	<0.00658	<0.0324	<0.00890	**<0.0142**	<0.00550	<0.0518	<0.00520
	MW-138	04/03/2019		<0.000263	<0.000382	<0.000303	<0.000349	<0.00201	0.000968 J	<0.000309	<0.00247	<0.000291	0.000420 J	<0.00140	<0.0000510	<0.0000381	<0.0000896	<0.00000227	<0.000355	<0.000329	<0.00162	<0.000445	<0.000709	<0.000275	<0.00259	0.000643 J
	RW-2	03/21/2023		<0.000131	<0.000234	<0.0000926	<0.0000910	<0.000143	0.00148	<0.0000921	<0.000208	0.000286 J	<0.000255	<0.00169 J4	<0.000199	<0.0000381	<0.000130	<0.000121	<0.000120	<0.000116	<0.000137	<0.000210	0.00546	<0.000765	<0.000309	0.00332 J
	RW-2	04/01/2025		<0.000131	<0.000234 J3	<0.0000926	<0.0000910 J3	<0.000143	0.000691 J	<0.0000921	<0.000208	<0.0000804	<0.000255	<0.00169 C7	<0.000199 J3	<0.0000381 J3	<0.000130 J3	<0.000121 J3	<0.000120	<0.000116	<0.000137	<0.000210	0.00421 J3	<0.000765	<0.000309	0.00115 J
	RW-9	04/13/2022																								
	RW-9	03/22/2023																								
	RW-16B	03/22/2023																								
	RW-16B	04/01/2025																								
	RW-17A	03/22/2023																								
NRO	MW-117	09/14/2021																								
	MW-117	04/12/2022																								
South Refinery	KWB-2R	03/21/2023																								
	KWB-2R	10/04/2023																								
	MW-50	09/14/2021																								
	MW-50	04/12/2022																								
	MW-101	09/15/2021																								
	MW-101	04/13/2022																								
	MW-102	09/14/2021																								
	MW-102	09/14/2021	FD																							
	MW-102	04/13/2022																								
	MW-102	04/13/2022	FD																							
	MW-104	09/14/2021																								
	MW-104	04/13/2022																								
	MW-106	10/04/2023																								
	MW-106	04/02/2024																								
	MW-109	09/15/2021																								
	MW-109	04/13/2022																								
	MW-110	09/15/2021																								
	MW-110	04/13/2022																								
	MW-139	09/14/2021																								
	MW-139	04/12/2022																								
	RA-313	04/13/2022																								
	RA-313	03/22/2023																								
SRO	MW-114	09/14/2021																								
	MW-114	04/13/2022																								
TEL	MW-49	09/15/2021																								
	MW-49	04/13/2022																								
	TEL-4	04/02/2019		<0.000263	<0.000382	<0.000303	<0.000349	<0.00201	0.000493 J	<0.000309	<0.00247	<0.000291	<0.000260	<0.00140	<0.0000510	0.000119 JB	<0.0000896	<0.00000227	<0.000355	<0.000329	<0.00162	<0.000445	**0.0641**	<0.000275	<0.00259	<0.000260
	TEL-4	04/02/2019	FD	<0.000263	<0.000382	<0.000303	<0.000349	<0.00201	0.000532 J	<0.000309	<0.00247	<0.000291	<0.000260	<0.00140	<0.0000510	<0.0000381	<0.0000896	<0.00000227	<0.000355	<0.000329	<0.00162	<0.000445	0.000835 J	<0.000275	<0.00259	<0.000260
	TEL-4	10/22/2019		<0.000263	<0.000382	<0.000303	<0.000349	<0.00201	0.000378 J	<0.000309	<0.00247	<0.000291	0.000434 J	<0.00140	<0.0000510	<0.0000381	<0.0000896	<0.00000227	<0.000355	<0.000329	<0.00162	<0.000445	0.00120 J	<0.000275	<0.00259	0.000400 J
	TEL-4	10/22/2019	FD	<0.000263	<0.000382	<0.000303	<0.000349	<0.00201	0.000465 J	<0.000309	<0.00247	<0.000291	0.000340 J	<0.00140	<0.0000510	<0.0000381	<0.0000896	<0.00000227	<0.000355	<0.000329	<0.00162	<0.000445	0.00146 J	<0.000275	<0.00259	0.000289 J
	TEL-4	09/14/2021																								
	TEL-4	09/14/2021	FD																							
	TEL-4	04/12/2022																								
	TEL-4	04/12/2022	FD																							
TMD	MW-21	09/15/2021																								
	MW-21	04/12/2022																								
	MW-71	04/12/2022																								
	MW-71	03/22/2023																								
	NP-1	09/15/2021																								
	NP-1	04/12/2022																								
UG	UG-1	04/11/2022																								
	UG-1	03/20/2023																								

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Appendix B, Table B.6 - Summary of Groundwater Analytical Data - Semi-Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	SVOC																				
				Analyte	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethyl phthalate	Dimethylphthalate	Di-n-butylphthalate	Di-n-octylphthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
				CAS	218-01-9	53-70-3	132-64-9	84-66-2	131-11-3	84-74-2	117-84-0	206-44-0	86-73-7	118-74-1	87-68-3	77-47-4	67-72-1	193-39-5	78-59-1	91-20-3	98-95-3	621-64-7	86-30-6	87-86-5	85-01-8	108-95-2	129-00-0
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	--	--	0.00790	14.8	--	0.885	--	0.802	0.288	0.00100	--	0.0500	--	--	--	0.0300	--	--	--	0.00100	0.170	0.00500	0.117
Area	**Well ID**	**Date**	**Dup**																						
Evaporation Ponds	MW-3	04/13/2022																							
	MW-3	03/22/2023																							
	MW-4A	04/13/2022																							
	MW-4A	03/22/2023																							
	MW-6A	04/13/2022																							
	MW-6A	03/21/2023																							
	MW-22A	04/13/2022																							
	MW-22A	03/22/2023																							
	MW-74	04/12/2022																							
	MW-74	03/22/2023																							
	MW-76	04/13/2022																							
	MW-76	03/22/2023																							
	MW-78	04/13/2022																							
	MW-78	03/22/2023																							
	MW-120	09/14/2021																							
	MW-120	04/13/2022																							
	MW-121	04/13/2022																							
	MW-121	03/21/2023																							
	MW-122	04/12/2022																							
	MW-122	03/21/2023																							
	MW-123	04/13/2022																							
	MW-123	03/22/2023																							
	OCD-3	04/12/2022																							
	OCD-3	03/22/2023																							
	OCD-6	04/12/2022																							
	OCD-6	03/21/2023																							
Field East of Refinery	KWB-11A	09/14/2021																							
	KWB-11A	10/11/2022																							
	KWB-11B	09/14/2021																							
	KWB-11B	04/13/2022																							
	MW-113	09/14/2021																							
	MW-113	09/14/2021	FD																						
	MW-113	04/13/2022																							
	MW-113	04/13/2022	FD																						
	MW-126B	09/14/2021																							
	MW-126B	04/12/2022																							
	MW-134	09/15/2021																							
	MW-134	09/15/2021	FD																						
	MW-134	04/13/2022																							
	MW-134	04/13/2022	FD																						
	MW-135	09/14/2021																							
	MW-135	04/12/2022																							
	RA-4196R	10/04/2023																							
	RA-4196R	04/03/2024																							
	RA-4798	09/14/2021																							
	RA-4798	04/13/2022																							
	RW-13R	03/22/2023																							
	RW-13R	04/02/2025																							
NCL	MW-45	09/15/2021																							
	MW-45	04/13/2022																							
	MW-53R	04/12/2022																							
	MW-53R	03/21/2023																							
	MW-54A	09/14/2021																							
	MW-54A	04/12/2022																							
	MW-54B	03/22/2023																							
	MW-54B	04/01/2025																							
	MW-108	09/14/2021																							
	MW-108	04/12/2022																							
	NCL-31	09/14/2021																							
	NCL-31	04/12/2022																							
	NCL-49	09/14/2021																							
	NCL-49	09/14/2021	FD																						
	NCL-49	04/12/2022																							
	NCL-49	04/12/2022	FD																						
North Refinery	MW-23	04/03/2019		<0.00166	<0.000322	0.00394 J	<0.00141	<0.00141	<0.00133	<0.00139	<0.00155	0.00472 J	**<0.00170**	<0.00164	<0.0117	<0.00183	<0.00140	<0.00136	**0.0450**	<0.00184	<0.00201	<0.00595	**<0.00157**	0.00788	**0.0133 J**	<0.00165
	MW-23	10/23/2019		<0.00664	<0.00129	**0.00924 J**	<0.00564	<0.00566	<0.00532	<0.00556	<0.00620	0.0112 J	**<0.00682**	<0.00658	<0.0466	<0.00730	<0.00558	<0.00544	0.0262	<0.00734	<0.00806	<0.0238	**<0.00626**	0.0146 J	**0.0166 J**	<0.00660
	MW-29	09/15/2021																							
	MW-29	04/12/2022																							
	MW-42	04/12/2022																							
	MW-43	04/03/2019		<0.000335	<0.0000650	0.00192 J	<0.000285	<0.000286	<0.000269	<0.000281	<0.000313	0.00264	<0.000344	<0.000332	<0.00235	<0.000369	<0.000282	<0.000275	**0.0749**	<0.000371	<0.000407	<0.00120	<0.000316	0.00224	**0.00703 J**	<0.000333
	MW-43	10/23/2019		<0.00664	<0.00129	<0.00676	<0.00564	<0.00566	<0.00532	<0.00556	<0.00620	0.00946 J	**<0.00682**	<0.00658	<0.0466	<0.00730	<0.00558	<0.00544	**0.249**	<0.00734	<0.00806	<0.0238	**<0.00626**	0.00892 J	**<0.00668**	<0.00660

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Appendix B, Table B.6 - Summary of Groundwater Analytical Data - Semi-Volatile Organic Compounds

2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

				Analyte Group	SVOC																				
				Analyte	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethyl phthalate	Dimethylphthalate	Di-n-butylphthalate	Di-n-octylphthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	Naphthalene	Nitrobenzene	n-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
				CAS	218-01-9	53-70-3	132-64-9	84-66-2	131-11-3	84-74-2	117-84-0	206-44-0	86-73-7	118-74-1	87-68-3	77-47-4	67-72-1	193-39-5	78-59-1	91-20-3	98-95-3	621-64-7	86-30-6	87-86-5	85-01-8	108-95-2	129-00-0
				Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				CGWSL	--	--	0.00790	14.8	--	0.885	--	0.802	0.288	0.00100	--	0.0500	--	--	--	0.0300	--	--	--	0.00100	0.170	0.00500	0.117
Area	**Well ID**	**Date**	**Dup**																						
North Refinery	MW-61	04/03/2019		<0.000332	<0.0000644	0.00293 J	<0.000282	<0.000283	<0.000266	<0.000278	<0.000310	0.00193	<0.000341	<0.000329	<0.00233	<0.000365	<0.000279	<0.000272	**0.0701**	<0.000367	<0.000403	<0.00119	<0.000313	0.00126	0.00457 J	<0.000330
	MW-61	10/23/2019		<0.000332	<0.0000644	0.00398 J	<0.000282	<0.000283	<0.000266	<0.000278	<0.000310	0.00285	<0.000341	<0.000329	<0.00233	<0.000365	<0.000279	<0.000272	**0.0831**	<0.000367	<0.000403	<0.00119	<0.000313	0.00146	0.00164 J	<0.000330
	MW-61	09/14/2021		<0.000130	<0.0000644	0.00276 J	<0.000287	<0.000260	<0.000453	<0.000932	<0.000102	0.00187	<0.0000755	<0.0000968	<0.0000598	<0.000127	<0.000279	<0.000143	**0.0894**	<0.000297	<0.000261	<0.00237	<0.000313	0.00132	<0.00433	<0.000107
	MW-61	04/13/2022		<0.000130	<0.0000644	0.00406 J	<0.000287	<0.000260	<0.000453	<0.000932	<0.000102	0.00241	<0.0000755	<0.0000968	<0.0000598	<0.000127	<0.000279	<0.000143	**0.143**	<0.000297	<0.000261	<0.00237	<0.000313	0.00147	<0.00433	<0.000107
	MW-61	10/11/2022		<0.000130	<0.0000644	0.00311 J	<0.000287	<0.000260	<0.000453	<0.000932	<0.000102	0.00184	<0.0000755	<0.0000968	<0.0000598	<0.000127	<0.000279	<0.000143	**0.0978**	<0.000297	<0.000261	<0.00237 J4	<0.000313	0.00119	<0.00433	<0.000107
	MW-61	03/21/2023		<0.000130	<0.0000644	0.00207 J	<0.000287	<0.000260	<0.000453	<0.000932	<0.000102	0.00121	<0.0000755	<0.0000968	<0.0000598	<0.000127	<0.000279	<0.000143	**0.0676**	<0.000297	<0.000261	<0.00237	<0.000313	0.000741 J	<0.00433	<0.000107
	MW-61	10/03/2023		<0.000130	<0.0000644	0.00305 J	<0.000287	<0.000260	<0.000453	<0.000932	<0.000102	0.00199	<0.0000755	<0.0000968	<0.0000598	<0.000127	<0.000279	<0.000143	**0.101**	<0.000297	<0.000261	<0.00237	<0.000313 [R]	0.00134	<0.00433 [R]	<0.000107
	MW-61	04/02/2024		<0.000130	<0.0000644	0.00326 J	<0.000287	<0.000260	<0.000453	<0.000932	<0.000102	0.00190	<0.0000755	<0.0000968	<0.0000598	<0.000127	<0.000279	<0.000143	**0.111**	<0.000297	<0.000261	<0.00237	<0.000313	0.00111	<0.00433	<0.000107
	MW-61	10/01/2024		<0.000130	<0.0000644	0.00322 J	<0.000287	<0.000260	<0.000453	<0.000932	<0.000102	0.00209	<0.0000755	<0.0000968	<0.0000598	<0.000127	<0.000279	<0.000143	**0.111**	<0.000297	<0.000261	<0.00237	<0.000313	0.00126	<0.00433	<0.000107
	MW-61	04/01/2025		<0.000130 J3	<0.0000644 J3	0.000110 J	<0.000287	<0.000260	<0.000453	<0.000932 J3	<0.000102	0.000123 J	<0.0000755	<0.0000968	<0.0000598	<0.000127	<0.000279 J3	<0.000143	0.000433 J	<0.000297	<0.000261 C3	<0.00237	<0.000313	0.000222 J	<0.00433	<0.000107
	MW-61	10/08/2025		<0.000279 J3	<0.000148 J3	<0.00251 J3	<0.000861 J3	<0.000772 J3	<0.000794 J3	<0.00133 J3	<0.000229 J3	0.00123 J3J4	<0.000259 J3J4	<0.00227 J3	<0.00281 J3	<0.00215 J3	<0.000285 J3J4	<0.00172 J3	**0.0478 J3**	<0.00197 J3	<0.00202 J3	<0.00202 J3J4	<0.000708 C3J3	0.00104 J3	0.00134 J	<0.000259 J3
	MW-62	04/03/2019		<0.000332	<0.0000644	0.00458 J	<0.000282	<0.000283	<0.000266	<0.000278	<0.000310	0.00221	<0.000341	<0.000329	<0.00233	<0.000365	<0.000279	<0.000272	**0.0861**	<0.000367	<0.000403	<0.00119	<0.000313	0.00191	<0.000334	<0.000330
	MW-62	10/23/2019		<0.00664	<0.00129	**0.0128 J**	<0.00564	<0.00566	<0.00532	<0.00556	<0.00620	0.00862 J	**<0.00682**	<0.00658	<0.0466	<0.00730	<0.00558	<0.00544	**0.168**	<0.00734	<0.00806	<0.0238	**<0.00626**	<0.00732	**<0.00668**	<0.00660
	MW-62	09/14/2021		<0.000650	<0.000322	0.00575 J	<0.00143	<0.00130	<0.00227	<0.00466	<0.000510	0.00375 J	<0.000378	<0.000484	<0.000299	<0.000635	<0.00140	<0.000715	**0.157**	<0.00148	<0.00131	<0.0119	**<0.00157**	0.00194 J	**<0.0217**	<0.000535
	MW-62	04/12/2022		<0.000650	<0.000322	0.00579 J	<0.00143	<0.00130	<0.00227	<0.00466	<0.000510	0.00369 J	<0.000378	<0.000484	<0.000299	<0.000635	<0.00140	<0.000715	**0.161**	<0.00148	<0.00131	<0.0119	**<0.00157**	0.00241 J	**<0.0217**	<0.000535
	MW-62	10/11/2022		<0.000130	<0.0000644	0.00334 J	<0.000287	<0.000260	<0.000453	<0.000932	<0.000102	0.00238	<0.0000755	<0.0000968	<0.0000598	<0.000127	<0.000279	<0.000143	**0.0534**	<0.000297	<0.000261	<0.00237 J4	<0.000313	0.00227	<0.00433	<0.000107
	MW-90	09/14/2021																								
	MW-90	04/12/2022																								
	MW-93	04/03/2019		<0.000332	<0.0000644	0.00397 J	<0.000282	<0.000283	<0.000266	<0.000278	0.000373 J	0.00784	<0.000341	<0.000329	<0.00233	<0.000365	<0.000279	<0.000272	**0.0307**	<0.000367	<0.000403	<0.00119	<0.000313	0.0119	0.00492 J	0.000570 J
	MW-93	06/17/2020		<0.000650	<0.000322	0.00396 J	<0.00143	<0.00130	<0.00227	<0.00466	<0.000510	0.00813	<0.000378	<0.000484	<0.000299	<0.000635	<0.00140	<0.000715	0.0298	<0.00148	<0.00131	<0.0119	**<0.00157**	0.0132	**<0.0217**	0.000746 J
	MW-95	04/03/2019		<0.000332	<0.0000644	0.00173 J	<0.000282	<0.000283	<0.000266	<0.000278	<0.000310	<0.000323	<0.000341	<0.000329	<0.00233	<0.000365	<0.000279	<0.000272	<0.000372	<0.000367	<0.000403	<0.00119	<0.000313	<0.000366	0.00279 J	<0.000330
	MW-95	06/16/2020		<0.000309	<0.000153	0.00259 J	<0.000683	<0.000619	<0.00108	<0.00222	<0.000243	<0.000201	<0.000180	<0.000230	<0.000142	<0.000302	<0.000664	<0.000340	0.00115 JB	<0.000707	<0.000621	<0.00564	<0.000745	<0.000267	**<0.0103**	<0.000255
	MW-137	04/03/2019		<0.00664	<0.00129	<0.00676	0.00635 J	<0.00566	<0.00532	<0.00556	<0.00620	<0.00646	**<0.00682**	<0.00658	<0.0466	<0.00730	<0.00558	<0.00544	**0.116**	<0.00734	<0.00806	<0.0238	**<0.00626**	<0.00732	**<0.00668**	<0.00660
	MW-138	04/03/2019		<0.000332	<0.0000644	0.000611 J	<0.000282	<0.000283	<0.000266	<0.000278	<0.000310	0.00138	<0.000341	<0.000329	<0.00233	<0.000365	<0.000279	<0.000272	0.0117	<0.000367	<0.000403	<0.00119	<0.000313	0.000583 J	0.00288 J	<0.000330
	RW-2	03/21/2023		<0.000130	<0.0000644	0.00259 J	<0.000287	<0.000260	<0.000453	<0.000932	0.000419 J	0.00359	<0.0000755	<0.0000968	<0.0000598	<0.000127	<0.000279	<0.000143	0.0149	<0.000297	<0.000261	<0.00237	<0.000313	0.00813	**0.00652 J**	0.000875 J
	RW-2	04/01/2025		<0.000130 J3	<0.0000644 J3	0.00307 J	<0.000287	<0.000260	<0.000453	<0.000932 J3	<0.000102	0.00198	<0.0000755	<0.0000968	<0.0000598 C3	<0.000127	<0.000279 J3	<0.000143	**0.118**	<0.000297	<0.000261	<0.00237	<0.000313 C3	0.00100 J	<0.00433	<0.000107
	RW-9	04/13/2022																								
	RW-9	03/22/2023																								
	RW-16B	03/22/2023																								
	RW-16B	04/01/2025																								
	RW-17A	03/22/2023																								
NRO	MW-117	09/14/2021																								
	MW-117	04/12/2022																								
South Refinery	KWB-2R	03/21/2023																								
	KWB-2R	10/04/2023																								
	MW-50	09/14/2021																								
	MW-50	04/12/2022																								
	MW-101	09/15/2021																								
	MW-101	04/13/2022																								
	MW-102	09/14/2021																								
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	MW-102	04/13/2022																								
	MW-102	04/13/2022	FD																							
	MW-104	09/14/2021																								
	MW-104	04/13/2022																								
	MW-106	10/04/2023																								
	MW-106	04/02/2024																								
	MW-109	09/15/2021																								
	MW-109	04/13/2022																								
	MW-110	09/15/2021																								
	MW-110	04/13/2022																								
	MW-139	09/14/2021																								
	MW-139	04/12/2022																								
	RA-313	04/13/2022																								
	RA-313	03/22/2023																								
SRO	MW-114	09/14/2021																								
	MW-114	04/13/2022																								
TEL	MW-49	09/15/2021																								
	MW-49	04/13/2022																								
	TEL-4	04/02/2019		<0.000332	<0.0000644	0.00177 J	<0.000282	<0.000283	0.000273 J	<0.000278	<0.000310	0.00118	<0.000341	<0.000329	<0.00233	<0.000365	<0.000279	<0.000272	<0.000372	<0.000367	<0.000403	<0.00119	<0.000313	<0.000366	0.00150 J	<0.000330
	TEL-4	04/02/2019	FD	<0.000332	<0.0000644	0.00205 J	<0.000282	<0.000283	0.000267 J	<0.000278	<0.000310	0.00106	<0.000341	<0.000329	<0.00233	<0.000365	<0.000279	<0.000272	<0.000372	<0.000367	<0.000403	<0.00119	<0.000313	<0.000366	0.00177 J	<0.000330
	TEL-4	10/22/2019		<0.000332	<0.0000644	0.00161 J	<0.000282	<0.000283	0.000312 J	<0.000278	<0.000310	0.000570 J	<0.000341	<0.000329	<0.00233	<0.000365	<0.000279	<0.000272	0.000383 J	<0.000367	<0.000403	<0.00119	<0.000313	<0.000366	0.000961 J	<0.000330
	TEL-4	10/22/2019	FD	<0.000332	<0.0000644	0.00169 J	<0.000282	<0.000283	0.000278 J	<0.000278	<0.000310	0.000676 J	<0.000341	<0.000329	<0.00233	<0.000365	<0.000279	<0.000272	0.000395 J	<0.000367	<0.000403	<0.00119	<0.000313	<0.000366	0.00146 J	<0.000330
	TEL-4	09/14/2021																								
	TEL-4	09/14/2021	FD																							
	TEL-4	04/12/2022																								
	TEL-4	04/12/2022	FD																							
TMD	MW-21	09/15/2021																								
	MW-21	04/12/2022																								
	MW-71	04/12/2022																								
	MW-71	03/22/2023																								
	NP-1	09/15/2021																								
	NP-1	04/12/2022																								
UG	UG-1	04/11/2022																								
	UG-1	03/20/2023																								

Definitions

X	Reported concentration, X, exceeds the CGWSL.
X	Analyte detected above the detection limit at a concentration equal to X.
<x	Analyte not detected at detection limit equal to x.
<x	Analyte not detected at detection limit equal to x, but x exceeds the CGWSL.
	Blank cell indicates a sample was collected from the well during the indicated sampling event, but the analyte was not analyzed.

Abbreviations

CGWSL	Critical Groundwater Screening Level
NRO	North RO Field
SRO	South RO Field
UG	Upgradient
Dup	Duplicate sample
FD	Field duplicate sample
mg/L	Milligrams per Liter
TEL	Tetra Ethyl Lead Surface Impoundment
TMD	Three Mile Ditch

Lab Footnote

B	Analyte was also detected in the associated method blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C6	The initial calibration verification standard (SSCV) associated with this data responded low.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
J	Indicates an estimated value.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
T8	Sample(s) received past/too close to holding time expiration.
[R]	Non-detect result qualified as not usable for project objectives due to lack of surrogate recovery.

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ANALYTICAL REPORT

April 21, 2025

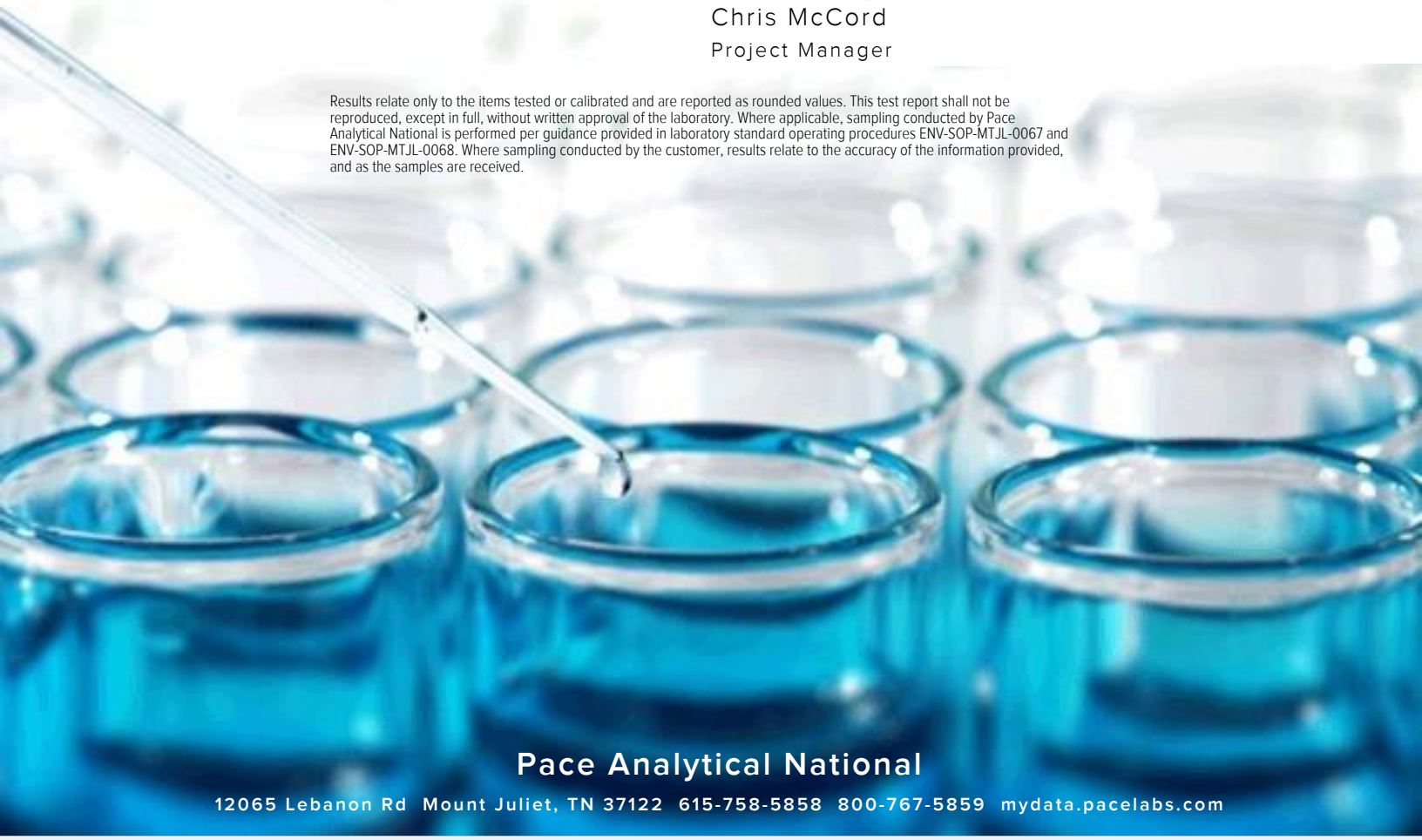
TRC Solutions - Austin, TX

Sample Delivery Group:	L1842529
Samples Received:	04/02/2025
Project Number:	646047.0000.0000
Description:	Artesia Spring 2025
Site:	(NAVAJO - ARTESIA)
Report To:	Julie Speer
	505 E. Huntland Dr, Ste 250
	Austin, TX 78752

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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MW-6A L1842529-01 GW

Collected by | Collected date/time 04/01/25 08:30 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/02/25 19:41	04/02/25 19:41	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/02/25 20:28	04/02/25 20:28	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482620	1	04/03/25 20:19	04/04/25 00:57	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484373	1	04/07/25 06:22	04/07/25 06:22	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484281	1	04/06/25 20:05	04/06/25 20:05	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 15:32	MAA	Mt. Juliet, TN

MW-6B L1842529-02 GW

Collected by | Collected date/time 04/01/25 09:10 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/02/25 20:59	04/02/25 20:59	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/02/25 21:15	04/02/25 21:15	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482620	1	04/03/25 20:20	04/04/25 01:23	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484373	1	04/07/25 06:45	04/07/25 06:45	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484281	1	04/06/25 20:25	04/06/25 20:25	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/09/25 06:19	MAA	Mt. Juliet, TN

MW-120 L1842529-03 GW

Collected by | Collected date/time 04/01/25 09:50 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/02/25 21:30	04/02/25 21:30	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/02/25 21:46	04/02/25 21:46	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482620	5	04/03/25 20:20	04/04/25 02:26	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484373	1	04/07/25 07:08	04/07/25 07:08	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484281	1	04/06/25 21:00	04/06/25 21:00	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 16:18	MAA	Mt. Juliet, TN

MW-121 L1842529-04 GW

Collected by | Collected date/time 04/01/25 10:30 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/02/25 22:01	04/02/25 22:01	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/02/25 22:17	04/02/25 22:17	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482620	1	04/03/25 20:20	04/04/25 01:37	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484373	1	04/07/25 07:31	04/07/25 07:31	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 12:32	04/07/25 12:32	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/09/25 01:07	MAA	Mt. Juliet, TN

MW-122 L1842529-05 GW

Collected by | Collected date/time 04/01/25 13:20 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/02/25 22:33	04/02/25 22:33	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/02/25 22:48	04/02/25 22:48	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482620	5	04/03/25 20:20	04/04/25 02:36	UNP	Mt. Juliet, TN

MW-122 L1842529-05 GW

Collected by | Collected date/time 04/01/25 13:20 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484373	1	04/07/25 07:55	04/07/25 07:55	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 12:52	04/07/25 12:52	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 17:05	MAA	Mt. Juliet, TN

MW-81 L1842529-06 GW

Collected by | Collected date/time 04/01/25 11:10 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/02/25 23:35	04/02/25 23:35	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/02/25 23:51	04/02/25 23:51	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482620	1	04/03/25 20:20	04/04/25 01:46	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484373	1	04/07/25 08:18	04/07/25 08:18	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 13:11	04/07/25 13:11	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 18:37	MAA	Mt. Juliet, TN

MW-80 L1842529-07 GW

Collected by | Collected date/time 04/01/25 11:50 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/03/25 00:06	04/03/25 00:06	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/03/25 00:22	04/03/25 00:22	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482620	1	04/03/25 20:20	04/04/25 01:49	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484373	1	04/07/25 08:41	04/07/25 08:41	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 13:31	04/07/25 13:31	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 19:00	MAA	Mt. Juliet, TN

MW-79 L1842529-08 GW

Collected by | Collected date/time 04/01/25 12:30 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/03/25 00:37	04/03/25 00:37	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/03/25 00:53	04/03/25 00:53	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482620	1	04/03/25 20:20	04/04/25 01:52	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484373	1	04/07/25 09:04	04/07/25 09:04	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 13:51	04/07/25 13:51	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 19:23	MAA	Mt. Juliet, TN

MW-2A L1842529-09 GW

Collected by | Collected date/time 04/01/25 14:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/03/25 01:09	04/03/25 01:09	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/03/25 01:24	04/03/25 01:24	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482620	5	04/03/25 20:20	04/04/25 01:56	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484373	1	04/07/25 09:28	04/07/25 09:28	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 14:11	04/07/25 14:11	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 19:47	MAA	Mt. Juliet, TN

Cp Tc Ss Cn Sr Qc Gl Al Sc

MW-72 L1842529-10 GW

Collected by	Collected date/time	Received date/time
	04/01/25 14:50	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/03/25 01:40	04/03/25 01:40	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/03/25 01:55	04/03/25 01:55	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482620	5	04/03/25 20:20	04/04/25 01:59	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 02:01	04/07/25 02:01	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 14:31	04/07/25 14:31	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 20:10	MAA	Mt. Juliet, TN

EB-EP-04 L1842529-11 GW

Collected by	Collected date/time	Received date/time
	04/01/25 12:45	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	1	04/03/25 02:42	04/03/25 02:42	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	1	04/08/25 13:29	04/08/25 22:12	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 01:39	04/07/25 01:39	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 11:52	04/07/25 11:52	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 20:33	MAA	Mt. Juliet, TN

MW-88 L1842529-12 GW

Collected by	Collected date/time	Received date/time
	04/01/25 08:35	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/03/25 03:44	04/03/25 03:44	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/03/25 04:00	04/03/25 04:00	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 00:10	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 02:23	04/07/25 02:23	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484715	1	04/07/25 14:52	04/07/25 14:52	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 20:56	MAA	Mt. Juliet, TN

MW-22A L1842529-13 GW

Collected by	Collected date/time	Received date/time
	04/01/25 09:10	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	50	04/03/25 04:16	04/03/25 04:16	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	500	04/03/25 04:31	04/03/25 04:31	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	10	04/08/25 13:29	04/08/25 22:29	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 02:45	04/07/25 02:45	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486750	1	04/10/25 03:54	04/10/25 03:54	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 21:19	MAA	Mt. Juliet, TN

MW-22B L1842529-14 GW

Collected by	Collected date/time	Received date/time
	04/01/25 09:45	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/03/25 04:47	04/03/25 04:47	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/03/25 05:02	04/03/25 05:02	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 01:10	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485001	1	04/08/25 02:51	04/08/25 02:51	CDD	Mt. Juliet, TN

MW-22B L1842529-14 GW

Collected by | Collected date/time 04/01/25 09:45 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2485473	1	04/08/25 17:44	04/08/25 17:44	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 21:41	MAA	Mt. Juliet, TN

MW-10 L1842529-15 GW

Collected by | Collected date/time 04/01/25 10:25 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/03/25 05:18	04/03/25 05:18	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/03/25 05:34	04/03/25 05:34	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 01:13	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 03:06	04/07/25 03:06	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2485473	1	04/08/25 18:06	04/08/25 18:06	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 22:04	MAA	Mt. Juliet, TN

MW-123 L1842529-16 GW

Collected by | Collected date/time 04/01/25 11:05 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/03/25 05:49	04/03/25 05:49	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/03/25 06:36	04/03/25 06:36	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 01:16	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 03:28	04/07/25 03:28	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2485473	1	04/08/25 18:27	04/08/25 18:27	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 22:27	MAA	Mt. Juliet, TN

MW-4A L1842529-17 GW

Collected by | Collected date/time 04/01/25 11:55 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/03/25 06:52	04/03/25 06:52	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/03/25 07:07	04/03/25 07:07	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 01:19	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 03:50	04/07/25 03:50	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2485473	1	04/08/25 18:48	04/08/25 18:48	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/08/25 22:50	MAA	Mt. Juliet, TN

MW-4B L1842529-18 GW

Collected by | Collected date/time 04/01/25 12:35 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/03/25 07:23	04/03/25 07:23	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/03/25 07:38	04/03/25 07:38	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	1	04/08/25 13:29	04/08/25 22:52	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 04:12	04/07/25 04:12	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2485473	1	04/08/25 19:10	04/08/25 19:10	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/09/25 12:01	MAA	Mt. Juliet, TN

DUP-EP-02 L1842529-19 GW

Collected by | Collected date/time 04/01/25 11:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	50	04/03/25 07:54	04/03/25 07:54	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	500	04/03/25 08:10	04/03/25 08:10	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	10	04/08/25 13:29	04/08/25 22:55	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 04:33	04/07/25 04:33	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2485473	1	04/08/25 19:31	04/08/25 19:31	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484752	1	04/08/25 07:50	04/09/25 06:42	MAA	Mt. Juliet, TN

MW-25 L1842529-20 GW

Collected by | Collected date/time 04/01/25 14:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2481955	1	04/02/25 14:50	04/03/25 12:02	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	10	04/03/25 08:25	04/03/25 08:25	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481788	100	04/03/25 08:41	04/03/25 08:41	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 00:13	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2485473	1	04/08/25 19:52	04/08/25 19:52	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2488072	1	04/11/25 16:54	04/12/25 02:40	KDB	Mt. Juliet, TN

MW-1R L1842529-21 GW

Collected by | Collected date/time 04/01/25 14:50 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	10	04/02/25 19:52	04/02/25 19:52	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	100	04/02/25 20:09	04/02/25 20:09	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 01:23	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2485473	1	04/08/25 20:13	04/08/25 20:13	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2488072	1	04/11/25 16:54	04/12/25 03:00	KDB	Mt. Juliet, TN

OCD-1R L1842529-22 GW

Collected by | Collected date/time 04/01/25 13:10 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	10	04/02/25 20:26	04/02/25 20:26	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	100	04/02/25 20:43	04/02/25 20:43	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 01:26	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 04:55	04/07/25 04:55	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2485473	1	04/08/25 20:34	04/08/25 20:34	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2488072	1	04/11/25 16:54	04/12/25 03:20	KDB	Mt. Juliet, TN

OCD-2A L1842529-23 GW

Collected by | Collected date/time 04/01/25 12:25 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	10	04/02/25 21:07	04/02/25 21:07	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	100	04/02/25 21:23	04/02/25 21:23	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 01:29	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 05:17	04/07/25 05:17	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486299	1	04/09/25 18:31	04/09/25 18:31	JAH	Mt. Juliet, TN

OCD-2A L1842529-23 GW

Collected by	Collected date/time	Received date/time
	04/01/25 12:25	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2488072	1	04/11/25 16:54	04/12/25 03:40	KDB	Mt. Juliet, TN

OCD-3 L1842529-24 GW

Collected by	Collected date/time	Received date/time
	04/01/25 10:20	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	10	04/02/25 21:40	04/02/25 21:40	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	100	04/02/25 21:57	04/02/25 21:57	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	1	04/08/25 13:29	04/09/25 01:32	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 05:39	04/07/25 05:39	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486299	1	04/09/25 18:50	04/09/25 18:50	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 12:05	CAH	Mt. Juliet, TN

OCD-4 L1842529-25 GW

Collected by	Collected date/time	Received date/time
	04/01/25 09:40	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	10	04/02/25 22:14	04/02/25 22:14	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	100	04/02/25 22:31	04/02/25 22:31	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 00:16	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 06:00	04/07/25 06:00	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486299	1	04/09/25 19:10	04/09/25 19:10	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 12:25	CAH	Mt. Juliet, TN

MW-11A L1842529-26 GW

Collected by	Collected date/time	Received date/time
	04/01/25 11:00	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/02/25 23:21	04/02/25 23:21	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	500	04/02/25 23:38	04/02/25 23:38	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	10	04/08/25 13:29	04/09/25 00:19	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 06:22	04/07/25 06:22	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486299	1	04/09/25 19:30	04/09/25 19:30	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 12:45	CAH	Mt. Juliet, TN

MW-11B L1842529-27 GW

Collected by	Collected date/time	Received date/time
	04/01/25 11:40	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	10	04/02/25 23:55	04/02/25 23:55	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	100	04/03/25 00:12	04/03/25 00:12	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 01:37	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 06:43	04/07/25 06:43	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486299	1	04/09/25 19:50	04/09/25 19:50	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 14:26	CAH	Mt. Juliet, TN

OCD-5 L1842529-28 GW

Collected by	Collected date/time	Received date/time
	04/01/25 09:00	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	10	04/03/25 00:29	04/03/25 00:29	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	100	04/03/25 00:46	04/03/25 00:46	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	5	04/08/25 13:29	04/09/25 01:41	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485001	1	04/08/25 03:12	04/08/25 03:12	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486299	1	04/09/25 20:10	04/09/25 20:10	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 15:26	CAH	Mt. Juliet, TN

TRIP BLANK-EP-03 L1842529-29 GW

Collected by	Collected date/time	Received date/time
	04/01/25 00:00	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486299	1	04/09/25 12:59	04/09/25 12:59	DWR	Mt. Juliet, TN

RA-4196R L1842529-30 GW

Collected by	Collected date/time	Received date/time
	04/01/25 13:15	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	5	04/03/25 01:02	04/03/25 01:02	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/03/25 01:19	04/03/25 01:19	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	1	04/08/25 13:29	04/09/25 01:51	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486299	1	04/09/25 20:30	04/09/25 20:30	JAH	Mt. Juliet, TN

MW-27 L1842529-31 GW

Collected by	Collected date/time	Received date/time
	04/01/25 11:55	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	5	04/03/25 01:36	04/03/25 01:36	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/03/25 01:53	04/03/25 01:53	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483124	1	04/08/25 13:29	04/09/25 01:54	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486299	1	04/09/25 20:49	04/09/25 20:49	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 15:47	CAH	Mt. Juliet, TN

MW-89 L1842529-32 GW

Collected by	Collected date/time	Received date/time
	04/01/25 11:05	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	5	04/03/25 02:44	04/03/25 02:44	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/03/25 03:00	04/03/25 03:00	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 17:21	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487237	1	04/10/25 15:48	04/10/25 15:48	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 16:07	CAH	Mt. Juliet, TN

MW-26 L1842529-33 GW

Collected by | Collected date/time 04/01/25 10:20 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	10	04/03/25 03:17	04/03/25 03:17	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	100	04/03/25 03:34	04/03/25 03:34	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 17:24	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486492	1	04/09/25 16:57	04/09/25 16:57	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487738	1	04/10/25 22:35	04/10/25 22:35	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 16:27	CAH	Mt. Juliet, TN

KWB-11A L1842529-34 GW

Collected by | Collected date/time 04/01/25 08:45 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	5	04/03/25 03:51	04/03/25 03:51	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/03/25 04:08	04/03/25 04:08	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483122	1	04/08/25 15:01	04/08/25 19:53	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 17:28	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 07:04	04/07/25 07:04	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486492	1	04/09/25 17:18	04/09/25 17:18	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 16:59	CAH	Mt. Juliet, TN

KWB-11B L1842529-35 GW

Collected by | Collected date/time 04/01/25 09:30 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	5	04/03/25 04:25	04/03/25 04:25	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/03/25 04:42	04/03/25 04:42	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483122	1	04/08/25 15:01	04/08/25 19:55	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 17:31	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 07:26	04/07/25 07:26	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486492	1	04/09/25 17:39	04/09/25 17:39	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 17:20	CAH	Mt. Juliet, TN

MW-126B L1842529-36 GW

Collected by | Collected date/time 04/01/25 12:05 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	5	04/03/25 04:58	04/03/25 04:58	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/03/25 05:15	04/03/25 05:15	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 17:41	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484389	1	04/07/25 07:47	04/07/25 07:47	DSS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486492	1	04/09/25 17:59	04/09/25 17:59	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 17:40	CAH	Mt. Juliet, TN

KWB-1C L1842529-37 GW

Collected by | Collected date/time 04/01/25 10:10 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	5	04/03/25 06:06	04/03/25 06:06	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/03/25 06:23	04/03/25 06:23	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 17:08	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486492	1	04/09/25 18:20	04/09/25 18:20	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 18:00	CAH	Mt. Juliet, TN

KWB-12B L1842529-38 GW

Collected by | Collected date/time 04/01/25 11:35 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	5	04/03/25 06:40	04/03/25 06:40	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/03/25 06:56	04/03/25 06:56	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483122	1	04/08/25 15:01	04/08/25 19:56	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 17:44	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 16:57	04/07/25 16:57	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 19:19	04/09/25 19:19	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 18:20	CAH	Mt. Juliet, TN

KWB-13 L1842529-39 GW

Collected by | Collected date/time 04/01/25 12:35 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	5	04/03/25 07:13	04/03/25 07:13	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/03/25 07:30	04/03/25 07:30	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483122	1	04/08/25 15:01	04/08/25 19:58	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 17:47	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 19:40	04/09/25 19:40	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 18:40	CAH	Mt. Juliet, TN

MW-160 L1842529-40 GW

Collected by | Collected date/time 04/01/25 11:25 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 17:18	04/07/25 17:18	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487614	10	04/10/25 23:09	04/10/25 23:09	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 19:00	CAH	Mt. Juliet, TN

MW-161 L1842529-41 GW

Collected by | Collected date/time 04/01/25 14:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 17:40	04/07/25 17:40	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 20:00	04/09/25 20:00	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484754	1	04/08/25 07:52	04/09/25 19:21	CAH	Mt. Juliet, TN

MW-149 L1842529-42 GW

Collected by | Collected date/time 04/01/25 09:55 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	5	04/03/25 07:47	04/03/25 07:47	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/03/25 08:04	04/03/25 08:04	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 17:50	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 20:20	04/09/25 20:20	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 19:26	CAH	Mt. Juliet, TN

MW-150 L1842529-43 GW

Collected by | Collected date/time 04/01/25 10:45 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482020	1	04/02/25 15:29	04/03/25 15:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	5	04/03/25 08:21	04/03/25 08:21	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481804	50	04/03/25 08:38	04/03/25 08:38	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 17:54	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 20:40	04/09/25 20:40	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 19:46	CAH	Mt. Juliet, TN

DUP-REST-05 L1842529-44 GW

Collected by | Collected date/time 04/01/25 08:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/02/25 23:22	04/02/25 23:22	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 05:51	04/03/25 05:51	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483122	1	04/08/25 15:01	04/08/25 20:03	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 17:57	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 18:01	04/07/25 18:01	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 21:00	04/09/25 21:00	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 20:07	CAH	Mt. Juliet, TN

EB-REST-05 L1842529-45 GW

Collected by | Collected date/time 04/01/25 11:55 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	1	04/02/25 23:36	04/02/25 23:36	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483122	1	04/08/25 15:01	04/08/25 20:05	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 18:00	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 14:27	04/07/25 14:27	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 17:39	04/09/25 17:39	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 20:27	CAH	Mt. Juliet, TN

TRIP BLANK-REST-02 L1842529-46 GW

Collected by | Collected date/time 04/01/25 00:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 17:59	04/09/25 17:59	ACG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

MW-144 L1842529-47 GW

Collected by | Collected date/time 04/01/25 08:55 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 00:29	04/03/25 00:29	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 06:04	04/03/25 06:04	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483114	1	04/04/25 11:24	04/04/25 20:13	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483122	1	04/08/25 15:01	04/08/25 20:06	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482428	1	04/07/25 10:13	04/07/25 17:59	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 18:03	JPD	Mt. Juliet, TN

MW-145 L1842529-48 GW

Collected by | Collected date/time 04/01/25 09:50 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 00:43	04/03/25 00:43	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 06:17	04/03/25 06:17	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 18:07	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 18:22	04/07/25 18:22	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 21:20	04/09/25 21:20	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 20:47	CAH	Mt. Juliet, TN

MW-146 L1842529-49 GW

Collected by | Collected date/time 04/01/25 10:40 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 00:56	04/03/25 00:56	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 06:31	04/03/25 06:31	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 18:10	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 18:44	04/07/25 18:44	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 21:41	04/09/25 21:41	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 21:08	CAH	Mt. Juliet, TN

MW-135 L1842529-50 GW

Collected by | Collected date/time 04/01/25 11:45 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 01:09	04/03/25 01:09	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 06:44	04/03/25 06:44	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 18:23	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 19:05	04/07/25 19:05	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 22:02	04/09/25 22:02	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 21:28	CAH	Mt. Juliet, TN

MW-147 L1842529-51 GW

Collected by | Collected date/time 04/01/25 12:30 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 01:23	04/03/25 01:23	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 06:58	04/03/25 06:58	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 18:26	JPD	Mt. Juliet, TN

Cp Tc Ss Cn Sr Qc Gl Al Sc

MW-147 L1842529-51 GW

Collected by | Collected date/time 04/01/25 12:30 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2483125	5	04/08/25 13:40	04/09/25 19:16	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 19:27	04/07/25 19:27	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 22:21	04/09/25 22:21	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 21:48	CAH	Mt. Juliet, TN

MW-148 L1842529-52 GW

Collected by | Collected date/time 04/01/25 13:20 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 01:36	04/03/25 01:36	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 07:11	04/03/25 07:11	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 18:30	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 19:49	04/07/25 19:49	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 22:41	04/09/25 22:41	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 22:08	CAH	Mt. Juliet, TN

DUP-REST-04 L1842529-53 GW

Collected by | Collected date/time 04/01/25 09:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 01:50	04/03/25 01:50	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 07:24	04/03/25 07:24	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 18:33	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 20:10	04/07/25 20:10	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	1	04/09/25 23:01	04/09/25 23:01	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 22:29	CAH	Mt. Juliet, TN

EB-REST-04 L1842529-54 GW

Collected by | Collected date/time 04/01/25 11:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	1	04/03/25 02:03	04/03/25 02:03	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2483125	1	04/08/25 13:40	04/09/25 18:36	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	1	04/07/25 14:49	04/07/25 14:49	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487614	1	04/10/25 22:29	04/10/25 22:29	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 22:49	CAH	Mt. Juliet, TN

MW-101 L1842529-55 GW

Collected by | Collected date/time 04/01/25 10:55 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	1	04/03/25 03:10	04/03/25 03:10	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	5	04/03/25 07:38	04/03/25 07:38	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 20:35	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485089	5	04/08/25 13:46	04/08/25 13:46	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487614	20	04/10/25 23:30	04/10/25 23:30	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 23:09	CAH	Mt. Juliet, TN

MW-105 L1842529-56 GW

Collected by | Collected date/time 04/01/25 11:40 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	1	04/03/25 03:23	04/03/25 03:23	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 07:51	04/03/25 07:51	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 20:38	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	10	04/08/25 13:21	04/08/25 19:07	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2484821	5	04/07/25 20:53	04/07/25 20:53	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	100	04/10/25 00:01	04/10/25 00:01	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	2	04/08/25 07:47	04/09/25 21:34	CAH	Mt. Juliet, TN

RW-2 L1842529-57 GW

Collected by | Collected date/time 04/01/25 09:25 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 03:37	04/03/25 03:37	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 20:41	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485089	5	04/08/25 14:07	04/08/25 14:07	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487614	5	04/10/25 23:50	04/10/25 23:50	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/08/25 23:50	CAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2483637	1	04/05/25 04:29	04/09/25 22:48	MBE	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2482089	1	04/04/25 07:29	04/05/25 04:52	JRM	Mt. Juliet, TN

MW-61 L1842529-58 GW

Collected by | Collected date/time 04/01/25 08:35 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 03:50	04/03/25 03:50	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 20:45	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485070	10	04/08/25 07:06	04/08/25 07:06	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486753	50	04/10/25 00:42	04/10/25 00:42	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/09/25 00:10	CAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2483637	1	04/05/25 04:29	04/06/25 18:53	HLA	Mt. Juliet, TN

TEL-4 L1842529-59 GW

Collected by | Collected date/time 04/01/25 11:15 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 04:03	04/03/25 04:03	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 08:58	04/03/25 08:58	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 20:48	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485070	1	04/08/25 04:16	04/08/25 04:16	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 00:50	04/10/25 00:50	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/09/25 00:31	CAH	Mt. Juliet, TN

RW-9 L1842529-60 GW

Collected by | Collected date/time 04/01/25 12:40 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 04:17	04/03/25 04:17	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 20:58	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485070	1	04/08/25 04:37	04/08/25 04:37	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	10	04/10/25 05:35	04/10/25 05:35	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/09/25 00:51	CAH	Mt. Juliet, TN

RW-#16B L1842529-61 GW

Collected by | Collected date/time 04/01/25 09:25 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 04:30	04/03/25 04:30	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 10:13	04/03/25 10:13	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 21:01	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 01:12	04/10/25 01:12	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/09/25 01:11	CAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2482089	1	04/04/25 07:29	04/05/25 05:30	JRM	Mt. Juliet, TN

MW-56 L1842529-62 GW

Collected by | Collected date/time 04/01/25 08:55 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 04:44	04/03/25 04:44	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 10:26	04/03/25 10:26	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483114	1	04/04/25 11:24	04/04/25 20:24	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483122	1	04/08/25 15:01	04/08/25 20:08	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482428	1	04/07/25 10:13	04/07/25 17:43	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 19:33	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 01:34	04/10/25 01:34	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/09/25 01:32	CAH	Mt. Juliet, TN

MW-49 L1842529-63 GW

Collected by | Collected date/time 04/01/25 10:15 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	1	04/03/25 04:57	04/03/25 04:57	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 10:40	04/03/25 10:40	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483122	1	04/08/25 15:01	04/08/25 20:10	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 21:05	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485070	10	04/08/25 07:27	04/08/25 07:27	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	10	04/10/25 05:57	04/10/25 05:57	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484755	1	04/08/25 07:47	04/09/25 01:52	CAH	Mt. Juliet, TN

DUP-TEL-01 L1842529-64 GW

Collected by | Collected date/time 04/01/25 12:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482016	1	04/02/25 15:25	04/03/25 10:54	MDD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	10	04/03/25 05:10	04/03/25 05:10	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481821	100	04/03/25 10:53	04/03/25 10:53	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 21:08	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485070	1	04/08/25 04:58	04/08/25 04:58	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 01:56	04/10/25 01:56	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 18:53	DMG	Mt. Juliet, TN

EB-TEL-01 L1842529-65 GW

Collected by | Collected date/time 04/01/25 11:50 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	1	04/02/25 20:55	04/02/25 20:55	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 19:43	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485070	1	04/08/25 00:43	04/08/25 00:43	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/09/25 21:12	04/09/25 21:12	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 19:13	DMG	Mt. Juliet, TN

TRIP BLANK-REST-04 L1842529-66 GW

Collected by | Collected date/time 04/01/25 00:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/09/25 21:33	04/09/25 21:33	DYW	Mt. Juliet, TN

TRIP BLANK-TEL-01 L1842529-67 GW

Collected by | Collected date/time 04/01/25 00:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/09/25 21:55	04/09/25 21:55	DYW	Mt. Juliet, TN

MW-139 L1842529-68 GW

Collected by | Collected date/time 04/01/25 12:30 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	10	04/02/25 21:49	04/02/25 21:49	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	100	04/03/25 02:19	04/03/25 02:19	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 21:11	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485070	1	04/08/25 05:19	04/08/25 05:19	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 02:18	04/10/25 02:18	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 19:34	DMG	Mt. Juliet, TN

MW-50 L1842529-69 GW

Collected by | Collected date/time 04/01/25 14:40 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/02/25 22:02	04/02/25 22:02	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	50	04/03/25 02:32	04/03/25 02:32	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 19:50	UNP	Mt. Juliet, TN

MW-50 L1842529-69 GW

Collected by | Collected date/time 04/01/25 14:40 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 02:40	04/10/25 02:40	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 19:54	DMG	Mt. Juliet, TN

MW-96 L1842529-70 GW

Collected by | Collected date/time 04/01/25 13:05 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	1	04/02/25 22:16	04/02/25 22:16	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/03/25 02:46	04/03/25 02:46	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 21:14	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485070	10	04/08/25 07:48	04/08/25 07:48	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1000	04/10/25 06:19	04/10/25 06:19	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 20:14	DMG	Mt. Juliet, TN

NCL-33 L1842529-71 GW

Collected by | Collected date/time 04/01/25 09:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/02/25 22:29	04/02/25 22:29	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	50	04/03/25 03:26	04/03/25 03:26	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 21:18	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 03:01	04/10/25 03:01	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	5	04/08/25 07:49	04/09/25 18:40	MAA	Mt. Juliet, TN

NCL-44 L1842529-72 GW

Collected by | Collected date/time 04/01/25 09:40 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/02/25 22:43	04/02/25 22:43	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	50	04/03/25 03:40	04/03/25 03:40	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 21:21	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 03:23	04/10/25 03:23	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 20:54	DMG	Mt. Juliet, TN

NCL-32 L1842529-73 GW

Collected by | Collected date/time 04/01/25 10:35 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/02/25 22:56	04/02/25 22:56	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	50	04/03/25 03:54	04/03/25 03:54	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 21:24	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 03:45	04/10/25 03:45	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 21:14	DMG	Mt. Juliet, TN

MW-108 L1842529-74 GW

Collected by	Collected date/time	Received date/time
	04/01/25 13:15	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/02/25 23:10	04/02/25 23:10	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 21:27	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 04:07	04/10/25 04:07	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 21:34	DMG	Mt. Juliet, TN

NCL-31 L1842529-75 GW

Collected by	Collected date/time	Received date/time
	04/01/25 13:55	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/02/25 23:23	04/02/25 23:23	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	50	04/03/25 04:21	04/03/25 04:21	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 20:17	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 04:29	04/10/25 04:29	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/09/25 12:57	MAA	Mt. Juliet, TN

MW-55 L1842529-76 GW

Collected by	Collected date/time	Received date/time
	04/01/25 12:15	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/02/25 23:37	04/02/25 23:37	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	50	04/03/25 04:34	04/03/25 04:34	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483114	1	04/04/25 11:24	04/04/25 20:26	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483122	1	04/08/25 15:01	04/08/25 20:11	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2482428	1	04/07/25 10:13	04/07/25 18:03	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484507	1	04/08/25 13:21	04/08/25 18:54	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485070	1	04/08/25 05:41	04/08/25 05:41	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	10	04/10/25 06:41	04/10/25 06:41	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 22:14	DMG	Mt. Juliet, TN

MW-18 L1842529-77 GW

Collected by	Collected date/time	Received date/time
	04/01/25 11:30	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/03/25 00:17	04/03/25 00:17	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	50	04/03/25 04:48	04/03/25 04:48	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2483122	1	04/08/25 15:01	04/08/25 19:46	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484509	1	04/08/25 20:51	04/09/25 22:32	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484509	10	04/08/25 20:51	04/09/25 02:37	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 04:51	04/10/25 04:51	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 22:35	DMG	Mt. Juliet, TN

MW-54A L1842529-78 GW

Collected by	Collected date/time	Received date/time
	04/01/25 11:05	04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/03/25 00:31	04/03/25 00:31	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	50	04/03/25 05:01	04/03/25 05:01	ZSA	Mt. Juliet, TN

MW-54A L1842529-78 GW

			Collected by	Collected date/time	Received date/time	
				04/01/25 11:05	04/02/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2484509	1	04/08/25 20:51	04/09/25 22:36	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484509	10	04/08/25 20:51	04/09/25 02:40	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486758	1	04/10/25 05:13	04/10/25 05:13	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 22:55	DMG	Mt. Juliet, TN

MW-54B L1842529-79 GW

			Collected by	Collected date/time	Received date/time	
				04/01/25 11:45	04/02/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/03/25 00:44	04/03/25 00:44	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	50	04/03/25 05:15	04/03/25 05:15	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484509	1	04/08/25 20:51	04/09/25 22:39	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484509	10	04/08/25 20:51	04/09/25 02:44	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485070	1	04/08/25 06:02	04/08/25 06:02	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487160	1	04/10/25 11:10	04/10/25 11:10	DWR	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2483084	1.03	04/04/25 12:41	04/05/25 06:48	MEW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 23:15	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2482089	1	04/04/25 07:29	04/05/25 05:11	JRM	Mt. Juliet, TN

NCL-49 L1842529-80 GW

			Collected by	Collected date/time	Received date/time	
				04/01/25 09:55	04/02/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	10	04/03/25 00:58	04/03/25 00:58	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	100	04/03/25 05:28	04/03/25 05:28	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484509	1	04/08/25 20:51	04/09/25 22:42	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484509	10	04/08/25 20:51	04/09/25 02:47	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487160	1	04/10/25 11:29	04/10/25 11:29	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/09/25 12:16	MAA	Mt. Juliet, TN

MW-53R L1842529-81 GW

			Collected by	Collected date/time	Received date/time	
				04/01/25 09:10	04/02/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	5	04/03/25 01:11	04/03/25 01:11	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	50	04/03/25 06:08	04/03/25 06:08	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484509	1	04/08/25 20:51	04/09/25 02:24	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487160	1	04/10/25 11:48	04/10/25 11:48	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/08/25 23:55	DMG	Mt. Juliet, TN

DUP-NCL-01 L1842529-82 GW

			Collected by	Collected date/time	Received date/time	
				04/01/25 10:30	04/02/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	10	04/03/25 01:25	04/03/25 01:25	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	100	04/03/25 06:22	04/03/25 06:22	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484509	1	04/08/25 20:51	04/09/25 22:53	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484509	10	04/08/25 20:51	04/09/25 02:57	JPD	Mt. Juliet, TN

DUP-NCL-01 L1842529-82 GW

Collected by | Collected date/time 04/01/25 10:30 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487160	1	04/10/25 12:07	04/10/25 12:07	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/09/25 01:36	DMG	Mt. Juliet, TN

EB-NCL-01 L1842529-83 GW

Collected by | Collected date/time 04/01/25 10:15 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2482002	1	04/02/25 15:16	04/03/25 09:37	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2481829	1	04/03/25 01:38	04/03/25 01:38	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484509	1	04/08/25 20:51	04/09/25 22:56	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487160	1	04/10/25 10:51	04/10/25 10:51	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484757	1	04/08/25 07:49	04/09/25 01:56	DMG	Mt. Juliet, TN

TRIP BLANK-NCL-01 L1842529-84 GW

Collected by | Collected date/time 04/01/25 00:00 | Received date/time 04/02/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487160	1	04/10/25 09:53	04/10/25 09:53	DWR	Mt. Juliet, TN

MW-84 L1842529-85 GW

Collected by | Collected date/time 04/02/25 10:45 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 02:43	04/05/25 02:43	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	5	04/09/25 10:51	04/10/25 19:04	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 04:08	04/10/25 04:08	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	10	04/11/25 12:08	04/11/25 12:08	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	10	04/09/25 12:59	04/10/25 06:08	CAH	Mt. Juliet, TN

MW-82 L1842529-86 GW

Collected by | Collected date/time 04/02/25 11:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 02:56	04/05/25 02:56	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	5	04/09/25 10:51	04/10/25 19:07	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 04:30	04/10/25 04:30	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 08:14	04/11/25 08:14	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 02:47	CAH	Mt. Juliet, TN

MW-74 L1842529-87 GW

Collected by | Collected date/time 04/02/25 12:50 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 03:10	04/05/25 03:10	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/10/25 17:57	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	10	04/09/25 10:51	04/10/25 19:10	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 06:38	04/10/25 06:38	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 08:38	04/11/25 08:38	DYW	Mt. Juliet, TN

MW-74 L1842529-87 GW

Collected by | Collected date/time 04/02/25 12:50 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	2	04/09/25 12:59	04/10/25 12:08	MAA	Mt. Juliet, TN

MW-73 L1842529-88 GW

Collected by | Collected date/time 04/02/25 12:10 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 03:23	04/05/25 03:23	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/10/25 18:00	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	10	04/09/25 10:51	04/10/25 19:14	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2487655	10	04/11/25 02:56	04/11/25 02:56	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 09:01	04/11/25 09:01	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 03:27	CAH	Mt. Juliet, TN

OCD-6 L1842529-89 GW

Collected by | Collected date/time 04/02/25 08:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 03:37	04/05/25 03:37	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/10/25 18:03	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	10	04/09/25 10:51	04/10/25 19:17	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 06:59	04/10/25 06:59	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 09:25	04/11/25 09:25	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 03:47	CAH	Mt. Juliet, TN

OCD-7AR L1842529-90 GW

Collected by | Collected date/time 04/02/25 09:05 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 03:50	04/05/25 03:50	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/10/25 18:07	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	10	04/09/25 10:51	04/10/25 19:20	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 07:20	04/10/25 07:20	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 09:48	04/11/25 09:48	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 04:07	CAH	Mt. Juliet, TN

OCD-7B L1842529-91 GW

Collected by | Collected date/time 04/02/25 09:55 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	10	04/05/25 04:31	04/05/25 04:31	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	100	04/05/25 10:22	04/05/25 10:22	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/10/25 18:10	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	5	04/09/25 10:51	04/10/25 19:24	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 07:42	04/10/25 07:42	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 10:12	04/11/25 10:12	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 04:27	CAH	Mt. Juliet, TN

MW-130 L1842529-92 GW

Collected by | Collected date/time 04/02/25 09:55 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	5	04/05/25 04:44	04/05/25 04:44	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 10:35	04/05/25 10:35	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/10/25 18:13	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 08:03	04/10/25 08:03	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 10:35	04/11/25 10:35	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 04:47	CAH	Mt. Juliet, TN

EB-EP-01 L1842529-93 GW

Collected by | Collected date/time 04/02/25 13:05 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	1	04/05/25 04:58	04/05/25 04:58	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/10/25 17:23	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/09/25 23:53	04/09/25 23:53	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 07:27	04/11/25 07:27	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 05:08	CAH	Mt. Juliet, TN

TRIP BLANK-EP-01 L1842529-94 GW

Collected by | Collected date/time 04/02/25 00:00 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 06:41	04/11/25 06:41	DYW	Mt. Juliet, TN

MW-76 L1842529-95 GW

Collected by | Collected date/time 04/02/25 14:20 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 05:52	04/05/25 05:52	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/10/25 18:17	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	5	04/09/25 10:51	04/10/25 19:30	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 08:24	04/10/25 08:24	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 10:58	04/11/25 10:58	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	10	04/09/25 12:59	04/10/25 05:28	CAH	Mt. Juliet, TN

MW-77 L1842529-96 GW

Collected by | Collected date/time 04/02/25 13:40 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 06:05	04/05/25 06:05	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/11/25 01:06	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	5	04/09/25 10:51	04/10/25 19:34	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 08:45	04/10/25 08:45	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2489709	1	04/15/25 03:20	04/15/25 03:20	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	10	04/09/25 12:59	04/10/25 06:28	CAH	Mt. Juliet, TN

MW-78 L1842529-97 GW

Collected by	Collected date/time	Received date/time
	04/02/25 14:25	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 06:19	04/05/25 06:19	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/11/25 01:10	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	5	04/09/25 10:51	04/10/25 19:44	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 09:07	04/10/25 09:07	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2489709	1	04/15/25 03:40	04/15/25 03:40	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	10	04/09/25 12:59	04/10/25 06:48	CAH	Mt. Juliet, TN

MW-75 L1842529-98 GW

Collected by	Collected date/time	Received date/time
	04/02/25 13:45	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 06:32	04/05/25 06:32	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	5	04/09/25 10:51	04/10/25 19:47	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2487182	1	04/10/25 13:06	04/10/25 13:06	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2489709	1	04/15/25 04:00	04/15/25 04:00	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	10	04/09/25 12:59	04/10/25 05:48	CAH	Mt. Juliet, TN

MW-83 L1842529-99 GW

Collected by	Collected date/time	Received date/time
	04/02/25 13:05	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	10	04/05/25 06:46	04/05/25 06:46	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	100	04/05/25 10:49	04/05/25 10:49	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/11/25 01:13	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	5	04/09/25 10:51	04/10/25 19:50	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2488181	1	04/11/25 22:34	04/11/25 22:34	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2489709	1	04/15/25 04:20	04/15/25 04:20	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485492	10	04/09/25 13:17	04/10/25 06:33	DMG	Mt. Juliet, TN

MW-3 L1842529-100 GW

Collected by	Collected date/time	Received date/time
	04/02/25 13:40	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 10:19	04/05/25 10:19	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 19:06	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/09/25 19:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 02:51	04/09/25 02:51	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 14:51	04/07/25 14:51	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484759	1	04/08/25 07:52	04/08/25 13:23	CAH	Mt. Juliet, TN

MW-5A L1842529-101 GW

Collected by	Collected date/time	Received date/time
	04/02/25 11:00	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 10:32	04/05/25 10:32	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	500	04/05/25 16:58	04/05/25 16:58	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 19:09	LD	Mt. Juliet, TN

MW-5A L1842529-101 GW

Collected by | Collected date/time 04/02/25 11:00 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/09/25 19:51	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 03:12	04/09/25 03:12	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 15:10	04/07/25 15:10	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484759	1	04/08/25 07:52	04/08/25 13:43	CAH	Mt. Juliet, TN

MW-5B L1842529-102 GW

Collected by | Collected date/time 04/02/25 11:50 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 10:45	04/05/25 10:45	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 19:12	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/09/25 19:54	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 03:33	04/09/25 03:33	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 15:30	04/07/25 15:30	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2484759	1	04/08/25 07:52	04/08/25 14:04	CAH	Mt. Juliet, TN

MW-5C L1842529-103 GW

Collected by | Collected date/time 04/02/25 12:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	10	04/05/25 10:58	04/05/25 10:58	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	100	04/05/25 17:25	04/05/25 17:25	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 20:05	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 03:55	04/09/25 03:55	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 15:50	04/07/25 15:50	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 13:17	MAA	Mt. Juliet, TN

MW-7A L1842529-104 GW

Collected by | Collected date/time 04/02/25 09:45 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 11:11	04/05/25 11:11	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/09/25 20:20	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 04:16	04/09/25 04:16	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 16:10	04/07/25 16:10	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 13:37	MAA	Mt. Juliet, TN

MW-7B L1842529-105 GW

Collected by | Collected date/time 04/02/25 10:20 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	10	04/05/25 11:24	04/05/25 11:24	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	100	04/05/25 17:52	04/05/25 17:52	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 21:31	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 04:37	04/09/25 04:37	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 16:30	04/07/25 16:30	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 13:57	MAA	Mt. Juliet, TN

OCD-8A L1842529-106 GW

Collected by	Collected date/time	Received date/time
	04/02/25 09:05	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 11:37	04/05/25 11:37	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	500	04/05/25 18:05	04/05/25 18:05	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:31	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/09/25 20:27	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 04:58	04/09/25 04:58	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 16:50	04/07/25 16:50	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 14:17	MAA	Mt. Juliet, TN

OCD-8B L1842529-107 GW

Collected by	Collected date/time	Received date/time
	04/02/25 08:30	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 11:50	04/05/25 11:50	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/09/25 20:30	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 05:20	04/09/25 05:20	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 17:40	04/07/25 17:40	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 19:58	MAA	Mt. Juliet, TN

DUP-EP-01 L1842529-108 GW

Collected by	Collected date/time	Received date/time
	04/02/25 11:00	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 12:03	04/05/25 12:03	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/09/25 20:33	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 05:41	04/09/25 05:41	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 18:00	04/07/25 18:00	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 14:57	MAA	Mt. Juliet, TN

DUP-EP-03 L1842529-109 GW

Collected by	Collected date/time	Received date/time
	04/02/25 12:00	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 12:16	04/05/25 12:16	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 21:34	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/09/25 20:36	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 06:02	04/09/25 06:02	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 18:19	04/07/25 18:19	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 15:18	MAA	Mt. Juliet, TN

EB-EP-03 L1842529-110 GW

Collected by	Collected date/time	Received date/time
	04/02/25 11:10	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	1	04/05/25 12:57	04/05/25 12:57	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 21:37	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 02:30	04/09/25 02:30	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 12:12	04/07/25 12:12	JAH	Mt. Juliet, TN

EB-EP-03 L1842529-110 GW

Collected by | Collected date/time 04/02/25 11:10 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 15:38	MAA	Mt. Juliet, TN

KWB-P4 L1842529-113 GW

Collected by | Collected date/time 04/02/25 12:05 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484692	1	04/07/25 18:39	04/07/25 18:39	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 15:58	MAA	Mt. Juliet, TN

MW-15 L1842529-114 GW

Collected by | Collected date/time 04/02/25 12:50 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 13:51	04/05/25 13:51	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 21:40	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 06:23	04/09/25 06:23	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484715	1	04/07/25 12:57	04/07/25 12:57	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 16:18	MAA	Mt. Juliet, TN

MW-87 L1842529-115 GW

Collected by | Collected date/time 04/02/25 08:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 14:04	04/05/25 14:04	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	500	04/05/25 19:37	04/05/25 19:37	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 18:53	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/09/25 19:35	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 06:45	04/09/25 06:45	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484715	1	04/07/25 13:16	04/07/25 13:16	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 16:39	MAA	Mt. Juliet, TN

MW-18A L1842529-116 GW

Collected by | Collected date/time 04/02/25 09:05 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 14:18	04/05/25 14:18	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	500	04/05/25 19:50	04/05/25 19:50	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:24	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/09/25 20:57	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/10/25 13:59	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484715	1	04/07/25 13:36	04/07/25 13:36	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 16:59	MAA	Mt. Juliet, TN

MW-18B L1842529-117 GW

Collected by	Collected date/time	Received date/time
	04/02/25 09:40	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	10	04/05/25 14:31	04/05/25 14:31	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	100	04/05/25 20:02	04/05/25 20:02	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 21:44	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 07:06	04/09/25 07:06	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484715	1	04/07/25 13:55	04/07/25 13:55	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 17:19	MAA	Mt. Juliet, TN

MW-70 L1842529-118 GW

Collected by	Collected date/time	Received date/time
	04/02/25 10:30	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	10	04/05/25 14:45	04/05/25 14:45	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	100	04/05/25 20:15	04/05/25 20:15	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 21:47	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 07:27	04/09/25 07:27	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484715	1	04/07/25 14:14	04/07/25 14:14	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 17:40	MAA	Mt. Juliet, TN

MW-124 L1842529-119 GW

Collected by	Collected date/time	Received date/time
	04/02/25 11:10	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 14:58	04/05/25 14:58	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	5	04/09/25 09:55	04/09/25 21:07	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 07:48	04/09/25 07:48	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484715	1	04/07/25 14:33	04/07/25 14:33	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 18:00	MAA	Mt. Juliet, TN

MW-52 L1842529-120 GW

Collected by	Collected date/time	Received date/time
	04/02/25 12:15	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	5	04/05/25 15:11	04/05/25 15:11	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 20:41	04/05/25 20:41	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:32	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 21:50	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	1	04/09/25 08:09	04/09/25 08:09	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484715	1	04/07/25 15:12	04/07/25 15:12	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485485	1	04/08/25 18:42	04/09/25 18:20	MAA	Mt. Juliet, TN

MW-109 L1842529-121 GW

Collected by	Collected date/time	Received date/time
	04/02/25 10:50	04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	1	04/05/25 15:25	04/05/25 15:25	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	5	04/05/25 20:54	04/05/25 20:54	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 21:53	LD	Mt. Juliet, TN

MW-109 L1842529-121 GW

Collected by | Collected date/time 04/02/25 10:50 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485875	10	04/09/25 08:30	04/09/25 08:30	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486750	25	04/10/25 02:32	04/10/25 02:32	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/13/25 14:37	MAA	Mt. Juliet, TN

MW-110 L1842529-122 GW

Collected by | Collected date/time 04/02/25 11:35 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	5	04/05/25 16:03	04/05/25 16:03	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483241	50	04/05/25 21:19	04/05/25 21:19	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484521	1	04/09/25 09:55	04/09/25 21:56	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 02:07	04/09/25 02:07	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484715	1	04/07/25 15:31	04/07/25 15:31	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/13/25 15:57	MAA	Mt. Juliet, TN

MW-140 L1842529-123 GW

Collected by | Collected date/time 04/02/25 11:20 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	10	04/05/25 02:36	04/05/25 02:36	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	100	04/05/25 02:49	04/05/25 02:49	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:03	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:34	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 12:23	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 15:24	UNP	Mt. Juliet, TN

MW-141 L1842529-124 GW

Collected by | Collected date/time 04/02/25 10:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	10	04/05/25 03:03	04/05/25 03:03	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	100	04/05/25 03:16	04/05/25 03:16	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:06	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:36	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 12:26	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 15:28	UNP	Mt. Juliet, TN

EB-EP-02 L1842529-125 GW

Collected by | Collected date/time 04/02/25 11:20 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	1	04/05/25 03:29	04/05/25 03:29	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 15:31	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 01:01	04/09/25 01:01	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2484715	1	04/07/25 12:38	04/07/25 12:38	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/11/25 15:29	TJD	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

MW-113 L1842529-127 GW

Collected by | Collected date/time 04/02/25 13:00 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	10	04/05/25 04:23	04/05/25 04:23	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 15:34	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486760	5	04/10/25 02:01	04/10/25 02:01	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486750	10	04/10/25 02:52	04/10/25 02:52	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/13/25 15:17	MAA	Mt. Juliet, TN

RW-13R L1842529-128 GW

Collected by | Collected date/time 04/02/25 12:15 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2484232	1	04/06/25 12:24	04/07/25 17:43	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	1	04/05/25 04:50	04/05/25 04:50	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	10	04/05/25 05:03	04/05/25 05:03	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 15:46	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486750	250	04/10/25 03:13	04/10/25 03:13	AV	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2484971	1	04/08/25 14:23	04/09/25 11:49	RDH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	200	04/10/25 08:15	04/14/25 14:32	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2488697	20	04/09/25 07:37	04/12/25 13:34	JRM	Mt. Juliet, TN

MW-134 L1842529-129 GW

Collected by | Collected date/time 04/02/25 12:55 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	10	04/05/25 05:44	04/05/25 05:44	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	100	04/05/25 05:57	04/05/25 05:57	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:41	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 15:49	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 02:28	04/09/25 02:28	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487730	1	04/11/25 12:28	04/11/25 12:28	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/11/25 16:13	TJD	Mt. Juliet, TN

RA-313 L1842529-130 GW

Collected by | Collected date/time 04/02/25 09:30 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2485112	1	04/08/25 10:37	04/08/25 13:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	20	04/06/25 03:15	04/06/25 03:15	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	5	04/06/25 03:02	04/06/25 03:02	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 15:07	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486936	1	04/10/25 10:07	04/10/25 10:07	DYW	Mt. Juliet, TN

MW-20 L1842529-131 GW

Collected by | Collected date/time 04/02/25 11:45 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2485112	1	04/08/25 10:37	04/08/25 13:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	10	04/06/25 03:29	04/06/25 03:29	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	100	04/06/25 03:42	04/06/25 03:42	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 15:52	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486936	1	04/10/25 10:31	04/10/25 10:31	DYW	Mt. Juliet, TN

MW-20 L1842529-131 GW

Collected by | Collected date/time 04/02/25 11:45 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/11/25 16:36	TJD	Mt. Juliet, TN

NP-6 L1842529-132 GW

Collected by | Collected date/time 04/02/25 12:00 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486750	1	04/10/25 04:14	04/10/25 04:14	AV	Mt. Juliet, TN

MW-8 L1842529-133 GW

Collected by | Collected date/time 04/02/25 11:05 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2485112	1	04/08/25 10:37	04/08/25 13:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	10	04/06/25 03:56	04/06/25 03:56	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	100	04/06/25 04:09	04/06/25 04:09	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 15:56	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 02:50	04/09/25 02:50	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486936	1	04/10/25 10:55	04/10/25 10:55	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/11/25 16:58	TJD	Mt. Juliet, TN

MW-21 L1842529-134 GW

Collected by | Collected date/time 04/02/25 10:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2485112	1	04/08/25 10:37	04/08/25 13:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	10	04/06/25 04:23	04/06/25 04:23	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	100	04/06/25 04:36	04/06/25 04:36	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 15:59	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 03:12	04/09/25 03:12	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486936	1	04/10/25 11:19	04/10/25 11:19	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/14/25 10:47	MAA	Mt. Juliet, TN

MW-151 L1842529-135 GW

Collected by | Collected date/time 04/02/25 11:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 03:33	04/09/25 03:33	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486750	1	04/10/25 04:35	04/10/25 04:35	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/13/25 16:17	MAA	Mt. Juliet, TN

MW-152 L1842529-136 GW

Collected by | Collected date/time 04/02/25 11:20 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 03:55	04/09/25 03:55	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486750	10	04/10/25 04:55	04/10/25 04:55	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/11/25 18:05	TJD	Mt. Juliet, TN

MW-153 L1842529-137 GW

Collected by | Collected date/time 04/02/25 13:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 04:17	04/09/25 04:17	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486750	5	04/10/25 05:16	04/10/25 05:16	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/11/25 18:27	TJD	Mt. Juliet, TN

MW-154 L1842529-138 GW

Collected by | Collected date/time 04/02/25 14:05 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 04:38	04/09/25 04:38	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486750	1	04/10/25 05:36	04/10/25 05:36	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/13/25 13:36	MAA	Mt. Juliet, TN

MW-155 L1842529-139 GW

Collected by | Collected date/time 04/02/25 12:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 05:00	04/09/25 05:00	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 16:47	04/11/25 16:47	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/11/25 19:11	TJD	Mt. Juliet, TN

MW-156 L1842529-140 GW

Collected by | Collected date/time 04/02/25 13:05 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 05:22	04/09/25 05:22	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 17:08	04/11/25 17:08	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/13/25 13:56	MAA	Mt. Juliet, TN

MW-115 L1842529-141 GW

Collected by | Collected date/time 04/02/25 08:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	1	04/05/25 06:10	04/05/25 06:10	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	10	04/05/25 06:24	04/05/25 06:24	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	50	04/10/25 10:54	04/10/25 10:54	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:09	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:43	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 12:30	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 16:02	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 05:44	04/09/25 05:44	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 17:28	04/11/25 17:28	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/13/25 15:37	MAA	Mt. Juliet, TN

MW-114 L1842529-142 GW

Collected by | Collected date/time 04/02/25 09:05 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	10	04/05/25 06:37	04/05/25 06:37	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	100	04/05/25 06:51	04/05/25 06:51	DLH	Mt. Juliet, TN

MW-114 L1842529-142 GW

Collected by | Collected date/time 04/02/25 09:05 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:12	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:44	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 12:33	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 16:06	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 06:05	04/09/25 06:05	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 17:49	04/11/25 17:49	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/11/25 20:18	TJD	Mt. Juliet, TN

MW-125 L1842529-143 GW

Collected by | Collected date/time 04/02/25 08:45 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2485112	1	04/08/25 10:37	04/08/25 13:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	10	04/06/25 05:17	04/06/25 05:17	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	100	04/06/25 05:30	04/06/25 05:30	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:21	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:46	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 12:44	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 16:09	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 06:26	04/09/25 06:26	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 18:09	04/11/25 18:09	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/13/25 10:55	MAA	Mt. Juliet, TN

DUP-REST-01 L1842529-144 GW

Collected by | Collected date/time 04/02/25 11:00 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	10	04/05/25 07:04	04/05/25 07:04	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 16:12	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 06:48	04/09/25 06:48	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 18:30	04/11/25 18:30	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2489985	1	04/14/25 15:39	04/14/25 15:39	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/13/25 14:16	MAA	Mt. Juliet, TN

EB-REST-01 L1842529-145 GW

Collected by | Collected date/time 04/02/25 13:35 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483465	1	04/04/25 15:56	04/05/25 14:45	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	1	04/05/25 07:31	04/05/25 07:31	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 16:16	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 01:23	04/09/25 01:23	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486936	1	04/10/25 09:20	04/10/25 09:20	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485489	1	04/10/25 08:15	04/11/25 21:25	TJD	Mt. Juliet, TN

DUP-REST-03 L1842529-146 GW

Collected by | Collected date/time 04/02/25 12:00 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	10	04/05/25 08:38	04/05/25 08:38	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	100	04/05/25 08:52	04/05/25 08:52	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:48	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 16:26	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 07:09	04/09/25 07:09	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 18:51	04/11/25 18:51	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2489985	1	04/14/25 16:01	04/14/25 16:01	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 12:40	CAH	Mt. Juliet, TN

EB-REST-03 L1842529-147 GW

Collected by | Collected date/time 04/02/25 13:20 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483465	1	04/04/25 15:56	04/05/25 14:45	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	1	04/05/25 09:05	04/05/25 09:05	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:49	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 16:29	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 01:45	04/09/25 01:45	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486936	1	04/10/25 09:43	04/10/25 09:43	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 13:00	CAH	Mt. Juliet, TN

TRIP BLANK-REST-01 L1842529-148 GW

Collected by | Collected date/time 04/02/25 00:00 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486936	1	04/10/25 08:24	04/10/25 08:24	DYW	Mt. Juliet, TN

TRIP BLANK-TMD-01 L1842529-149 GW

Collected by | Collected date/time 04/02/25 00:00 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2486936	1	04/10/25 08:47	04/10/25 08:47	DYW	Mt. Juliet, TN

MW-117 L1842529-151 GW

Collected by | Collected date/time 04/02/25 14:15 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2485112	1	04/08/25 10:37	04/08/25 13:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	20	04/06/25 05:57	04/06/25 05:57	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	5	04/06/25 05:44	04/06/25 05:44	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:24	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:51	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 12:47	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 16:32	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2485895	1	04/09/25 07:30	04/09/25 07:30	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 19:11	04/11/25 19:11	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 14:01	CAH	Mt. Juliet, TN

MW-118 L1842529-152 GW

Collected by | Collected date/time 04/02/25 14:20 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483465	1	04/04/25 15:56	04/05/25 14:45	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	10	04/05/25 09:19	04/05/25 09:19	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	100	04/05/25 09:32	04/05/25 09:32	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:27	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:53	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 12:50	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 16:36	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	1	04/09/25 15:56	04/09/25 15:56	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 19:32	04/11/25 19:32	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 14:21	CAH	Mt. Juliet, TN

MW-119 L1842529-153 GW

Collected by | Collected date/time 04/02/25 12:40 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	10	04/05/25 09:46	04/05/25 09:46	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483246	100	04/05/25 09:59	04/05/25 09:59	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:30	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:55	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 12:53	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484522	1	04/08/25 22:51	04/10/25 16:39	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	1	04/09/25 16:17	04/09/25 16:17	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 19:52	04/11/25 19:52	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 14:41	CAH	Mt. Juliet, TN

NP-5 L1842529-154 GW

Collected by | Collected date/time 04/02/25 13:20 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2485112	1	04/08/25 10:37	04/08/25 13:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	10	04/06/25 06:11	04/06/25 06:11	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	100	04/06/25 06:24	04/06/25 06:24	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 16:08	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 20:13	04/11/25 20:13	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 15:02	CAH	Mt. Juliet, TN

MW-136 L1842529-155 GW

Collected by | Collected date/time 04/02/25 10:00 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483459	1	04/04/25 16:08	04/05/25 13:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/04/25 23:35	04/04/25 23:35	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	50	04/05/25 00:14	04/05/25 00:14	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 09:56	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 16:21	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	1	04/09/25 16:39	04/09/25 16:39	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487743	1	04/11/25 20:33	04/11/25 20:33	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 15:22	CAH	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

MW-162 L1842529-156 GW

Collected by | Collected date/time 04/02/25 14:15 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483465	1	04/04/25 15:56	04/05/25 14:45	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/04/25 14:16	04/04/25 14:16	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	50	04/05/25 00:41	04/05/25 00:41	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:34	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 12:57	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 16:24	JPD	Mt. Juliet, TN

MW-142 L1842529-157 GW

Collected by | Collected date/time 04/02/25 10:45 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2485112	1	04/08/25 10:37	04/08/25 13:12	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	10	04/06/25 06:38	04/06/25 06:38	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483920	100	04/06/25 06:51	04/06/25 06:51	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:37	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 10:01	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 13:00	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 16:27	JPD	Mt. Juliet, TN

MW-143 L1842529-158 GW

Collected by | Collected date/time 04/02/25 11:55 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483465	1	04/04/25 15:56	04/05/25 14:45	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/05/25 00:54	04/05/25 00:54	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	50	04/05/25 01:07	04/05/25 01:07	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:40	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 10:03	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 13:03	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 16:30	JPD	Mt. Juliet, TN

MW-163 L1842529-159 GW

Collected by | Collected date/time 04/02/25 12:40 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/05/25 01:21	04/05/25 01:21	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	50	04/05/25 01:34	04/05/25 01:34	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:43	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 15:46	UNP	Mt. Juliet, TN

KWB-3AR L1842529-160 GW

Collected by | Collected date/time 04/02/25 08:50 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483465	1	04/04/25 15:56	04/05/25 14:45	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/05/25 01:48	04/05/25 01:48	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	50	04/05/25 02:01	04/05/25 02:01	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 10:05	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 16:46	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	1	04/11/25 00:50	04/11/25 00:50	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 15:42	CAH	Mt. Juliet, TN

RA-1227 L1842529-161 GW

Collected by | Collected date/time 04/02/25 11:15 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483465	1	04/04/25 15:56	04/05/25 14:45	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/05/25 02:41	04/05/25 02:41	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	50	04/05/25 02:55	04/05/25 02:55	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	1	04/11/25 01:10	04/11/25 01:10	DYW	Mt. Juliet, TN

MW-103 L1842529-162 GW

Collected by | Collected date/time 04/02/25 13:45 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483465	1	04/04/25 15:56	04/05/25 14:45	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/04/25 14:03	04/04/25 14:03	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	50	04/05/25 03:08	04/05/25 03:08	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 16:50	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	5	04/08/25 23:08	04/10/25 17:42	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	5	04/09/25 18:46	04/09/25 18:46	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	10	04/11/25 06:12	04/11/25 06:12	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 16:03	CAH	Mt. Juliet, TN

MW-104 L1842529-163 GW

Collected by | Collected date/time 04/02/25 14:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	10	04/05/25 03:22	04/05/25 03:22	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/04/25 14:29	04/04/25 14:29	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 16:53	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	1	04/09/25 17:00	04/09/25 17:00	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	1	04/11/25 01:30	04/11/25 01:30	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 16:23	CAH	Mt. Juliet, TN

MW-64 L1842529-164 GW

Collected by | Collected date/time 04/02/25 09:50 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483778	1	04/05/25 22:24	04/06/25 11:54	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/05/25 03:35	04/05/25 03:35	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 16:56	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	5	04/08/25 23:08	04/10/25 17:45	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	25	04/09/25 19:07	04/09/25 19:07	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	500	04/11/25 06:32	04/11/25 06:32	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 16:43	CAH	Mt. Juliet, TN

MW-102 L1842529-165 GW

Collected by | Collected date/time 04/02/25 10:30 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483465	1	04/04/25 15:56	04/05/25 14:45	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/05/25 04:02	04/05/25 04:02	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 16:59	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	10	04/09/25 19:29	04/09/25 19:29	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	250	04/11/25 06:53	04/11/25 06:53	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 17:04	CAH	Mt. Juliet, TN

MW-116 L1842529-166 GW

Collected by | Collected date/time 04/02/25 08:20 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483465	1	04/04/25 15:56	04/05/25 14:45	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/05/25 04:29	04/05/25 04:29	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	50	04/05/25 04:42	04/05/25 04:42	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484483	1	04/09/25 07:44	04/09/25 17:47	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 10:06	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484488	1	04/09/25 07:40	04/10/25 15:49	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 17:03	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	1	04/09/25 17:21	04/09/25 17:21	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	1	04/11/25 01:51	04/11/25 01:51	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 17:24	CAH	Mt. Juliet, TN

MW-46R L1842529-167 GW

Collected by | Collected date/time 04/02/25 09:05 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/05/25 05:22	04/05/25 05:22	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	50	04/05/25 05:36	04/05/25 05:36	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 17:06	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	1	04/11/25 02:11	04/11/25 02:11	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 17:44	CAH	Mt. Juliet, TN

UG-3R L1842529-168 GW

Collected by | Collected date/time 04/02/25 12:10 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	10	04/04/25 13:08	04/04/25 13:08	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	100	04/05/25 05:49	04/05/25 05:49	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484497	1	04/08/25 22:42	04/09/25 10:08	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 17:09	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	1	04/09/25 17:43	04/09/25 17:43	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	1	04/11/25 02:31	04/11/25 02:31	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 18:04	CAH	Mt. Juliet, TN

UG-4 L1842529-169 GW

Collected by | Collected date/time 04/02/25 12:50 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	10	04/04/25 13:21	04/04/25 13:21	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	100	04/05/25 06:03	04/05/25 06:03	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484500	1	04/09/25 21:47	04/10/25 10:28	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 17:19	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	1	04/09/25 18:03	04/09/25 18:03	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	1	04/11/25 02:51	04/11/25 02:51	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 18:25	CAH	Mt. Juliet, TN

UG-1 L1842529-170 GW

Collected by | Collected date/time 04/02/25 12:05 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	20	04/05/25 06:16	04/05/25 06:16	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/04/25 12:55	04/04/25 12:55	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484500	1	04/09/25 21:47	04/10/25 10:30	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 17:23	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 02:43	04/10/25 02:43	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	1	04/11/25 03:11	04/11/25 03:11	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 18:45	CAH	Mt. Juliet, TN

UG-2 L1842529-171 GW

Collected by | Collected date/time 04/02/25 11:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/05/25 06:29	04/05/25 06:29	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	50	04/05/25 06:43	04/05/25 06:43	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484500	1	04/09/25 21:47	04/10/25 10:32	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 17:26	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	1	04/09/25 18:25	04/09/25 18:25	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	1	04/11/25 03:31	04/11/25 03:31	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 19:05	CAH	Mt. Juliet, TN

DUP-REST-02 L1842529-172 GW

Collected by | Collected date/time 04/02/25 11:00 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	5	04/05/25 06:56	04/05/25 06:56	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 17:29	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	50	04/09/25 19:50	04/09/25 19:50	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487707	250	04/11/25 07:13	04/11/25 07:13	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 20:54	CAH	Mt. Juliet, TN

EB-REST-02 L1842529-173 GW

Collected by | Collected date/time 04/02/25 10:45 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483248	1	04/05/25 07:23	04/05/25 07:23	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 17:32	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	1	04/09/25 13:27	04/09/25 13:27	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 07:04	04/11/25 07:04	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485490	1	04/09/25 06:05	04/09/25 21:14	CAH	Mt. Juliet, TN

TRIP BLANK-REST-03 L1842529-174 GW

Collected by | Collected date/time 04/02/25 00:00 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 06:17	04/11/25 06:17	DYW	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

MW-98 L1842529-175 GW

Collected by | Collected date/time 04/02/25 11:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	5	04/05/25 01:22	04/05/25 01:22	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 07:26	04/05/25 07:26	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 17:35	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486449	20	04/09/25 20:11	04/09/25 20:11	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	50	04/11/25 11:22	04/11/25 11:22	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 00:26	CAH	Mt. Juliet, TN

MW-106 L1842529-176 GW

Collected by | Collected date/time 04/02/25 10:35 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	5	04/05/25 02:02	04/05/25 02:02	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 07:53	04/05/25 07:53	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484523	1	04/08/25 23:08	04/10/25 17:39	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	25	04/10/25 09:28	04/10/25 09:28	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2489709	200	04/15/25 04:40	04/15/25 04:40	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 00:46	CAH	Mt. Juliet, TN

MW-45 L1842529-177 GW

Collected by | Collected date/time 04/02/25 08:30 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483442	1	04/04/25 15:20	04/05/25 09:48	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	10	04/05/25 02:16	04/05/25 02:16	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	100	04/05/25 08:07	04/05/25 08:07	DLH	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2484500	1	04/09/25 21:47	04/10/25 10:33	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/10/25 17:37	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487710	1	04/11/25 07:51	04/11/25 07:51	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 01:06	CAH	Mt. Juliet, TN

MW-157 L1842529-178 GW

Collected by | Collected date/time 04/02/25 09:15 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	10	04/10/25 09:49	04/10/25 09:49	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2488739	1	04/14/25 14:37	04/14/25 14:37	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491077	100	04/15/25 22:50	04/15/25 22:50	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 01:26	CAH	Mt. Juliet, TN

MW-158 L1842529-179 GW

Collected by | Collected date/time 04/02/25 08:25 | Received date/time 04/04/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 03:05	04/10/25 03:05	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2488739	1	04/14/25 14:56	04/14/25 14:56	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491077	1	04/15/25 18:51	04/15/25 18:51	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 01:46	CAH	Mt. Juliet, TN

MW-159 L1842529-180 GW

			Collected by	Collected date/time	Received date/time	
				04/02/25 09:45	04/04/25 09:15	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 03:26	04/10/25 03:26	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2488739	1	04/14/25 15:15	04/14/25 15:15	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491077	20	04/15/25 23:10	04/15/25 23:10	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 02:06	CAH	Mt. Juliet, TN

MW-90 L1842529-181 GW

			Collected by	Collected date/time	Received date/time	
				04/02/25 08:25	04/04/25 09:15	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2483446	1	04/04/25 15:41	04/05/25 11:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	5	04/05/25 02:29	04/05/25 02:29	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2483252	50	04/05/25 08:20	04/05/25 08:20	DLH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2484524	1	04/09/25 10:51	04/10/25 17:40	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2486829	1	04/10/25 03:47	04/10/25 03:47	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2488739	1	04/14/25 15:34	04/14/25 15:34	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491077	1	04/15/25 19:11	04/15/25 19:11	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2485491	1	04/09/25 12:59	04/10/25 02:26	CAH	Mt. Juliet, TN

TRIP BLANK-EP-02 L1842529-182 GW

			Collected by	Collected date/time	Received date/time	
				04/02/25 00:00	04/05/25 09:15	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2489014	1	04/14/25 10:01	04/14/25 10:01	ACG	Mt. Juliet, TN

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Batch	Method	Lab Sample ID
WG2486753	8260B	L1842529-39, 51
WG2486758	8260B	L1842529-61
WG2487707	8260B	L1842529-164, 172
WG2487743	8260B	L1842529-144
WG2489985	8260B	L1842529-144

The following samples were prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.

Batch	Method	Lab Sample ID
WG2483241	9056A	L1842529-100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 114, 115, 116, 117, 118, 119, 120, 121, 122
WG2483246	9056A	L1842529-123, 124, 125, 127, 128, 129, 141, 142, 144, 145, 146, 147, 152, 153
WG2483248	9056A	L1842529-155, 156, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173
WG2483252	9056A	L1842529-85, 86, 87, 88, 89, 90, 91, 92, 93, 95, 96, 97, 98, 99, 175, 176, 177, 181
WG2483920	9056A	L1842529-130, 131, 133, 134, 143, 151, 154, 157

Analyzed from headspace vial.

Batch	Method	Lab Sample ID
WG2487655	8015D/GRO	L1842529-88

Gravimetric Analysis by Method 2540 C-2011

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2482002	(DUP) R4195653-4, L1842529-83	Dissolved Solids
WG2483465	(DUP) R4196230-3, L1842529-145	Dissolved Solids

Wet Chemistry by Method 9056A

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG2481788	(MS) R4195126-4	Chloride and Sulfate
WG2483241	(MS) R4195931-7	Chloride and Sulfate
WG2483248	(MS) R4195536-4	Sulfate
WG2483252	(DUP) R4195983-3	Sulfate
WG2483252	(MS) R4195983-4	Sulfate

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2481788	(DUP) R4195126-6, L1842529-11	Sulfate
WG2481829	(DUP) R4195245-3, L1842529-65	Fluoride
WG2483252	(DUP) R4195983-3, L1842529-175	Chloride and Fluoride

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2481788	(MS) R4195126-4	Chloride and Sulfate
WG2483241	(MS) R4195931-7	Chloride and Sulfate
WG2483248	(MS) R4195536-4, L1842529-155	Chloride and Sulfate
WG2483252	(MS) R4195983-4	Sulfate

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2483248	(MS) R4195536-4, L1842529-155	Nitrate as (N)
WG2483252	(MS) R4195983-4, L1842529-175	Fluoride and Nitrate as (N)
WG2483920	(MS) R4195971-7	Sulfate

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2481788	(MSD) R4195126-8, L1842529-11	Chloride, Fluoride, Nitrate as (N) and Nitrite as (N)

Metals (ICPMS) by Method 6020B

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2484509	Sodium	L1842529-77, 78, 79, 83
WG2484524	Lead	L1842529-92, 96, 99, 177

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2482620	(DUP) R4195016-6	Selenium

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2484523	(MS) R4197892-3, (MSD) R4197892-4, L1842529-154	Barium and Iron

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2482620	(MS) R4195016-4, (MSD) R4195016-5, L1842529-01	Calcium, Manganese and Sodium
WG2483125	(MS) R4197360-4, (MSD) R4197360-5	Calcium and Sodium
WG2484507	(MS) R4196829-4, (MSD) R4196829-5	Calcium and Sodium
WG2484509	(MS) R4196975-4, (MSD) R4196975-5, L1842529-81	Calcium and Sodium
WG2484521	(MS) R4197389-7, (MSD) R4197389-8, L1842529-115	Calcium and Sodium
WG2484522	(MS) R4197938-4, (MSD) R4197938-5	Calcium and Sodium
WG2484523	(MS) R4197892-3, (MSD) R4197892-4, L1842529-154	Calcium and Sodium

Metals (ICPMS) by Method 6020B

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2483124	(MSD) R4196901-5, L1842529-11	Sodium

The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Batch	Lab Sample ID	Analytes
WG2482620	L1842529-01	Calcium, Manganese and Sodium

Volatile Organic Compounds (GC) by Method 8015D/GRO

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2484389	TPH (GC/FID) Low Fraction	L1842529-10, 11, 12, 16, 17, 18, 22, 35
WG2484821	TPH (GC/FID) Low Fraction	L1842529-38, 41

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2484821	(LCSD) R4196324-2, L1842529-38, 40, 41, 44, 45, 48, 49, 50, 51, 52, 53, 54, 56	TPH (GC/FID) Low Fraction

Volatile Organic Compounds (GC/MS) by Method 8260B

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2484281	L1842529-01	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Bromoform, Chloroethane, Methyl tert-butyl ether, Naphthalene and Styrene
WG2484281	L1842529-02	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Bromoform, Chloroethane, Methyl tert-butyl ether, Naphthalene and Styrene
WG2484281	L1842529-03	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Bromoform, Chloroethane, Methyl tert-butyl ether, Naphthalene and Styrene
WG2484692	L1842529-04	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-05	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-06	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-07	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-08	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-09	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-10	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-100	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-101	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-102	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-103	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-104	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-105	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-106	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-107	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-108	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-109	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene

Volatile Organic Compounds (GC/MS) by Method 8260B

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2484692	L1842529-11	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-110	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484692	L1842529-113	2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Naphthalene and Styrene
WG2484715	L1842529-114	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane and Vinyl chloride
WG2484715	L1842529-115	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane and Vinyl chloride
WG2484715	L1842529-116	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane and Vinyl chloride
WG2484715	L1842529-117	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane and Vinyl chloride
WG2484715	L1842529-118	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane and Vinyl chloride
WG2484715	L1842529-119	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane and Vinyl chloride
WG2484715	L1842529-12	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane and Vinyl chloride
WG2484715	L1842529-120	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane and Vinyl chloride
WG2484715	L1842529-122	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane and Vinyl chloride
WG2484715	L1842529-125	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane and Vinyl chloride
WG2485473	L1842529-14	Acetone
WG2485473	L1842529-15	Acetone
WG2485473	L1842529-16	Acetone
WG2485473	L1842529-17	Acetone
WG2485473	L1842529-18	Acetone
WG2485473	L1842529-19	Acetone
WG2485473	L1842529-20	Acetone
WG2485473	L1842529-21	Acetone
WG2485473	L1842529-22	Acetone
WG2486299	L1842529-23	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Naphthalene and tert-Butyl alcohol
WG2486299	L1842529-24	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Naphthalene and tert-Butyl alcohol
WG2486299	L1842529-25	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Naphthalene and tert-Butyl alcohol
WG2486299	L1842529-26	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Naphthalene and tert-Butyl alcohol
WG2486299	L1842529-27	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Naphthalene and tert-Butyl alcohol
WG2486299	L1842529-28	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Naphthalene and tert-Butyl alcohol
WG2486299	L1842529-29	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Naphthalene and tert-Butyl alcohol
WG2486299	L1842529-30	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Naphthalene and tert-Butyl alcohol
WG2486299	L1842529-31	2-Hexanone, 4-Methyl-2-pentanone (MIBK), Naphthalene and tert-Butyl alcohol
WG2486492	L1842529-33	Bromomethane and Carbon disulfide
WG2486492	L1842529-34	Bromomethane and Carbon disulfide
WG2486492	L1842529-35	Bromomethane and Carbon disulfide
WG2486492	L1842529-36	Bromomethane and Carbon disulfide
WG2486492	L1842529-37	Bromomethane and Carbon disulfide
WG2486750	L1842529-121	Bromomethane
WG2486750	L1842529-127	Bromomethane
WG2486750	L1842529-128	Bromomethane
WG2486750	L1842529-13	Bromomethane
WG2486750	L1842529-132	Bromomethane
WG2486750	L1842529-135	Bromomethane
WG2486750	L1842529-136	Bromomethane
WG2486750	L1842529-137	Bromomethane
WG2486750	L1842529-138	Bromomethane
WG2486753	L1842529-38	Naphthalene
WG2486753	L1842529-39	Naphthalene
WG2486753	L1842529-41	Naphthalene
WG2486753	L1842529-42	Naphthalene
WG2486753	L1842529-43	Naphthalene
WG2486753	L1842529-44	Naphthalene
WG2486753	L1842529-45	Naphthalene
WG2486753	L1842529-46	Naphthalene

Volatile Organic Compounds (GC/MS) by Method 8260B

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2486753	L1842529-48	Naphthalene
WG2486753	L1842529-49	Naphthalene
WG2486753	L1842529-50	Naphthalene
WG2486753	L1842529-51	Naphthalene
WG2486753	L1842529-52	Naphthalene
WG2486753	L1842529-53	Naphthalene
WG2486753	L1842529-56	Naphthalene
WG2486753	L1842529-58	Naphthalene
WG2486758	L1842529-59	Bromomethane and Chloromethane
WG2486758	L1842529-60	Bromomethane and Chloromethane
WG2486758	L1842529-61	Bromomethane and Chloromethane
WG2486758	L1842529-62	Bromomethane and Chloromethane
WG2486758	L1842529-63	Bromomethane and Chloromethane
WG2486758	L1842529-64	Bromomethane and Chloromethane
WG2486758	L1842529-65	Bromomethane and Chloromethane
WG2486758	L1842529-66	Bromomethane and Chloromethane
WG2486758	L1842529-67	Bromomethane and Chloromethane
WG2486758	L1842529-68	Bromomethane and Chloromethane
WG2486758	L1842529-69	Bromomethane and Chloromethane
WG2486758	L1842529-70	Bromomethane and Chloromethane
WG2486758	L1842529-71	Bromomethane and Chloromethane
WG2486758	L1842529-72	Bromomethane and Chloromethane
WG2486758	L1842529-73	Bromomethane and Chloromethane
WG2486758	L1842529-74	Bromomethane and Chloromethane
WG2486758	L1842529-75	Bromomethane and Chloromethane
WG2486758	L1842529-76	Bromomethane and Chloromethane
WG2486758	L1842529-77	Bromomethane and Chloromethane
WG2486758	L1842529-78	Bromomethane and Chloromethane
WG2486936	L1842529-130	Acetone, Bromomethane, cis-1,3-Dichloropropene, Naphthalene and trans-1,3-Dichloropropene
WG2486936	L1842529-131	Acetone, Bromomethane, cis-1,3-Dichloropropene, Naphthalene and trans-1,3-Dichloropropene
WG2486936	L1842529-133	Acetone, Bromomethane, cis-1,3-Dichloropropene, Naphthalene and trans-1,3-Dichloropropene
WG2486936	L1842529-134	Acetone, Bromomethane, cis-1,3-Dichloropropene, Naphthalene and trans-1,3-Dichloropropene
WG2486936	L1842529-145	Acetone, Bromomethane, cis-1,3-Dichloropropene, Naphthalene and trans-1,3-Dichloropropene
WG2486936	L1842529-147	Acetone, Bromomethane, cis-1,3-Dichloropropene, Naphthalene and trans-1,3-Dichloropropene
WG2486936	L1842529-148	Acetone, Bromomethane, cis-1,3-Dichloropropene, Naphthalene and trans-1,3-Dichloropropene
WG2486936	L1842529-149	Acetone, Bromomethane, cis-1,3-Dichloropropene, Naphthalene and trans-1,3-Dichloropropene
WG2487160	L1842529-79	Bromoform and Naphthalene
WG2487160	L1842529-80	Bromoform and Naphthalene
WG2487160	L1842529-81	Bromoform and Naphthalene
WG2487160	L1842529-82	Bromoform and Naphthalene
WG2487160	L1842529-83	Bromoform and Naphthalene
WG2487160	L1842529-84	Bromoform and Naphthalene
WG2487237	L1842529-32	2-Butanone (MEK) and Naphthalene
WG2487614	L1842529-40	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487614	L1842529-54	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487614	L1842529-55	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487614	L1842529-57	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-160	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-161	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-162	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol

Volatile Organic Compounds (GC/MS) by Method 8260B

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2487707	L1842529-163	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-164	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-165	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-166	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-167	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-168	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-169	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-170	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-171	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487707	L1842529-172	2-Butanone (MEK), Naphthalene and tert-Butyl alcohol
WG2487710	L1842529-173	Acetone
WG2487710	L1842529-174	Acetone
WG2487710	L1842529-175	Acetone
WG2487710	L1842529-177	Acetone
WG2487710	L1842529-85	Acetone
WG2487710	L1842529-86	Acetone
WG2487710	L1842529-87	Acetone
WG2487710	L1842529-88	Acetone
WG2487710	L1842529-89	Acetone
WG2487710	L1842529-90	Acetone
WG2487710	L1842529-91	Acetone
WG2487710	L1842529-92	Acetone
WG2487710	L1842529-93	Acetone
WG2487710	L1842529-94	Acetone
WG2487710	L1842529-95	Acetone
WG2487730	L1842529-129	2-Hexanone, Bromoform and Naphthalene
WG2487743	L1842529-139	tert-Butyl alcohol
WG2487743	L1842529-140	tert-Butyl alcohol
WG2487743	L1842529-141	tert-Butyl alcohol
WG2487743	L1842529-142	tert-Butyl alcohol
WG2487743	L1842529-143	tert-Butyl alcohol
WG2487743	L1842529-144	tert-Butyl alcohol
WG2487743	L1842529-146	tert-Butyl alcohol
WG2487743	L1842529-151	tert-Butyl alcohol
WG2487743	L1842529-152	tert-Butyl alcohol
WG2487743	L1842529-153	tert-Butyl alcohol
WG2487743	L1842529-154	tert-Butyl alcohol
WG2487743	L1842529-155	tert-Butyl alcohol
WG2489014	L1842529-182	2-Butanone (MEK), 2-Hexanone, Acetone, cis-1,3-Dichloropropene and Naphthalene

The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.

Batch	Lab Sample ID	Analytes
WG2487614	L1842529-57	Vinyl chloride
WG2487710	L1842529-87	tert-Butyl alcohol
WG2487710	L1842529-90	tert-Butyl alcohol
WG2487710	L1842529-91	tert-Butyl alcohol
WG2487710	L1842529-95	tert-Butyl alcohol
WG2488739	L1842529-181	Isopropylbenzene

Surrogate recovery limits have been exceeded; values are outside lower control limits.

Batch	Analyte	Lab Sample ID
WG2484692	1,2-Dichloroethane-d4	L1842529-11

Volatile Organic Compounds (GC/MS) by Method 8260B

Surrogate recovery limits have been exceeded; values are outside upper control limits.

Batch	Analyte	Lab Sample ID
WG2487710	4-Bromofluorobenzene	L1842529-87

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2486750	Naphthalene	L1842529-121, 127, 128

The associated batch QC was above the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2484715	(LCS) R4197324-1, L1842529-12, 114, 115, 116, 117, 118, 119, 120, 122, 125	4-Methyl-2-pentanone (MIBK) and Acetone
WG2487160	(LCS) R4198305-1, L1842529-79, 80, 81, 82, 83, 84	Vinyl chloride
WG2487237	(LCS) R4197942-1, (LCSD) R4197942-2, L1842529-32	Chloroethane and Vinyl chloride
WG2487710	(LCS) R4198969-1, (LCSD) R4198969-2, L1842529-85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 173, 174, 175, 177	Chloroethane and Vinyl chloride
WG2487743	(LCS) R4199096-1, L1842529-139, 140, 141, 142, 143, 144, 146, 151, 152, 153, 154, 155	Bromomethane and Naphthalene
WG2488739	(LCS) R4199721-1, (LCSD) R4199721-3, L1842529-178, 179, 180, 181	1,1-Dichloroethene and trans-1,2-Dichloroethene

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2486753	(LCSD) R4197817-2, L1842529-38, 39, 41, 42, 43, 44, 45, 46, 48, 49, 50, 51, 52, 53, 56, 58	1,2,4-Trimethylbenzene, 2-Hexanone and cis-1,3-Dichloropropene
WG2486936	(LCS) R4198180-1, (LCSD) R4198180-2, L1842529-130, 131, 133, 134, 145, 147, 148, 149	cis-1,3-Dichloropropene and trans-1,3-Dichloropropene
WG2487614	(LCS) R4198266-1, (LCSD) R4198266-2, L1842529-40, 54, 55, 57	Naphthalene
WG2487707	(LCS) R4198267-1, (LCSD) R4198267-2, L1842529-160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172	Naphthalene
WG2489014	(LCS) R4199353-1, L1842529-182	cis-1,3-Dichloropropene

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2485473	(LCSD) R4197178-3, L1842529-14, 15, 16, 17, 18, 19, 20, 21, 22	Bromomethane
WG2486753	(LCSD) R4197817-2, L1842529-38, 39, 41, 42, 43, 44, 45, 46, 48, 49, 50, 51, 52, 53, 56, 58	2-Butanone (MEK), 2-Hexanone and Acetone
WG2486758	(LCSD) R4197646-2, L1842529-59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78	2-Butanone (MEK), Acetone and Bromomethane
WG2487710	(LCSD) R4198969-2, L1842529-85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 173, 174, 175, 177	tert-Butyl alcohol
WG2489014	(LCSD) R4199353-2, L1842529-182	Acetone

The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Batch	Lab Sample ID	Analytes
WG2487160	(MS) R4198305-4	1,2-Dichloroethane, 2-Hexanone, Bromomethane, Chloromethane and Vinyl chloride

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2485473	(MS) R4197178-4, (MSD) R4197178-5	Chloromethane and tert-Butyl alcohol

Volatile Organic Compounds (GC/MS) by Method 8260B

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2485473	(MSD) R4197178-5	Carbon disulfide
WG2487160	(MSD) R4198305-5	14 analytes

Semi-Volatile Organic Compounds (GC) by Method 8015D

Surrogate recovery cannot be used for control limit evaluation due to dilution.

Batch	Analyte	Lab Sample ID
WG2485489	o-Terphenyl	L1842529-128

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

The initial calibration verification standard (SSCV) associated with this data responded high.

Batch	Lab Sample ID	Analytes
WG2483637	L1842529-57	Benzaldehyde

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2483637	L1842529-57	Hexachlorocyclopentadiene and Pentachlorophenol
WG2483637	L1842529-58	n-Nitrosodi-n-propylamine

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2483637	(LCSD) R4196258-2, L1842529-57, 58	12 analytes

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Surrogate recovery cannot be used for control limit evaluation due to dilution.

Batch	Analyte	Lab Sample ID
WG2488697	Nitrobenzene-d5	L1842529-128

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2488697	(LCS) R4199023-1, (LCSD) R4199023-2, L1842529-128	1,4-Dioxane

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6100		100	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1410		54.7	100	100	04/02/2025 20:28	WG2481788
Fluoride	2.04		0.761	1.50	10	04/02/2025 19:41	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 19:41	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 19:41	WG2481788
Sulfate	2200		63.7	500	100	04/02/2025 20:28	WG2481788

Sample Narrative:

L1842529-01 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00970		0.000120	0.00200	1	04/04/2025 00:57	WG2482620
Barium	0.0252		0.000500	0.00200	1	04/04/2025 00:57	WG2482620
Calcium	661	O1 V	0.0925	1.00	1	04/04/2025 00:57	WG2482620
Chromium	U		0.000900	0.00200	1	04/04/2025 00:57	WG2482620
Iron	0.462		0.0226	0.100	1	04/04/2025 00:57	WG2482620
Lead	U		0.000500	0.00200	1	04/04/2025 00:57	WG2482620
Manganese	0.836	O1 V	0.000700	0.00500	1	04/04/2025 00:57	WG2482620
Potassium	1.23	J	0.0965	2.00	1	04/04/2025 00:57	WG2482620
Selenium	0.00331		0.000250	0.00200	1	04/04/2025 00:57	WG2482620
Sodium	910	O1 V	0.142	2.00	1	04/04/2025 00:57	WG2482620

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.225		0.0314	0.100	1	04/07/2025 06:22	WG2484373
(S) a,a,a-Trifluorotoluene(FID)	*88.7*			*78.0-120*		*04/07/2025 06:22*	WG2484373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/06/2025 20:05	WG2484281
Benzene	U		0.0000941	0.00100	1	04/06/2025 20:05	WG2484281
Bromodichloromethane	U		0.000136	0.00100	1	04/06/2025 20:05	WG2484281
Bromoform	U	C3	0.000129	0.00100	1	04/06/2025 20:05	WG2484281
Bromomethane	U		0.000605	0.00500	1	04/06/2025 20:05	WG2484281
n-Butylbenzene	U		0.000157	0.00100	1	04/06/2025 20:05	WG2484281
sec-Butylbenzene	U		0.000125	0.00100	1	04/06/2025 20:05	WG2484281
Carbon disulfide	U		0.0000962	0.00100	1	04/06/2025 20:05	WG2484281
Carbon tetrachloride	U		0.000128	0.00100	1	04/06/2025 20:05	WG2484281
Chlorobenzene	U		0.000116	0.00100	1	04/06/2025 20:05	WG2484281
Chlorodibromomethane	U		0.000140	0.00100	1	04/06/2025 20:05	WG2484281
Chloroethane	U	C3	0.000192	0.00500	1	04/06/2025 20:05	WG2484281
Chloroform	U		0.000111	0.00500	1	04/06/2025 20:05	WG2484281
Chloromethane	U		0.000960	0.00250	1	04/06/2025 20:05	WG2484281
1,2-Dibromoethane	U		0.000126	0.00100	1	04/06/2025 20:05	WG2484281
1,1-Dichloroethane	U		0.000100	0.00100	1	04/06/2025 20:05	WG2484281

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/06/2025 20:05	WG2484281
1,1-Dichloroethene	U		0.000188	0.00100	1	04/06/2025 20:05	WG2484281
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/06/2025 20:05	WG2484281
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/06/2025 20:05	WG2484281
1,2-Dichloropropane	U		0.000149	0.00100	1	04/06/2025 20:05	WG2484281
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/06/2025 20:05	WG2484281
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/06/2025 20:05	WG2484281
Ethylbenzene	U		0.000137	0.00100	1	04/06/2025 20:05	WG2484281
Isopropylbenzene	U		0.000105	0.00100	1	04/06/2025 20:05	WG2484281
p-Isopropyltoluene	U		0.000120	0.00100	1	04/06/2025 20:05	WG2484281
2-Butanone (MEK)	U		0.00119	0.0100	1	04/06/2025 20:05	WG2484281
2-Hexanone	U	C3	0.000787	0.0100	1	04/06/2025 20:05	WG2484281
Methylene Chloride	U		0.000430	0.00500	1	04/06/2025 20:05	WG2484281
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/06/2025 20:05	WG2484281
Methyl tert-butyl ether	U	C3	0.000101	0.00100	1	04/06/2025 20:05	WG2484281
Naphthalene	U	C3	0.00100	0.00500	1	04/06/2025 20:05	WG2484281
n-Propylbenzene	U		0.0000993	0.00100	1	04/06/2025 20:05	WG2484281
Styrene	U	C3	0.000118	0.00100	1	04/06/2025 20:05	WG2484281
tert-Butyl alcohol	U		0.00406	0.00500	1	04/06/2025 20:05	WG2484281
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/06/2025 20:05	WG2484281
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/06/2025 20:05	WG2484281
Tetrachloroethene	U		0.000300	0.00100	1	04/06/2025 20:05	WG2484281
Toluene	U		0.000278	0.00100	1	04/06/2025 20:05	WG2484281
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/06/2025 20:05	WG2484281
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/06/2025 20:05	WG2484281
Trichloroethene	U		0.000190	0.00100	1	04/06/2025 20:05	WG2484281
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/06/2025 20:05	WG2484281
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/06/2025 20:05	WG2484281
Vinyl chloride	U		0.000234	0.00100	1	04/06/2025 20:05	WG2484281
o-Xylene	U		0.000174	0.00100	1	04/06/2025 20:05	WG2484281
m&p-Xylene	U		0.000430	0.00200	1	04/06/2025 20:05	WG2484281
Xylenes, Total	U		0.000174	0.00300	1	04/06/2025 20:05	WG2484281
(S) Toluene-d8	*104*			*80.0-120*		*04/06/2025 20:05*	WG2484281
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*04/06/2025 20:05*	WG2484281
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*		*04/06/2025 20:05*	WG2484281

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.36		0.0605	0.100	1	04/08/2025 15:32	WG2484752
(S) o-Terphenyl	*95.8*			*52.0-156*		*04/08/2025 15:32*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4030		100	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1020		54.7	100	100	04/02/2025 21:15	WG2481788
Fluoride	1.08	J	0.761	1.50	10	04/02/2025 20:59	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 20:59	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 20:59	WG2481788
Sulfate	1410		63.7	500	100	04/02/2025 21:15	WG2481788

Sample Narrative:

L1842529-02 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0390		0.000120	0.00200	1	04/04/2025 01:23	WG2482620
Barium	0.0137		0.000500	0.00200	1	04/04/2025 01:23	WG2482620
Calcium	442		0.0925	1.00	1	04/04/2025 01:23	WG2482620
Chromium	U		0.000900	0.00200	1	04/04/2025 01:23	WG2482620
Iron	1.42		0.0226	0.100	1	04/04/2025 01:23	WG2482620
Lead	U		0.000500	0.00200	1	04/04/2025 01:23	WG2482620
Manganese	2.07		0.000700	0.00500	1	04/04/2025 01:23	WG2482620
Potassium	4.65		0.0965	2.00	1	04/04/2025 01:23	WG2482620
Selenium	U		0.000250	0.00200	1	04/04/2025 01:23	WG2482620
Sodium	619		0.142	2.00	1	04/04/2025 01:23	WG2482620

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0383	J	0.0314	0.100	1	04/07/2025 06:45	WG2484373
(S) a,a,a-Trifluorotoluene(FID)	*85.7*			*78.0-120*		*04/07/2025 06:45*	WG2484373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/06/2025 20:25	WG2484281
Benzene	U		0.0000941	0.00100	1	04/06/2025 20:25	WG2484281
Bromodichloromethane	U		0.000136	0.00100	1	04/06/2025 20:25	WG2484281
Bromoform	U	C3	0.000129	0.00100	1	04/06/2025 20:25	WG2484281
Bromomethane	U		0.000605	0.00500	1	04/06/2025 20:25	WG2484281
n-Butylbenzene	U		0.000157	0.00100	1	04/06/2025 20:25	WG2484281
sec-Butylbenzene	U		0.000125	0.00100	1	04/06/2025 20:25	WG2484281
Carbon disulfide	U		0.0000962	0.00100	1	04/06/2025 20:25	WG2484281
Carbon tetrachloride	U		0.000128	0.00100	1	04/06/2025 20:25	WG2484281
Chlorobenzene	U		0.000116	0.00100	1	04/06/2025 20:25	WG2484281
Chlorodibromomethane	U		0.000140	0.00100	1	04/06/2025 20:25	WG2484281
Chloroethane	U	C3	0.000192	0.00500	1	04/06/2025 20:25	WG2484281
Chloroform	U		0.000111	0.00500	1	04/06/2025 20:25	WG2484281
Chloromethane	U		0.000960	0.00250	1	04/06/2025 20:25	WG2484281
1,2-Dibromoethane	U		0.000126	0.00100	1	04/06/2025 20:25	WG2484281
1,1-Dichloroethane	U		0.000100	0.00100	1	04/06/2025 20:25	WG2484281

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/06/2025 20:25	WG2484281
1,1-Dichloroethene	U		0.000188	0.00100	1	04/06/2025 20:25	WG2484281
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/06/2025 20:25	WG2484281
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/06/2025 20:25	WG2484281
1,2-Dichloropropane	U		0.000149	0.00100	1	04/06/2025 20:25	WG2484281
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/06/2025 20:25	WG2484281
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/06/2025 20:25	WG2484281
Ethylbenzene	U		0.000137	0.00100	1	04/06/2025 20:25	WG2484281
Isopropylbenzene	U		0.000105	0.00100	1	04/06/2025 20:25	WG2484281
p-Isopropyltoluene	U		0.000120	0.00100	1	04/06/2025 20:25	WG2484281
2-Butanone (MEK)	U		0.00119	0.0100	1	04/06/2025 20:25	WG2484281
2-Hexanone	U	C3	0.000787	0.0100	1	04/06/2025 20:25	WG2484281
Methylene Chloride	U		0.000430	0.00500	1	04/06/2025 20:25	WG2484281
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/06/2025 20:25	WG2484281
Methyl tert-butyl ether	U	C3	0.000101	0.00100	1	04/06/2025 20:25	WG2484281
Naphthalene	U	C3	0.00100	0.00500	1	04/06/2025 20:25	WG2484281
n-Propylbenzene	U		0.0000993	0.00100	1	04/06/2025 20:25	WG2484281
Styrene	U	C3	0.000118	0.00100	1	04/06/2025 20:25	WG2484281
tert-Butyl alcohol	U		0.00406	0.00500	1	04/06/2025 20:25	WG2484281
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/06/2025 20:25	WG2484281
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/06/2025 20:25	WG2484281
Tetrachloroethene	U		0.000300	0.00100	1	04/06/2025 20:25	WG2484281
Toluene	U		0.000278	0.00100	1	04/06/2025 20:25	WG2484281
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/06/2025 20:25	WG2484281
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/06/2025 20:25	WG2484281
Trichloroethene	U		0.000190	0.00100	1	04/06/2025 20:25	WG2484281
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/06/2025 20:25	WG2484281
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/06/2025 20:25	WG2484281
Vinyl chloride	U		0.000234	0.00100	1	04/06/2025 20:25	WG2484281
o-Xylene	U		0.000174	0.00100	1	04/06/2025 20:25	WG2484281
m&p-Xylene	U		0.000430	0.00200	1	04/06/2025 20:25	WG2484281
Xylenes, Total	U		0.000174	0.00300	1	04/06/2025 20:25	WG2484281
(S) Toluene-d8	*99.9*			*80.0-120*		*04/06/2025 20:25*	WG2484281
(S) 4-Bromofluorobenzene	*92.8*			*77.0-126*		*04/06/2025 20:25*	WG2484281
(S) 1,2-Dichloroethane-d4	*97.3*			*70.0-130*		*04/06/2025 20:25*	WG2484281

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.236		0.0605	0.100	1	04/09/2025 06:19	WG2484752
(S) o-Terphenyl	*81.6*			*52.0-156*		*04/09/2025 06:19*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	8400		200	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3070		54.7	100	100	04/02/2025 21:46	WG2481788
Fluoride	2.71		0.761	1.50	10	04/02/2025 21:30	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 21:30	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 21:30	WG2481788
Sulfate	2460		63.7	500	100	04/02/2025 21:46	WG2481788

Sample Narrative:

L1842529-03 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00184	J	0.000600	0.0100	5	04/04/2025 02:26	WG2482620
Barium	0.0109		0.00250	0.0100	5	04/04/2025 02:26	WG2482620
Calcium	627		0.462	5.00	5	04/04/2025 02:26	WG2482620
Chromium	U		0.00450	0.0100	5	04/04/2025 02:26	WG2482620
Iron	4.00		0.113	0.500	5	04/04/2025 02:26	WG2482620
Lead	U		0.00250	0.0100	5	04/04/2025 02:26	WG2482620
Manganese	1.35		0.00350	0.0250	5	04/04/2025 02:26	WG2482620
Potassium	3.62	J	0.482	10.0	5	04/04/2025 02:26	WG2482620
Selenium	0.0174		0.00125	0.0100	5	04/04/2025 02:26	WG2482620
Sodium	1740		0.710	10.0	5	04/04/2025 02:26	WG2482620

Sample Narrative:

L1842529-03 WG2482620: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 07:08	WG2484373
(S) a,a,a-Trifluorotoluene(FID)	*85.8*			*78.0-120*		*04/07/2025 07:08*	WG2484373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/06/2025 21:00	WG2484281
Benzene	U		0.0000941	0.00100	1	04/06/2025 21:00	WG2484281
Bromodichloromethane	U		0.000136	0.00100	1	04/06/2025 21:00	WG2484281
Bromoform	U	C3	0.000129	0.00100	1	04/06/2025 21:00	WG2484281
Bromomethane	U		0.000605	0.00500	1	04/06/2025 21:00	WG2484281
n-Butylbenzene	U		0.000157	0.00100	1	04/06/2025 21:00	WG2484281
sec-Butylbenzene	U		0.000125	0.00100	1	04/06/2025 21:00	WG2484281
Carbon disulfide	U		0.0000962	0.00100	1	04/06/2025 21:00	WG2484281
Carbon tetrachloride	U		0.000128	0.00100	1	04/06/2025 21:00	WG2484281
Chlorobenzene	U		0.000116	0.00100	1	04/06/2025 21:00	WG2484281
Chlorodibromomethane	U		0.000140	0.00100	1	04/06/2025 21:00	WG2484281
Chloroethane	U	C3	0.000192	0.00500	1	04/06/2025 21:00	WG2484281
Chloroform	U		0.000111	0.00500	1	04/06/2025 21:00	WG2484281

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/06/2025 21:00	WG2484281
1,2-Dibromoethane	U		0.000126	0.00100	1	04/06/2025 21:00	WG2484281
1,1-Dichloroethane	U		0.000100	0.00100	1	04/06/2025 21:00	WG2484281
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/06/2025 21:00	WG2484281
1,1-Dichloroethene	U		0.000188	0.00100	1	04/06/2025 21:00	WG2484281
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/06/2025 21:00	WG2484281
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/06/2025 21:00	WG2484281
1,2-Dichloropropane	U		0.000149	0.00100	1	04/06/2025 21:00	WG2484281
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/06/2025 21:00	WG2484281
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/06/2025 21:00	WG2484281
Ethylbenzene	U		0.000137	0.00100	1	04/06/2025 21:00	WG2484281
Isopropylbenzene	U		0.000105	0.00100	1	04/06/2025 21:00	WG2484281
p-Isopropyltoluene	U		0.000120	0.00100	1	04/06/2025 21:00	WG2484281
2-Butanone (MEK)	U		0.00119	0.0100	1	04/06/2025 21:00	WG2484281
2-Hexanone	U	C3	0.000787	0.0100	1	04/06/2025 21:00	WG2484281
Methylene Chloride	U		0.000430	0.00500	1	04/06/2025 21:00	WG2484281
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/06/2025 21:00	WG2484281
Methyl tert-butyl ether	U	C3	0.000101	0.00100	1	04/06/2025 21:00	WG2484281
Naphthalene	U	C3	0.00100	0.00500	1	04/06/2025 21:00	WG2484281
n-Propylbenzene	U		0.0000993	0.00100	1	04/06/2025 21:00	WG2484281
Styrene	U	C3	0.000118	0.00100	1	04/06/2025 21:00	WG2484281
tert-Butyl alcohol	U		0.00406	0.00500	1	04/06/2025 21:00	WG2484281
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/06/2025 21:00	WG2484281
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/06/2025 21:00	WG2484281
Tetrachloroethene	U		0.000300	0.00100	1	04/06/2025 21:00	WG2484281
Toluene	U		0.000278	0.00100	1	04/06/2025 21:00	WG2484281
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/06/2025 21:00	WG2484281
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/06/2025 21:00	WG2484281
Trichloroethene	U		0.000190	0.00100	1	04/06/2025 21:00	WG2484281
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/06/2025 21:00	WG2484281
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/06/2025 21:00	WG2484281
Vinyl chloride	U		0.000234	0.00100	1	04/06/2025 21:00	WG2484281
o-Xylene	U		0.000174	0.00100	1	04/06/2025 21:00	WG2484281
m&p-Xylene	U		0.000430	0.00200	1	04/06/2025 21:00	WG2484281
Xylenes, Total	U		0.000174	0.00300	1	04/06/2025 21:00	WG2484281
(S) Toluene-d8	*101*			*80.0-120*		*04/06/2025 21:00*	WG2484281
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*		*04/06/2025 21:00*	WG2484281
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*04/06/2025 21:00*	WG2484281

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.60		0.0605	0.100	1	04/08/2025 16:18	WG2484752
(S) o-Terphenyl	*84.2*			*52.0-156*		*04/08/2025 16:18*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4500		100	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	602		5.47	10.0	10	04/02/2025 22:01	WG2481788
Fluoride	4.36		0.761	1.50	10	04/02/2025 22:01	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 22:01	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 22:01	WG2481788
Sulfate	2110		63.7	500	100	04/02/2025 22:17	WG2481788

Sample Narrative:

L1842529-04 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.180		0.000120	0.00200	1	04/04/2025 01:37	WG2482620
Barium	0.0136		0.000500	0.00200	1	04/04/2025 01:37	WG2482620
Calcium	562		0.0925	1.00	1	04/04/2025 01:37	WG2482620
Chromium	U		0.000900	0.00200	1	04/04/2025 01:37	WG2482620
Iron	4.53		0.0226	0.100	1	04/04/2025 01:37	WG2482620
Lead	U		0.000500	0.00200	1	04/04/2025 01:37	WG2482620
Manganese	1.36		0.000700	0.00500	1	04/04/2025 01:37	WG2482620
Potassium	2.94		0.0965	2.00	1	04/04/2025 01:37	WG2482620
Selenium	0.00495		0.000250	0.00200	1	04/04/2025 01:37	WG2482620
Sodium	494		0.142	2.00	1	04/04/2025 01:37	WG2482620

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 07:31	WG2484373
(S) a,a,a-Trifluorotoluene(FID)	*85.8*			*78.0-120*		*04/07/2025 07:31*	WG2484373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 12:32	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 12:32	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 12:32	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 12:32	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 12:32	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 12:32	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 12:32	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 12:32	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 12:32	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 12:32	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 12:32	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 12:32	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 12:32	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 12:32	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 12:32	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 12:32	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 12:32	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 12:32	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 12:32	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 12:32	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 12:32	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 12:32	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 12:32	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 12:32	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 12:32	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 12:32	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 12:32	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 12:32	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 12:32	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 12:32	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 12:32	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 12:32	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 12:32	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 12:32	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 12:32	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 12:32	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 12:32	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 12:32	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 12:32	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 12:32	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 12:32	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 12:32	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 12:32	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 12:32	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 12:32	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 12:32	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 12:32	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 12:32	WG2484692
(S) Toluene-d8	*102*			*80.0-120*		*04/07/2025 12:32*	WG2484692
(S) 4-Bromofluorobenzene	*92.9*			*77.0-126*		*04/07/2025 12:32*	WG2484692
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*04/07/2025 12:32*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.108		0.0605	0.100	1	04/09/2025 01:07	WG2484752
(S) o-Terphenyl	*76.8*			*52.0-156*		*04/09/2025 01:07*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	11000		200	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3320		54.7	100	100	04/02/2025 22:48	WG2481788
Fluoride	2.86		0.761	1.50	10	04/02/2025 22:33	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 22:33	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 22:33	WG2481788
Sulfate	3690		63.7	500	100	04/02/2025 22:48	WG2481788

Sample Narrative:

L1842529-05 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00735	J	0.000600	0.0100	5	04/04/2025 02:36	WG2482620
Barium	0.0331		0.00250	0.0100	5	04/04/2025 02:36	WG2482620
Calcium	756		0.462	5.00	5	04/04/2025 02:36	WG2482620
Chromium	U		0.00450	0.0100	5	04/04/2025 02:36	WG2482620
Iron	8.97		0.113	0.500	5	04/04/2025 02:36	WG2482620
Lead	U		0.00250	0.0100	5	04/04/2025 02:36	WG2482620
Manganese	1.77		0.00350	0.0250	5	04/04/2025 02:36	WG2482620
Potassium	5.57	J	0.482	10.0	5	04/04/2025 02:36	WG2482620
Selenium	U		0.00125	0.0100	5	04/04/2025 02:36	WG2482620
Sodium	2170		0.710	10.0	5	04/04/2025 02:36	WG2482620

Sample Narrative:

L1842529-05 WG2482620: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 07:55	WG2484373
(S) a,a,a-Trifluorotoluene(FID)	*85.8*			*78.0-120*		*04/07/2025 07:55*	WG2484373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 12:52	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 12:52	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 12:52	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 12:52	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 12:52	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 12:52	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 12:52	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 12:52	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 12:52	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 12:52	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 12:52	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 12:52	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 12:52	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/07/2025 12:52	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 12:52	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 12:52	WG2484692
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 12:52	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 12:52	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 12:52	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 12:52	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 12:52	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 12:52	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 12:52	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 12:52	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 12:52	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 12:52	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 12:52	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 12:52	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 12:52	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 12:52	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 12:52	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 12:52	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 12:52	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 12:52	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 12:52	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 12:52	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 12:52	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 12:52	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 12:52	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 12:52	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 12:52	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 12:52	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 12:52	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 12:52	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 12:52	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 12:52	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 12:52	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 12:52	WG2484692
(S) Toluene-d8	*103*			*80.0-120*		*04/07/2025 12:52*	WG2484692
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*04/07/2025 12:52*	WG2484692
(S) 1,2-Dichloroethane-d4	*94.4*			*70.0-130*		*04/07/2025 12:52*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.421		0.0605	0.100	1	04/08/2025 17:05	WG2484752
(S) o-Terphenyl	*81.1*			*52.0-156*		*04/08/2025 17:05*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5350		100	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1030		54.7	100	100	04/02/2025 23:51	WG2481788
Fluoride	5.65		0.761	1.50	10	04/02/2025 23:35	WG2481788
Nitrate as (N)	14.6		0.884	1.00	10	04/02/2025 23:35	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 23:35	WG2481788
Sulfate	2160		63.7	500	100	04/02/2025 23:51	WG2481788

Sample Narrative:

L1842529-06 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00886		0.000120	0.00200	1	04/04/2025 01:46	WG2482620
Barium	0.0153		0.000500	0.00200	1	04/04/2025 01:46	WG2482620
Calcium	494		0.0925	1.00	1	04/04/2025 01:46	WG2482620
Chromium	U		0.000900	0.00200	1	04/04/2025 01:46	WG2482620
Iron	0.0248	J	0.0226	0.100	1	04/04/2025 01:46	WG2482620
Lead	U		0.000500	0.00200	1	04/04/2025 01:46	WG2482620
Manganese	0.0328		0.000700	0.00500	1	04/04/2025 01:46	WG2482620
Potassium	6.25		0.0965	2.00	1	04/04/2025 01:46	WG2482620
Selenium	0.0244		0.000250	0.00200	1	04/04/2025 01:46	WG2482620
Sodium	969		0.142	2.00	1	04/04/2025 01:46	WG2482620

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 08:18	WG2484373
(S) a,a,a-Trifluorotoluene(FID)	*85.6*			*78.0-120*		*04/07/2025 08:18*	WG2484373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 13:11	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 13:11	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 13:11	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 13:11	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 13:11	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 13:11	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 13:11	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 13:11	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 13:11	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 13:11	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 13:11	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 13:11	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 13:11	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 13:11	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 13:11	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 13:11	WG2484692

MW-01
Collected date/time: 04/01/25 11:10
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 13:11	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 13:11	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 13:11	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 13:11	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 13:11	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 13:11	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 13:11	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 13:11	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 13:11	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 13:11	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 13:11	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 13:11	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 13:11	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 13:11	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 13:11	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 13:11	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 13:11	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 13:11	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 13:11	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 13:11	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 13:11	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 13:11	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 13:11	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 13:11	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 13:11	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 13:11	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 13:11	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 13:11	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 13:11	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 13:11	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 13:11	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 13:11	WG2484692
(S) Toluene-d8	*101*			*80.0-120*		*04/07/2025 13:11*	WG2484692
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*		*04/07/2025 13:11*	WG2484692
(S) 1,2-Dichloroethane-d4	*97.0*			*70.0-130*		*04/07/2025 13:11*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.95		0.0605	0.100	1	04/08/2025 18:37	WG2484752
(S) o-Terphenyl	*87.4*			*52.0-156*		*04/08/2025 18:37*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5640		100	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1370		54.7	100	100	04/03/2025 00:22	WG2481788
Fluoride	2.69		0.761	1.50	10	04/03/2025 00:06	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 00:06	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 00:06	WG2481788
Sulfate	2090		63.7	500	100	04/03/2025 00:22	WG2481788

Sample Narrative:

L1842529-07 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00405		0.000120	0.00200	1	04/04/2025 01:49	WG2482620
Barium	0.0142		0.000500	0.00200	1	04/04/2025 01:49	WG2482620
Calcium	627		0.0925	1.00	1	04/04/2025 01:49	WG2482620
Chromium	U		0.000900	0.00200	1	04/04/2025 01:49	WG2482620
Iron	0.230		0.0226	0.100	1	04/04/2025 01:49	WG2482620
Lead	U		0.000500	0.00200	1	04/04/2025 01:49	WG2482620
Manganese	0.0695		0.000700	0.00500	1	04/04/2025 01:49	WG2482620
Potassium	2.85		0.0965	2.00	1	04/04/2025 01:49	WG2482620
Selenium	0.00325		0.000250	0.00200	1	04/04/2025 01:49	WG2482620
Sodium	887		0.142	2.00	1	04/04/2025 01:49	WG2482620

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 08:41	WG2484373
(S) a,a,a-Trifluorotoluene(FID)	*86.0*			*78.0-120*		*04/07/2025 08:41*	WG2484373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 13:31	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 13:31	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 13:31	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 13:31	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 13:31	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 13:31	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 13:31	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 13:31	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 13:31	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 13:31	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 13:31	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 13:31	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 13:31	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 13:31	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 13:31	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 13:31	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 13:31	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 13:31	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 13:31	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 13:31	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 13:31	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 13:31	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 13:31	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 13:31	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 13:31	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 13:31	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 13:31	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 13:31	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 13:31	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 13:31	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 13:31	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 13:31	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 13:31	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 13:31	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 13:31	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 13:31	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 13:31	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 13:31	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 13:31	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 13:31	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 13:31	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 13:31	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 13:31	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 13:31	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 13:31	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 13:31	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 13:31	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 13:31	WG2484692
(S) Toluene-d8	*102*			*80.0-120*		*04/07/2025 13:31*	WG2484692
(S) 4-Bromofluorobenzene	*94.4*			*77.0-126*		*04/07/2025 13:31*	WG2484692
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*04/07/2025 13:31*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.142		0.0605	0.100	1	04/08/2025 19:00	WG2484752
(S) o-Terphenyl	*81.6*			*52.0-156*		*04/08/2025 19:00*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6080		100	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1630		54.7	100	100	04/03/2025 00:53	WG2481788
Fluoride	5.42		0.761	1.50	10	04/03/2025 00:37	WG2481788
Nitrate as (N)	2.31		0.884	1.00	10	04/03/2025 00:37	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 00:37	WG2481788
Sulfate	2130		63.7	500	100	04/03/2025 00:53	WG2481788

Sample Narrative:

L1842529-08 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00570		0.000120	0.00200	1	04/04/2025 01:52	WG2482620
Barium	0.0141		0.000500	0.00200	1	04/04/2025 01:52	WG2482620
Calcium	682		0.0925	1.00	1	04/04/2025 01:52	WG2482620
Chromium	U		0.000900	0.00200	1	04/04/2025 01:52	WG2482620
Iron	0.0577	J	0.0226	0.100	1	04/04/2025 01:52	WG2482620
Lead	U		0.000500	0.00200	1	04/04/2025 01:52	WG2482620
Manganese	0.0335		0.000700	0.00500	1	04/04/2025 01:52	WG2482620
Potassium	7.27		0.0965	2.00	1	04/04/2025 01:52	WG2482620
Selenium	0.0331		0.000250	0.00200	1	04/04/2025 01:52	WG2482620
Sodium	961		0.142	2.00	1	04/04/2025 01:52	WG2482620

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 09:04	WG2484373
(S) a,a,a-Trifluorotoluene(FID)	*86.4*			*78.0-120*		*04/07/2025 09:04*	WG2484373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 13:51	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 13:51	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 13:51	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 13:51	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 13:51	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 13:51	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 13:51	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 13:51	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 13:51	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 13:51	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 13:51	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 13:51	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 13:51	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 13:51	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 13:51	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 13:51	WG2484692

MW-75
Collected date/time: 04/01/25 12:30
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 13:51	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 13:51	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 13:51	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 13:51	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 13:51	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 13:51	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 13:51	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 13:51	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 13:51	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 13:51	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 13:51	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 13:51	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 13:51	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 13:51	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 13:51	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 13:51	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 13:51	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 13:51	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 13:51	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 13:51	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 13:51	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 13:51	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 13:51	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 13:51	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 13:51	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 13:51	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 13:51	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 13:51	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 13:51	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 13:51	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 13:51	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 13:51	WG2484692
(S) Toluene-d8	*101*			*80.0-120*		*04/07/2025 13:51*	WG2484692
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*		*04/07/2025 13:51*	WG2484692
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*04/07/2025 13:51*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.435		0.0605	0.100	1	04/08/2025 19:23	WG2484752
(S) o-Terphenyl	*86.3*			*52.0-156*		*04/08/2025 19:23*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	15800		400	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	5340		54.7	100	100	04/03/2025 01:24	WG2481788
Fluoride	2.30		0.761	1.50	10	04/03/2025 01:09	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 01:09	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 01:09	WG2481788
Sulfate	5380		63.7	500	100	04/03/2025 01:24	WG2481788

Sample Narrative:

L1842529-09 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00663	J	0.000600	0.0100	5	04/04/2025 01:56	WG2482620
Barium	0.0161		0.00250	0.0100	5	04/04/2025 01:56	WG2482620
Calcium	680		0.462	5.00	5	04/04/2025 01:56	WG2482620
Chromium	U		0.00450	0.0100	5	04/04/2025 01:56	WG2482620
Iron	U		0.113	0.500	5	04/04/2025 01:56	WG2482620
Lead	U		0.00250	0.0100	5	04/04/2025 01:56	WG2482620
Manganese	0.0827		0.00350	0.0250	5	04/04/2025 01:56	WG2482620
Potassium	4.35	J	0.482	10.0	5	04/04/2025 01:56	WG2482620
Selenium	0.0127		0.00125	0.0100	5	04/04/2025 01:56	WG2482620
Sodium	3470		0.710	10.0	5	04/04/2025 01:56	WG2482620

Sample Narrative:

L1842529-09 WG2482620: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 09:28	WG2484373
(S) a,a,a-Trifluorotoluene(FID)	*86.3*			*78.0-120*		*04/07/2025 09:28*	WG2484373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 14:11	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 14:11	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 14:11	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 14:11	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 14:11	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 14:11	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 14:11	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 14:11	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 14:11	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 14:11	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 14:11	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 14:11	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 14:11	WG2484692

MW-2A
Collected date/time: 04/01/25 14:00
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/07/2025 14:11	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 14:11	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 14:11	WG2484692
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 14:11	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 14:11	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 14:11	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 14:11	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 14:11	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 14:11	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 14:11	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 14:11	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 14:11	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 14:11	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 14:11	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 14:11	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 14:11	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 14:11	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 14:11	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 14:11	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 14:11	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 14:11	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 14:11	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 14:11	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 14:11	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 14:11	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 14:11	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 14:11	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 14:11	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 14:11	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 14:11	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 14:11	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 14:11	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 14:11	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 14:11	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 14:11	WG2484692
(S) Toluene-d8	*102*			*80.0-120*		*04/07/2025 14:11*	WG2484692
(S) 4-Bromofluorobenzene	*94.7*			*77.0-126*		*04/07/2025 14:11*	WG2484692
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*		*04/07/2025 14:11*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/08/2025 19:47	WG2484752
(S) o-Terphenyl	*78.4*			*52.0-156*		*04/08/2025 19:47*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	10100		200	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3580		54.7	100	100	04/03/2025 01:55	WG2481788
Fluoride	6.96		0.761	1.50	10	04/03/2025 01:40	WG2481788
Nitrate as (N)	2.13		0.884	1.00	10	04/03/2025 01:40	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 01:40	WG2481788
Sulfate	3150		63.7	500	100	04/03/2025 01:55	WG2481788

Sample Narrative:

L1842529-10 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00805	J	0.000600	0.0100	5	04/04/2025 01:59	WG2482620
Barium	0.00866	J	0.00250	0.0100	5	04/04/2025 01:59	WG2482620
Calcium	735		0.462	5.00	5	04/04/2025 01:59	WG2482620
Chromium	U		0.00450	0.0100	5	04/04/2025 01:59	WG2482620
Iron	U		0.113	0.500	5	04/04/2025 01:59	WG2482620
Lead	U		0.00250	0.0100	5	04/04/2025 01:59	WG2482620
Manganese	0.0436		0.00350	0.0250	5	04/04/2025 01:59	WG2482620
Potassium	8.42	J	0.482	10.0	5	04/04/2025 01:59	WG2482620
Selenium	0.0133		0.00125	0.0100	5	04/04/2025 01:59	WG2482620
Sodium	2120		0.710	10.0	5	04/04/2025 01:59	WG2482620

Sample Narrative:

L1842529-10 WG2482620: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0360	B J	0.0314	0.100	1	04/07/2025 02:01	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*93.8*			*78.0-120*		*04/07/2025 02:01*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 14:31	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 14:31	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 14:31	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 14:31	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 14:31	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 14:31	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 14:31	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 14:31	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 14:31	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 14:31	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 14:31	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 14:31	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 14:31	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/07/2025 14:31	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 14:31	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 14:31	WG2484692
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 14:31	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 14:31	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 14:31	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 14:31	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 14:31	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 14:31	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 14:31	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 14:31	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 14:31	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 14:31	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 14:31	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 14:31	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 14:31	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 14:31	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 14:31	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 14:31	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 14:31	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 14:31	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 14:31	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 14:31	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 14:31	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 14:31	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 14:31	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 14:31	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 14:31	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 14:31	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 14:31	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 14:31	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 14:31	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 14:31	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 14:31	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 14:31	WG2484692
(S) Toluene-d8	*99.6*			*80.0-120*		*04/07/2025 14:31*	WG2484692
(S) 4-Bromofluorobenzene	*91.6*			*77.0-126*		*04/07/2025 14:31*	WG2484692
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*		*04/07/2025 14:31*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.216		0.0605	0.100	1	04/08/2025 20:10	WG2484752
(S) o-Terphenyl	*83.7*			*52.0-156*		*04/08/2025 20:10*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U	J3	0.547	1.00	1	04/03/2025 02:42	WG2481788
Fluoride	0.0870	J J3	0.0761	0.150	1	04/03/2025 02:42	WG2481788
Nitrate as (N)	U	J3	0.0884	0.100	1	04/03/2025 02:42	WG2481788
Nitrite as (N)	U	J3	0.0794	0.100	1	04/03/2025 02:42	WG2481788
Sulfate	0.670	J P1	0.637	5.00	1	04/03/2025 02:42	WG2481788

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	04/08/2025 22:12	WG2483124
Barium	U		0.000500	0.00200	1	04/08/2025 22:12	WG2483124
Calcium	U		0.0925	1.00	1	04/08/2025 22:12	WG2483124
Chromium	U		0.000900	0.00200	1	04/08/2025 22:12	WG2483124
Iron	U		0.0226	0.100	1	04/08/2025 22:12	WG2483124
Lead	U		0.000500	0.00200	1	04/08/2025 22:12	WG2483124
Manganese	U		0.000700	0.00500	1	04/08/2025 22:12	WG2483124
Potassium	U		0.0965	2.00	1	04/08/2025 22:12	WG2483124
Selenium	U		0.000250	0.00200	1	04/08/2025 22:12	WG2483124
Sodium	1.59	J J3	0.142	2.00	1	04/08/2025 22:12	WG2483124

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0374	B J	0.0314	0.100	1	04/07/2025 01:39	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*98.6*			*78.0-120*		*04/07/2025 01:39*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 11:52	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 11:52	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 11:52	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 11:52	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 11:52	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 11:52	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 11:52	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 11:52	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 11:52	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 11:52	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 11:52	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 11:52	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 11:52	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 11:52	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 11:52	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 11:52	WG2484692
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 11:52	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 11:52	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 11:52	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 11:52	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 11:52	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 11:52	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 11:52	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 11:52	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 11:52	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 11:52	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 11:52	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 11:52	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 11:52	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 11:52	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 11:52	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 11:52	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 11:52	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 11:52	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 11:52	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 11:52	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 11:52	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 11:52	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 11:52	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 11:52	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 11:52	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 11:52	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 11:52	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 11:52	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 11:52	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 11:52	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 11:52	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 11:52	WG2484692
(S) Toluene-d8	*108*			*80.0-120*		*04/07/2025 11:52*	WG2484692
(S) 4-Bromofluorobenzene	*87.2*			*77.0-126*		*04/07/2025 11:52*	WG2484692
(S) 1,2-Dichloroethane-d4	*68.6*	J2		*70.0-130*		*04/07/2025 11:52*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/08/2025 20:33	WG2484752
(S) o-Terphenyl	*81.1*			*52.0-156*		*04/08/2025 20:33*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6720		100	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1670		54.7	100	100	04/03/2025 04:00	WG2481788
Fluoride	1.50		0.761	1.50	10	04/03/2025 03:44	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 03:44	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 03:44	WG2481788
Sulfate	2510		63.7	500	100	04/03/2025 04:00	WG2481788

Sample Narrative:

L1842529-12 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00652	J	0.000600	0.0100	5	04/09/2025 00:10	WG2483124
Barium	0.0162		0.00250	0.0100	5	04/09/2025 00:10	WG2483124
Calcium	676		0.462	5.00	5	04/09/2025 00:10	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 00:10	WG2483124
Iron	0.185	J	0.113	0.500	5	04/09/2025 00:10	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 00:10	WG2483124
Manganese	2.27		0.00350	0.0250	5	04/09/2025 00:10	WG2483124
Potassium	1.91	J	0.482	10.0	5	04/09/2025 00:10	WG2483124
Selenium	U		0.00125	0.0100	5	04/09/2025 00:10	WG2483124
Sodium	1150		0.710	10.0	5	04/09/2025 00:10	WG2483124

Sample Narrative:

L1842529-12 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0592	B J	0.0314	0.100	1	04/07/2025 02:23	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*95.1*			*78.0-120*		*04/07/2025 02:23*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/07/2025 14:52	WG2484715
Benzene	U		0.0000941	0.00100	1	04/07/2025 14:52	WG2484715
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 14:52	WG2484715
Bromoform	U		0.000129	0.00100	1	04/07/2025 14:52	WG2484715
Bromomethane	U	C3	0.000605	0.00500	1	04/07/2025 14:52	WG2484715
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 14:52	WG2484715
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 14:52	WG2484715
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 14:52	WG2484715
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 14:52	WG2484715
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 14:52	WG2484715
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 14:52	WG2484715
Chloroethane	U	C3	0.000192	0.00500	1	04/07/2025 14:52	WG2484715
Chloroform	U		0.000111	0.00500	1	04/07/2025 14:52	WG2484715

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U	C3	0.000960	0.00250	1	04/07/2025 14:52	WG2484715
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 14:52	WG2484715
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 14:52	WG2484715
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 14:52	WG2484715
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 14:52	WG2484715
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 14:52	WG2484715
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 14:52	WG2484715
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 14:52	WG2484715
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 14:52	WG2484715
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 14:52	WG2484715
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 14:52	WG2484715
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 14:52	WG2484715
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 14:52	WG2484715
2-Butanone (MEK)	U		0.00119	0.0100	1	04/07/2025 14:52	WG2484715
2-Hexanone	U		0.000787	0.0100	1	04/07/2025 14:52	WG2484715
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 14:52	WG2484715
4-Methyl-2-pentanone (MIBK)	U	J4	0.000478	0.0100	1	04/07/2025 14:52	WG2484715
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 14:52	WG2484715
Naphthalene	U		0.00100	0.00500	1	04/07/2025 14:52	WG2484715
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 14:52	WG2484715
Styrene	U		0.000118	0.00100	1	04/07/2025 14:52	WG2484715
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 14:52	WG2484715
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 14:52	WG2484715
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 14:52	WG2484715
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 14:52	WG2484715
Toluene	U		0.000278	0.00100	1	04/07/2025 14:52	WG2484715
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 14:52	WG2484715
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 14:52	WG2484715
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 14:52	WG2484715
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 14:52	WG2484715
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 14:52	WG2484715
Vinyl chloride	U	C3	0.000234	0.00100	1	04/07/2025 14:52	WG2484715
o-Xylene	U		0.000174	0.00100	1	04/07/2025 14:52	WG2484715
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 14:52	WG2484715
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 14:52	WG2484715
(S) Toluene-d8	*106*			*80.0-120*		*04/07/2025 14:52*	WG2484715
(S) 4-Bromofluorobenzene	*91.8*			*77.0-126*		*04/07/2025 14:52*	WG2484715
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*04/07/2025 14:52*	WG2484715

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.478		0.0605	0.100	1	04/08/2025 20:56	WG2484752
(S) o-Terphenyl	*87.4*			*52.0-156*		*04/08/2025 20:56*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	30900		400	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	12000		274	500	500	04/03/2025 04:31	WG2481788
Fluoride	6.38	J	3.80	7.50	50	04/03/2025 04:16	WG2481788
Nitrate as (N)	U		4.42	5.00	50	04/03/2025 04:16	WG2481788
Nitrite as (N)	U		3.97	5.00	50	04/03/2025 04:16	WG2481788
Sulfate	8040		318	2500	500	04/03/2025 04:31	WG2481788

Sample Narrative:

L1842529-13 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0309		0.00120	0.0200	10	04/08/2025 22:29	WG2483124
Barium	0.0199	J	0.00500	0.0200	10	04/08/2025 22:29	WG2483124
Calcium	692		0.925	10.0	10	04/08/2025 22:29	WG2483124
Chromium	U		0.00900	0.0200	10	04/08/2025 22:29	WG2483124
Iron	U		0.226	1.00	10	04/08/2025 22:29	WG2483124
Lead	U		0.00500	0.0200	10	04/08/2025 22:29	WG2483124
Manganese	0.0577		0.00700	0.0500	10	04/08/2025 22:29	WG2483124
Potassium	5.33	J	0.965	20.0	10	04/08/2025 22:29	WG2483124
Selenium	0.0286		0.00250	0.0200	10	04/08/2025 22:29	WG2483124
Sodium	7630		1.42	20.0	10	04/08/2025 22:29	WG2483124

Sample Narrative:

L1842529-13 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.465		0.0314	0.100	1	04/07/2025 02:45	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*95.6*			*78.0-120*		*04/07/2025 02:45*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 03:54	WG2486750
Benzene	U		0.0000941	0.00100	1	04/10/2025 03:54	WG2486750
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 03:54	WG2486750
Bromoform	U		0.000129	0.00100	1	04/10/2025 03:54	WG2486750
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 03:54	WG2486750
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 03:54	WG2486750
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 03:54	WG2486750
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 03:54	WG2486750
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 03:54	WG2486750
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 03:54	WG2486750
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 03:54	WG2486750
Chloroethane	U		0.000192	0.00500	1	04/10/2025 03:54	WG2486750
Chloroform	U		0.000111	0.00500	1	04/10/2025 03:54	WG2486750

MW-22A
Collected date/time: 04/01/25 09:10
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/10/2025 03:54	WG2486750
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 03:54	WG2486750
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 03:54	WG2486750
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 03:54	WG2486750
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 03:54	WG2486750
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 03:54	WG2486750
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 03:54	WG2486750
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 03:54	WG2486750
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 03:54	WG2486750
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 03:54	WG2486750
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 03:54	WG2486750
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 03:54	WG2486750
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 03:54	WG2486750
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 03:54	WG2486750
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 03:54	WG2486750
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 03:54	WG2486750
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 03:54	WG2486750
Methyl tert-butyl ether	0.000905	J	0.000101	0.00100	1	04/10/2025 03:54	WG2486750
Naphthalene	U		0.00100	0.00500	1	04/10/2025 03:54	WG2486750
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 03:54	WG2486750
Styrene	U		0.000118	0.00100	1	04/10/2025 03:54	WG2486750
tert-Butyl alcohol	0.00802		0.00406	0.00500	1	04/10/2025 03:54	WG2486750
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 03:54	WG2486750
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 03:54	WG2486750
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 03:54	WG2486750
Toluene	U		0.000278	0.00100	1	04/10/2025 03:54	WG2486750
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 03:54	WG2486750
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 03:54	WG2486750
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 03:54	WG2486750
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 03:54	WG2486750
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 03:54	WG2486750
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 03:54	WG2486750
o-Xylene	U		0.000174	0.00100	1	04/10/2025 03:54	WG2486750
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 03:54	WG2486750
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 03:54	WG2486750
(S) Toluene-d8	*102*			*80.0-120*		*04/10/2025 03:54*	WG2486750
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*		*04/10/2025 03:54*	WG2486750
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*04/10/2025 03:54*	WG2486750

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.08		0.0605	0.100	1	04/08/2025 21:19	WG2484752
(S) o-Terphenyl	*85.8*			*52.0-156*		*04/08/2025 21:19*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5390		100	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1170		54.7	100	100	04/03/2025 05:02	WG2481788
Fluoride	1.23	J	0.761	1.50	10	04/03/2025 04:47	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 04:47	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 04:47	WG2481788
Sulfate	2010		63.7	500	100	04/03/2025 05:02	WG2481788

Sample Narrative:

L1842529-14 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0279		0.000600	0.0100	5	04/09/2025 01:10	WG2483124
Barium	0.0131		0.00250	0.0100	5	04/09/2025 01:10	WG2483124
Calcium	494		0.462	5.00	5	04/09/2025 01:10	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 01:10	WG2483124
Iron	2.03		0.113	0.500	5	04/09/2025 01:10	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 01:10	WG2483124
Manganese	5.47		0.00350	0.0250	5	04/09/2025 01:10	WG2483124
Potassium	4.26	J	0.482	10.0	5	04/09/2025 01:10	WG2483124
Selenium	U		0.00125	0.0100	5	04/09/2025 01:10	WG2483124
Sodium	1210		0.710	10.0	5	04/09/2025 01:10	WG2483124

Sample Narrative:

L1842529-14 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.921		0.0314	0.100	1	04/08/2025 02:51	WG2485001
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*78.0-120*		*04/08/2025 02:51*	WG2485001

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/08/2025 17:44	WG2485473
Benzene	U		0.0000941	0.00100	1	04/08/2025 17:44	WG2485473
Bromodichloromethane	U		0.000136	0.00100	1	04/08/2025 17:44	WG2485473
Bromoform	U		0.000129	0.00100	1	04/08/2025 17:44	WG2485473
Bromomethane	U	J3	0.000605	0.00500	1	04/08/2025 17:44	WG2485473
n-Butylbenzene	U		0.000157	0.00100	1	04/08/2025 17:44	WG2485473
sec-Butylbenzene	0.000325	J	0.000125	0.00100	1	04/08/2025 17:44	WG2485473
Carbon disulfide	U		0.0000962	0.00100	1	04/08/2025 17:44	WG2485473
Carbon tetrachloride	U		0.000128	0.00100	1	04/08/2025 17:44	WG2485473
Chlorobenzene	U		0.000116	0.00100	1	04/08/2025 17:44	WG2485473
Chlorodibromomethane	U		0.000140	0.00100	1	04/08/2025 17:44	WG2485473
Chloroethane	U		0.000192	0.00500	1	04/08/2025 17:44	WG2485473
Chloroform	U		0.000111	0.00500	1	04/08/2025 17:44	WG2485473

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/08/2025 17:44	WG2485473
1,2-Dibromoethane	U		0.000126	0.00100	1	04/08/2025 17:44	WG2485473
1,1-Dichloroethane	U		0.000100	0.00100	1	04/08/2025 17:44	WG2485473
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/08/2025 17:44	WG2485473
1,1-Dichloroethene	U		0.000188	0.00100	1	04/08/2025 17:44	WG2485473
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/08/2025 17:44	WG2485473
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/08/2025 17:44	WG2485473
1,2-Dichloropropane	U		0.000149	0.00100	1	04/08/2025 17:44	WG2485473
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/08/2025 17:44	WG2485473
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/08/2025 17:44	WG2485473
Ethylbenzene	U		0.000137	0.00100	1	04/08/2025 17:44	WG2485473
Isopropylbenzene	U		0.000105	0.00100	1	04/08/2025 17:44	WG2485473
p-Isopropyltoluene	U		0.000120	0.00100	1	04/08/2025 17:44	WG2485473
2-Butanone (MEK)	U		0.00119	0.0100	1	04/08/2025 17:44	WG2485473
2-Hexanone	U		0.000787	0.0100	1	04/08/2025 17:44	WG2485473
Methylene Chloride	U		0.000430	0.00500	1	04/08/2025 17:44	WG2485473
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/08/2025 17:44	WG2485473
Methyl tert-butyl ether	0.00306		0.000101	0.00100	1	04/08/2025 17:44	WG2485473
Naphthalene	U		0.00100	0.00500	1	04/08/2025 17:44	WG2485473
n-Propylbenzene	U		0.0000993	0.00100	1	04/08/2025 17:44	WG2485473
Styrene	U		0.000118	0.00100	1	04/08/2025 17:44	WG2485473
tert-Butyl alcohol	0.0174		0.00406	0.00500	1	04/08/2025 17:44	WG2485473
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/08/2025 17:44	WG2485473
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/08/2025 17:44	WG2485473
Tetrachloroethene	U		0.000300	0.00100	1	04/08/2025 17:44	WG2485473
Toluene	U		0.000278	0.00100	1	04/08/2025 17:44	WG2485473
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/08/2025 17:44	WG2485473
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/08/2025 17:44	WG2485473
Trichloroethene	U		0.000190	0.00100	1	04/08/2025 17:44	WG2485473
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/08/2025 17:44	WG2485473
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/08/2025 17:44	WG2485473
Vinyl chloride	U		0.000234	0.00100	1	04/08/2025 17:44	WG2485473
o-Xylene	U		0.000174	0.00100	1	04/08/2025 17:44	WG2485473
m&p-Xylene	U		0.000430	0.00200	1	04/08/2025 17:44	WG2485473
Xylenes, Total	U		0.000174	0.00300	1	04/08/2025 17:44	WG2485473
(S) Toluene-d8	*103*			*80.0-120*		*04/08/2025 17:44*	WG2485473
(S) 4-Bromofluorobenzene	*115*			*77.0-126*		*04/08/2025 17:44*	WG2485473
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*		*04/08/2025 17:44*	WG2485473

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.68		0.0605	0.100	1	04/08/2025 21:41	WG2484752
(S) o-Terphenyl	*87.4*			*52.0-156*		*04/08/2025 21:41*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	10300		200	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2650		54.7	100	100	04/03/2025 05:34	WG2481788
Fluoride	1.94		0.761	1.50	10	04/03/2025 05:18	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 05:18	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 05:18	WG2481788
Sulfate	2250		63.7	500	100	04/03/2025 05:34	WG2481788

Sample Narrative:

L1842529-15 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0218		0.000600	0.0100	5	04/09/2025 01:13	WG2483124
Barium	0.0224		0.00250	0.0100	5	04/09/2025 01:13	WG2483124
Calcium	780		0.462	5.00	5	04/09/2025 01:13	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 01:13	WG2483124
Iron	1.21		0.113	0.500	5	04/09/2025 01:13	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 01:13	WG2483124
Manganese	2.94		0.00350	0.0250	5	04/09/2025 01:13	WG2483124
Potassium	3.05	J	0.482	10.0	5	04/09/2025 01:13	WG2483124
Selenium	U		0.00125	0.0100	5	04/09/2025 01:13	WG2483124
Sodium	2120		0.710	10.0	5	04/09/2025 01:13	WG2483124

Sample Narrative:

L1842529-15 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.745		0.0314	0.100	1	04/07/2025 03:06	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*94.3*			*78.0-120*		*04/07/2025 03:06*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/08/2025 18:06	WG2485473
Benzene	U		0.0000941	0.00100	1	04/08/2025 18:06	WG2485473
Bromodichloromethane	U		0.000136	0.00100	1	04/08/2025 18:06	WG2485473
Bromoform	U		0.000129	0.00100	1	04/08/2025 18:06	WG2485473
Bromomethane	U	J3	0.000605	0.00500	1	04/08/2025 18:06	WG2485473
n-Butylbenzene	U		0.000157	0.00100	1	04/08/2025 18:06	WG2485473
sec-Butylbenzene	U		0.000125	0.00100	1	04/08/2025 18:06	WG2485473
Carbon disulfide	U		0.0000962	0.00100	1	04/08/2025 18:06	WG2485473
Carbon tetrachloride	U		0.000128	0.00100	1	04/08/2025 18:06	WG2485473
Chlorobenzene	U		0.000116	0.00100	1	04/08/2025 18:06	WG2485473
Chlorodibromomethane	U		0.000140	0.00100	1	04/08/2025 18:06	WG2485473
Chloroethane	U		0.000192	0.00500	1	04/08/2025 18:06	WG2485473
Chloroform	U		0.000111	0.00500	1	04/08/2025 18:06	WG2485473

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/08/2025 18:06	WG2485473
1,2-Dibromoethane	U		0.000126	0.00100	1	04/08/2025 18:06	WG2485473
1,1-Dichloroethane	U		0.000100	0.00100	1	04/08/2025 18:06	WG2485473
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/08/2025 18:06	WG2485473
1,1-Dichloroethene	U		0.000188	0.00100	1	04/08/2025 18:06	WG2485473
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/08/2025 18:06	WG2485473
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/08/2025 18:06	WG2485473
1,2-Dichloropropane	U		0.000149	0.00100	1	04/08/2025 18:06	WG2485473
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/08/2025 18:06	WG2485473
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/08/2025 18:06	WG2485473
Ethylbenzene	U		0.000137	0.00100	1	04/08/2025 18:06	WG2485473
Isopropylbenzene	U		0.000105	0.00100	1	04/08/2025 18:06	WG2485473
p-Isopropyltoluene	U		0.000120	0.00100	1	04/08/2025 18:06	WG2485473
2-Butanone (MEK)	U		0.00119	0.0100	1	04/08/2025 18:06	WG2485473
2-Hexanone	U		0.000787	0.0100	1	04/08/2025 18:06	WG2485473
Methylene Chloride	U		0.000430	0.00500	1	04/08/2025 18:06	WG2485473
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/08/2025 18:06	WG2485473
Methyl tert-butyl ether	0.000634	J	0.000101	0.00100	1	04/08/2025 18:06	WG2485473
Naphthalene	U		0.00100	0.00500	1	04/08/2025 18:06	WG2485473
n-Propylbenzene	U		0.0000993	0.00100	1	04/08/2025 18:06	WG2485473
Styrene	U		0.000118	0.00100	1	04/08/2025 18:06	WG2485473
tert-Butyl alcohol	U		0.00406	0.00500	1	04/08/2025 18:06	WG2485473
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/08/2025 18:06	WG2485473
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/08/2025 18:06	WG2485473
Tetrachloroethene	U		0.000300	0.00100	1	04/08/2025 18:06	WG2485473
Toluene	U		0.000278	0.00100	1	04/08/2025 18:06	WG2485473
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/08/2025 18:06	WG2485473
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/08/2025 18:06	WG2485473
Trichloroethene	U		0.000190	0.00100	1	04/08/2025 18:06	WG2485473
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/08/2025 18:06	WG2485473
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/08/2025 18:06	WG2485473
Vinyl chloride	U		0.000234	0.00100	1	04/08/2025 18:06	WG2485473
o-Xylene	U		0.000174	0.00100	1	04/08/2025 18:06	WG2485473
m&p-Xylene	U		0.000430	0.00200	1	04/08/2025 18:06	WG2485473
Xylenes, Total	U		0.000174	0.00300	1	04/08/2025 18:06	WG2485473
(S) Toluene-d8	*93.6*			*80.0-120*		*04/08/2025 18:06*	WG2485473
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*04/08/2025 18:06*	WG2485473
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*04/08/2025 18:06*	WG2485473

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.27		0.0605	0.100	1	04/08/2025 22:04	WG2484752
(S) o-Terphenyl	*86.8*			*52.0-156*		*04/08/2025 22:04*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5330		100	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1320		54.7	100	100	04/03/2025 06:36	WG2481788
Fluoride	1.32	J	0.761	1.50	10	04/03/2025 05:49	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 05:49	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 05:49	WG2481788
Sulfate	1850		63.7	500	100	04/03/2025 06:36	WG2481788

Sample Narrative:

L1842529-16 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0148		0.000600	0.0100	5	04/09/2025 01:16	WG2483124
Barium	0.0272		0.00250	0.0100	5	04/09/2025 01:16	WG2483124
Calcium	525		0.462	5.00	5	04/09/2025 01:16	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 01:16	WG2483124
Iron	0.127	J	0.113	0.500	5	04/09/2025 01:16	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 01:16	WG2483124
Manganese	3.26		0.00350	0.0250	5	04/09/2025 01:16	WG2483124
Potassium	3.16	J	0.482	10.0	5	04/09/2025 01:16	WG2483124
Selenium	U		0.00125	0.0100	5	04/09/2025 01:16	WG2483124
Sodium	1070		0.710	10.0	5	04/09/2025 01:16	WG2483124

Sample Narrative:

L1842529-16 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.326	B	0.0314	0.100	1	04/07/2025 03:28	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*78.0-120*		*04/07/2025 03:28*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/08/2025 18:27	WG2485473
Benzene	U		0.0000941	0.00100	1	04/08/2025 18:27	WG2485473
Bromodichloromethane	U		0.000136	0.00100	1	04/08/2025 18:27	WG2485473
Bromoform	U		0.000129	0.00100	1	04/08/2025 18:27	WG2485473
Bromomethane	U	J3	0.000605	0.00500	1	04/08/2025 18:27	WG2485473
n-Butylbenzene	U		0.000157	0.00100	1	04/08/2025 18:27	WG2485473
sec-Butylbenzene	U		0.000125	0.00100	1	04/08/2025 18:27	WG2485473
Carbon disulfide	U		0.0000962	0.00100	1	04/08/2025 18:27	WG2485473
Carbon tetrachloride	U		0.000128	0.00100	1	04/08/2025 18:27	WG2485473
Chlorobenzene	U		0.000116	0.00100	1	04/08/2025 18:27	WG2485473
Chlorodibromomethane	U		0.000140	0.00100	1	04/08/2025 18:27	WG2485473
Chloroethane	U		0.000192	0.00500	1	04/08/2025 18:27	WG2485473
Chloroform	U		0.000111	0.00500	1	04/08/2025 18:27	WG2485473

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/08/2025 18:27	WG2485473
1,2-Dibromoethane	U		0.000126	0.00100	1	04/08/2025 18:27	WG2485473
1,1-Dichloroethane	U		0.000100	0.00100	1	04/08/2025 18:27	WG2485473
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/08/2025 18:27	WG2485473
1,1-Dichloroethene	U		0.000188	0.00100	1	04/08/2025 18:27	WG2485473
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/08/2025 18:27	WG2485473
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/08/2025 18:27	WG2485473
1,2-Dichloropropane	U		0.000149	0.00100	1	04/08/2025 18:27	WG2485473
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/08/2025 18:27	WG2485473
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/08/2025 18:27	WG2485473
Ethylbenzene	U		0.000137	0.00100	1	04/08/2025 18:27	WG2485473
Isopropylbenzene	U		0.000105	0.00100	1	04/08/2025 18:27	WG2485473
p-Isopropyltoluene	U		0.000120	0.00100	1	04/08/2025 18:27	WG2485473
2-Butanone (MEK)	U		0.00119	0.0100	1	04/08/2025 18:27	WG2485473
2-Hexanone	U		0.000787	0.0100	1	04/08/2025 18:27	WG2485473
Methylene Chloride	U		0.000430	0.00500	1	04/08/2025 18:27	WG2485473
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/08/2025 18:27	WG2485473
Methyl tert-butyl ether	0.00123		0.000101	0.00100	1	04/08/2025 18:27	WG2485473
Naphthalene	U		0.00100	0.00500	1	04/08/2025 18:27	WG2485473
n-Propylbenzene	U		0.0000993	0.00100	1	04/08/2025 18:27	WG2485473
Styrene	U		0.000118	0.00100	1	04/08/2025 18:27	WG2485473
tert-Butyl alcohol	U		0.00406	0.00500	1	04/08/2025 18:27	WG2485473
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/08/2025 18:27	WG2485473
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/08/2025 18:27	WG2485473
Tetrachloroethene	U		0.000300	0.00100	1	04/08/2025 18:27	WG2485473
Toluene	U		0.000278	0.00100	1	04/08/2025 18:27	WG2485473
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/08/2025 18:27	WG2485473
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/08/2025 18:27	WG2485473
Trichloroethene	U		0.000190	0.00100	1	04/08/2025 18:27	WG2485473
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/08/2025 18:27	WG2485473
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/08/2025 18:27	WG2485473
Vinyl chloride	U		0.000234	0.00100	1	04/08/2025 18:27	WG2485473
o-Xylene	U		0.000174	0.00100	1	04/08/2025 18:27	WG2485473
m&p-Xylene	U		0.000430	0.00200	1	04/08/2025 18:27	WG2485473
Xylenes, Total	U		0.000174	0.00300	1	04/08/2025 18:27	WG2485473
(S) Toluene-d8	*102*			*80.0-120*		*04/08/2025 18:27*	WG2485473
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*04/08/2025 18:27*	WG2485473
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/08/2025 18:27*	WG2485473

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.51		0.0605	0.100	1	04/08/2025 22:27	WG2484752
(S) o-Terphenyl	*92.6*			*52.0-156*		*04/08/2025 22:27*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5950		100	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1340		54.7	100	100	04/03/2025 07:07	WG2481788
Fluoride	2.20		0.761	1.50	10	04/03/2025 06:52	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 06:52	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 06:52	WG2481788
Sulfate	2320		63.7	500	100	04/03/2025 07:07	WG2481788

Sample Narrative:

L1842529-17 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0504		0.000600	0.0100	5	04/09/2025 01:19	WG2483124
Barium	0.0131		0.00250	0.0100	5	04/09/2025 01:19	WG2483124
Calcium	623		0.462	5.00	5	04/09/2025 01:19	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 01:19	WG2483124
Iron	0.556		0.113	0.500	5	04/09/2025 01:19	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 01:19	WG2483124
Manganese	2.52		0.00350	0.0250	5	04/09/2025 01:19	WG2483124
Potassium	4.42	J	0.482	10.0	5	04/09/2025 01:19	WG2483124
Selenium	U		0.00125	0.0100	5	04/09/2025 01:19	WG2483124
Sodium	1050		0.710	10.0	5	04/09/2025 01:19	WG2483124

Sample Narrative:

L1842529-17 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.179	B	0.0314	0.100	1	04/07/2025 03:50	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*97.5*			*78.0-120*		*04/07/2025 03:50*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/08/2025 18:48	WG2485473
Benzene	0.000868	J	0.0000941	0.00100	1	04/08/2025 18:48	WG2485473
Bromodichloromethane	U		0.000136	0.00100	1	04/08/2025 18:48	WG2485473
Bromoform	U		0.000129	0.00100	1	04/08/2025 18:48	WG2485473
Bromomethane	U	J3	0.000605	0.00500	1	04/08/2025 18:48	WG2485473
n-Butylbenzene	U		0.000157	0.00100	1	04/08/2025 18:48	WG2485473
sec-Butylbenzene	U		0.000125	0.00100	1	04/08/2025 18:48	WG2485473
Carbon disulfide	U		0.0000962	0.00100	1	04/08/2025 18:48	WG2485473
Carbon tetrachloride	U		0.000128	0.00100	1	04/08/2025 18:48	WG2485473
Chlorobenzene	U		0.000116	0.00100	1	04/08/2025 18:48	WG2485473
Chlorodibromomethane	U		0.000140	0.00100	1	04/08/2025 18:48	WG2485473
Chloroethane	U		0.000192	0.00500	1	04/08/2025 18:48	WG2485473
Chloroform	U		0.000111	0.00500	1	04/08/2025 18:48	WG2485473

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/08/2025 18:48	WG2485473
1,2-Dibromoethane	U		0.000126	0.00100	1	04/08/2025 18:48	WG2485473
1,1-Dichloroethane	U		0.000100	0.00100	1	04/08/2025 18:48	WG2485473
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/08/2025 18:48	WG2485473
1,1-Dichloroethene	U		0.000188	0.00100	1	04/08/2025 18:48	WG2485473
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/08/2025 18:48	WG2485473
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/08/2025 18:48	WG2485473
1,2-Dichloropropane	U		0.000149	0.00100	1	04/08/2025 18:48	WG2485473
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/08/2025 18:48	WG2485473
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/08/2025 18:48	WG2485473
Ethylbenzene	U		0.000137	0.00100	1	04/08/2025 18:48	WG2485473
Isopropylbenzene	0.000134	J	0.000105	0.00100	1	04/08/2025 18:48	WG2485473
p-Isopropyltoluene	U		0.000120	0.00100	1	04/08/2025 18:48	WG2485473
2-Butanone (MEK)	U		0.00119	0.0100	1	04/08/2025 18:48	WG2485473
2-Hexanone	U		0.000787	0.0100	1	04/08/2025 18:48	WG2485473
Methylene Chloride	U		0.000430	0.00500	1	04/08/2025 18:48	WG2485473
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/08/2025 18:48	WG2485473
Methyl tert-butyl ether	0.000166	J	0.000101	0.00100	1	04/08/2025 18:48	WG2485473
Naphthalene	U		0.00100	0.00500	1	04/08/2025 18:48	WG2485473
n-Propylbenzene	U		0.0000993	0.00100	1	04/08/2025 18:48	WG2485473
Styrene	U		0.000118	0.00100	1	04/08/2025 18:48	WG2485473
tert-Butyl alcohol	0.0168		0.00406	0.00500	1	04/08/2025 18:48	WG2485473
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/08/2025 18:48	WG2485473
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/08/2025 18:48	WG2485473
Tetrachloroethene	U		0.000300	0.00100	1	04/08/2025 18:48	WG2485473
Toluene	U		0.000278	0.00100	1	04/08/2025 18:48	WG2485473
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/08/2025 18:48	WG2485473
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/08/2025 18:48	WG2485473
Trichloroethene	U		0.000190	0.00100	1	04/08/2025 18:48	WG2485473
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/08/2025 18:48	WG2485473
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/08/2025 18:48	WG2485473
Vinyl chloride	U		0.000234	0.00100	1	04/08/2025 18:48	WG2485473
o-Xylene	U		0.000174	0.00100	1	04/08/2025 18:48	WG2485473
m&p-Xylene	U		0.000430	0.00200	1	04/08/2025 18:48	WG2485473
Xylenes, Total	U		0.000174	0.00300	1	04/08/2025 18:48	WG2485473
(S) Toluene-d8	*105*			*80.0-120*		*04/08/2025 18:48*	WG2485473
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/08/2025 18:48*	WG2485473
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/08/2025 18:48*	WG2485473

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.24		0.0605	0.100	1	04/08/2025 22:50	WG2484752
(S) o-Terphenyl	*91.1*			*52.0-156*		*04/08/2025 22:50*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4050		100	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1170		54.7	100	100	04/03/2025 07:38	WG2481788
Fluoride	1.31	J	0.761	1.50	10	04/03/2025 07:23	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 07:23	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 07:23	WG2481788
Sulfate	1260		63.7	500	100	04/03/2025 07:38	WG2481788

Sample Narrative:

L1842529-18 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0343		0.000120	0.00200	1	04/08/2025 22:52	WG2483124
Barium	0.0191		0.000500	0.00200	1	04/08/2025 22:52	WG2483124
Calcium	424		0.0925	1.00	1	04/08/2025 22:52	WG2483124
Chromium	U		0.000900	0.00200	1	04/08/2025 22:52	WG2483124
Iron	4.48		0.0226	0.100	1	04/08/2025 22:52	WG2483124
Lead	U		0.000500	0.00200	1	04/08/2025 22:52	WG2483124
Manganese	4.33		0.000700	0.00500	1	04/08/2025 22:52	WG2483124
Potassium	3.02		0.0965	2.00	1	04/08/2025 22:52	WG2483124
Selenium	U		0.000250	0.00200	1	04/08/2025 22:52	WG2483124
Sodium	697		0.142	2.00	1	04/08/2025 22:52	WG2483124

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0803	B J	0.0314	0.100	1	04/07/2025 04:12	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*95.6*			*78.0-120*		*04/07/2025 04:12*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/08/2025 19:10	WG2485473
Benzene	U		0.0000941	0.00100	1	04/08/2025 19:10	WG2485473
Bromodichloromethane	U		0.000136	0.00100	1	04/08/2025 19:10	WG2485473
Bromoform	U		0.000129	0.00100	1	04/08/2025 19:10	WG2485473
Bromomethane	U	J3	0.000605	0.00500	1	04/08/2025 19:10	WG2485473
n-Butylbenzene	U		0.000157	0.00100	1	04/08/2025 19:10	WG2485473
sec-Butylbenzene	U		0.000125	0.00100	1	04/08/2025 19:10	WG2485473
Carbon disulfide	U		0.0000962	0.00100	1	04/08/2025 19:10	WG2485473
Carbon tetrachloride	U		0.000128	0.00100	1	04/08/2025 19:10	WG2485473
Chlorobenzene	U		0.000116	0.00100	1	04/08/2025 19:10	WG2485473
Chlorodibromomethane	U		0.000140	0.00100	1	04/08/2025 19:10	WG2485473
Chloroethane	U		0.000192	0.00500	1	04/08/2025 19:10	WG2485473
Chloroform	U		0.000111	0.00500	1	04/08/2025 19:10	WG2485473
Chloromethane	U		0.000960	0.00250	1	04/08/2025 19:10	WG2485473
1,2-Dibromoethane	U		0.000126	0.00100	1	04/08/2025 19:10	WG2485473
1,1-Dichloroethane	U		0.000100	0.00100	1	04/08/2025 19:10	WG2485473

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/08/2025 19:10	WG2485473
1,1-Dichloroethene	U		0.000188	0.00100	1	04/08/2025 19:10	WG2485473
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/08/2025 19:10	WG2485473
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/08/2025 19:10	WG2485473
1,2-Dichloropropane	U		0.000149	0.00100	1	04/08/2025 19:10	WG2485473
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/08/2025 19:10	WG2485473
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/08/2025 19:10	WG2485473
Ethylbenzene	U		0.000137	0.00100	1	04/08/2025 19:10	WG2485473
Isopropylbenzene	U		0.000105	0.00100	1	04/08/2025 19:10	WG2485473
p-Isopropyltoluene	U		0.000120	0.00100	1	04/08/2025 19:10	WG2485473
2-Butanone (MEK)	U		0.00119	0.0100	1	04/08/2025 19:10	WG2485473
2-Hexanone	U		0.000787	0.0100	1	04/08/2025 19:10	WG2485473
Methylene Chloride	U		0.000430	0.00500	1	04/08/2025 19:10	WG2485473
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/08/2025 19:10	WG2485473
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/08/2025 19:10	WG2485473
Naphthalene	U		0.00100	0.00500	1	04/08/2025 19:10	WG2485473
n-Propylbenzene	U		0.0000993	0.00100	1	04/08/2025 19:10	WG2485473
Styrene	U		0.000118	0.00100	1	04/08/2025 19:10	WG2485473
tert-Butyl alcohol	0.0359		0.00406	0.00500	1	04/08/2025 19:10	WG2485473
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/08/2025 19:10	WG2485473
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/08/2025 19:10	WG2485473
Tetrachloroethene	U		0.000300	0.00100	1	04/08/2025 19:10	WG2485473
Toluene	U		0.000278	0.00100	1	04/08/2025 19:10	WG2485473
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/08/2025 19:10	WG2485473
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/08/2025 19:10	WG2485473
Trichloroethene	U		0.000190	0.00100	1	04/08/2025 19:10	WG2485473
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/08/2025 19:10	WG2485473
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/08/2025 19:10	WG2485473
Vinyl chloride	U		0.000234	0.00100	1	04/08/2025 19:10	WG2485473
o-Xylene	U		0.000174	0.00100	1	04/08/2025 19:10	WG2485473
m&p-Xylene	U		0.000430	0.00200	1	04/08/2025 19:10	WG2485473
Xylenes, Total	U		0.000174	0.00300	1	04/08/2025 19:10	WG2485473
(S) Toluene-d8	*111*			*80.0-120*		*04/08/2025 19:10*	WG2485473
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*04/08/2025 19:10*	WG2485473
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/08/2025 19:10*	WG2485473

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.393		0.0605	0.100	1	04/09/2025 12:01	WG2484752
(S) o-Terphenyl	*85.8*			*52.0-156*		*04/09/2025 12:01*	WG2484752

Received by OCD: 6/15/2026 7:23:14 PM

DUP-LI-02
Collected date/time: 04/01/25 11:00
L1842529

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	31700		400	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	11800		274	500	500	04/03/2025 08:10	WG2481788
Fluoride	5.96	J	3.80	7.50	50	04/03/2025 07:54	WG2481788
Nitrate as (N)	U		4.42	5.00	50	04/03/2025 07:54	WG2481788
Nitrite as (N)	U		3.97	5.00	50	04/03/2025 07:54	WG2481788
Sulfate	7910		318	2500	500	04/03/2025 08:10	WG2481788

Sample Narrative:

L1842529-19 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0303		0.00120	0.0200	10	04/08/2025 22:55	WG2483124
Barium	0.0166	J	0.00500	0.0200	10	04/08/2025 22:55	WG2483124
Calcium	694		0.925	10.0	10	04/08/2025 22:55	WG2483124
Chromium	U		0.00900	0.0200	10	04/08/2025 22:55	WG2483124
Iron	U		0.226	1.00	10	04/08/2025 22:55	WG2483124
Lead	U		0.00500	0.0200	10	04/08/2025 22:55	WG2483124
Manganese	0.0748		0.00700	0.0500	10	04/08/2025 22:55	WG2483124
Potassium	5.31	J	0.965	20.0	10	04/08/2025 22:55	WG2483124
Selenium	0.0287		0.00250	0.0200	10	04/08/2025 22:55	WG2483124
Sodium	7600		1.42	20.0	10	04/08/2025 22:55	WG2483124

Sample Narrative:

L1842529-19 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.443		0.0314	0.100	1	04/07/2025 04:33	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*94.3*			*78.0-120*		*04/07/2025 04:33*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/08/2025 19:31	WG2485473
Benzene	U		0.0000941	0.00100	1	04/08/2025 19:31	WG2485473
Bromodichloromethane	U		0.000136	0.00100	1	04/08/2025 19:31	WG2485473
Bromoform	U		0.000129	0.00100	1	04/08/2025 19:31	WG2485473
Bromomethane	U	J3	0.000605	0.00500	1	04/08/2025 19:31	WG2485473
n-Butylbenzene	U		0.000157	0.00100	1	04/08/2025 19:31	WG2485473
sec-Butylbenzene	U		0.000125	0.00100	1	04/08/2025 19:31	WG2485473
Carbon disulfide	U		0.0000962	0.00100	1	04/08/2025 19:31	WG2485473
Carbon tetrachloride	U		0.000128	0.00100	1	04/08/2025 19:31	WG2485473
Chlorobenzene	U		0.000116	0.00100	1	04/08/2025 19:31	WG2485473
Chlorodibromomethane	U		0.000140	0.00100	1	04/08/2025 19:31	WG2485473
Chloroethane	U		0.000192	0.00500	1	04/08/2025 19:31	WG2485473
Chloroform	U		0.000111	0.00500	1	04/08/2025 19:31	WG2485473

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Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/08/2025 19:31	WG2485473
1,2-Dibromoethane	U		0.000126	0.00100	1	04/08/2025 19:31	WG2485473
1,1-Dichloroethane	U		0.000100	0.00100	1	04/08/2025 19:31	WG2485473
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/08/2025 19:31	WG2485473
1,1-Dichloroethene	U		0.000188	0.00100	1	04/08/2025 19:31	WG2485473
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/08/2025 19:31	WG2485473
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/08/2025 19:31	WG2485473
1,2-Dichloropropane	U		0.000149	0.00100	1	04/08/2025 19:31	WG2485473
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/08/2025 19:31	WG2485473
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/08/2025 19:31	WG2485473
Ethylbenzene	U		0.000137	0.00100	1	04/08/2025 19:31	WG2485473
Isopropylbenzene	U		0.000105	0.00100	1	04/08/2025 19:31	WG2485473
p-Isopropyltoluene	U		0.000120	0.00100	1	04/08/2025 19:31	WG2485473
2-Butanone (MEK)	U		0.00119	0.0100	1	04/08/2025 19:31	WG2485473
2-Hexanone	U		0.000787	0.0100	1	04/08/2025 19:31	WG2485473
Methylene Chloride	U		0.000430	0.00500	1	04/08/2025 19:31	WG2485473
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/08/2025 19:31	WG2485473
Methyl tert-butyl ether	0.000619	J	0.000101	0.00100	1	04/08/2025 19:31	WG2485473
Naphthalene	U		0.00100	0.00500	1	04/08/2025 19:31	WG2485473
n-Propylbenzene	U		0.0000993	0.00100	1	04/08/2025 19:31	WG2485473
Styrene	U		0.000118	0.00100	1	04/08/2025 19:31	WG2485473
tert-Butyl alcohol	0.00589		0.00406	0.00500	1	04/08/2025 19:31	WG2485473
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/08/2025 19:31	WG2485473
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/08/2025 19:31	WG2485473
Tetrachloroethene	U		0.000300	0.00100	1	04/08/2025 19:31	WG2485473
Toluene	U		0.000278	0.00100	1	04/08/2025 19:31	WG2485473
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/08/2025 19:31	WG2485473
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/08/2025 19:31	WG2485473
Trichloroethene	U		0.000190	0.00100	1	04/08/2025 19:31	WG2485473
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/08/2025 19:31	WG2485473
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/08/2025 19:31	WG2485473
Vinyl chloride	U		0.000234	0.00100	1	04/08/2025 19:31	WG2485473
o-Xylene	U		0.000174	0.00100	1	04/08/2025 19:31	WG2485473
m&p-Xylene	U		0.000430	0.00200	1	04/08/2025 19:31	WG2485473
Xylenes, Total	U		0.000174	0.00300	1	04/08/2025 19:31	WG2485473
(S) Toluene-d8	*106*			*80.0-120*		*04/08/2025 19:31*	WG2485473
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*04/08/2025 19:31*	WG2485473
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/08/2025 19:31*	WG2485473

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.07		0.0605	0.100	1	04/09/2025 06:42	WG2484752
(S) o-Terphenyl	*87.9*			*52.0-156*		*04/09/2025 06:42*	WG2484752

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	7680		200	1	04/03/2025 12:02	WG2481955

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2670		54.7	100	100	04/03/2025 08:41	WG2481788
Fluoride	1.41	J	0.761	1.50	10	04/03/2025 08:25	WG2481788
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 08:25	WG2481788
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 08:25	WG2481788
Sulfate	2260		63.7	500	100	04/03/2025 08:41	WG2481788

Sample Narrative:

L1842529-20 WG2481788: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00227	J	0.000600	0.0100	5	04/09/2025 00:13	WG2483124
Barium	0.0264		0.00250	0.0100	5	04/09/2025 00:13	WG2483124
Calcium	825		0.462	5.00	5	04/09/2025 00:13	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 00:13	WG2483124
Iron	U		0.113	0.500	5	04/09/2025 00:13	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 00:13	WG2483124
Manganese	0.334		0.00350	0.0250	5	04/09/2025 00:13	WG2483124
Potassium	5.15	J	0.482	10.0	5	04/09/2025 00:13	WG2483124
Selenium	0.00449	J	0.00125	0.0100	5	04/09/2025 00:13	WG2483124
Sodium	1240		0.710	10.0	5	04/09/2025 00:13	WG2483124

Sample Narrative:

L1842529-20 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/08/2025 19:52	WG2485473
Benzene	U		0.0000941	0.00100	1	04/08/2025 19:52	WG2485473
Bromodichloromethane	U		0.000136	0.00100	1	04/08/2025 19:52	WG2485473
Bromoform	U		0.000129	0.00100	1	04/08/2025 19:52	WG2485473
Bromomethane	U	J3	0.000605	0.00500	1	04/08/2025 19:52	WG2485473
n-Butylbenzene	U		0.000157	0.00100	1	04/08/2025 19:52	WG2485473
sec-Butylbenzene	U		0.000125	0.00100	1	04/08/2025 19:52	WG2485473
Carbon disulfide	U		0.0000962	0.00100	1	04/08/2025 19:52	WG2485473
Carbon tetrachloride	U		0.000128	0.00100	1	04/08/2025 19:52	WG2485473
Chlorobenzene	U		0.000116	0.00100	1	04/08/2025 19:52	WG2485473
Chlorodibromomethane	U		0.000140	0.00100	1	04/08/2025 19:52	WG2485473
Chloroethane	U		0.000192	0.00500	1	04/08/2025 19:52	WG2485473
Chloroform	U		0.000111	0.00500	1	04/08/2025 19:52	WG2485473
Chloromethane	U		0.000960	0.00250	1	04/08/2025 19:52	WG2485473
1,2-Dibromoethane	U		0.000126	0.00100	1	04/08/2025 19:52	WG2485473
1,1-Dichloroethane	U		0.000100	0.00100	1	04/08/2025 19:52	WG2485473
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/08/2025 19:52	WG2485473
1,1-Dichloroethene	U		0.000188	0.00100	1	04/08/2025 19:52	WG2485473
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/08/2025 19:52	WG2485473
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/08/2025 19:52	WG2485473

MW-23
Collected date/time: 04/01/25 14:00
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloropropane	U		0.000149	0.00100	1	04/08/2025 19:52	WG2485473
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/08/2025 19:52	WG2485473
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/08/2025 19:52	WG2485473
Ethylbenzene	U		0.000137	0.00100	1	04/08/2025 19:52	WG2485473
Isopropylbenzene	U		0.000105	0.00100	1	04/08/2025 19:52	WG2485473
p-Isopropyltoluene	U		0.000120	0.00100	1	04/08/2025 19:52	WG2485473
2-Butanone (MEK)	U		0.00119	0.0100	1	04/08/2025 19:52	WG2485473
2-Hexanone	U		0.000787	0.0100	1	04/08/2025 19:52	WG2485473
Methylene Chloride	U		0.000430	0.00500	1	04/08/2025 19:52	WG2485473
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/08/2025 19:52	WG2485473
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/08/2025 19:52	WG2485473
Naphthalene	U		0.00100	0.00500	1	04/08/2025 19:52	WG2485473
n-Propylbenzene	U		0.0000993	0.00100	1	04/08/2025 19:52	WG2485473
Styrene	U		0.000118	0.00100	1	04/08/2025 19:52	WG2485473
tert-Butyl alcohol	U		0.00406	0.00500	1	04/08/2025 19:52	WG2485473
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/08/2025 19:52	WG2485473
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/08/2025 19:52	WG2485473
Tetrachloroethene	U		0.000300	0.00100	1	04/08/2025 19:52	WG2485473
Toluene	U		0.000278	0.00100	1	04/08/2025 19:52	WG2485473
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/08/2025 19:52	WG2485473
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/08/2025 19:52	WG2485473
Trichloroethene	U		0.000190	0.00100	1	04/08/2025 19:52	WG2485473
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/08/2025 19:52	WG2485473
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/08/2025 19:52	WG2485473
Vinyl chloride	U		0.000234	0.00100	1	04/08/2025 19:52	WG2485473
o-Xylene	U		0.000174	0.00100	1	04/08/2025 19:52	WG2485473
m&p-Xylene	U		0.000430	0.00200	1	04/08/2025 19:52	WG2485473
Xylenes, Total	U		0.000174	0.00300	1	04/08/2025 19:52	WG2485473
(S) Toluene-d8	*109*			*80.0-120*		*04/08/2025 19:52*	WG2485473
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*		*04/08/2025 19:52*	WG2485473
(S) 1,2-Dichloroethane-d4	*91.5*			*70.0-130*		*04/08/2025 19:52*	WG2485473

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0950	J	0.0605	0.100	1	04/12/2025 02:40	WG2488072
(S) o-Terphenyl	*75.8*			*52.0-156*		*04/12/2025 02:40*	WG2488072

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5830		100	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1780		54.7	100	100	04/02/2025 20:09	WG2481804
Fluoride	U		0.761	1.50	10	04/02/2025 19:52	WG2481804
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 19:52	WG2481804
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 19:52	WG2481804
Sulfate	2280		63.7	500	100	04/02/2025 20:09	WG2481804

Sample Narrative:

L1842529-21 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00158	J	0.000600	0.0100	5	04/09/2025 01:23	WG2483124
Barium	0.0267		0.00250	0.0100	5	04/09/2025 01:23	WG2483124
Calcium	727		0.462	5.00	5	04/09/2025 01:23	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 01:23	WG2483124
Iron	2.56		0.113	0.500	5	04/09/2025 01:23	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 01:23	WG2483124
Manganese	1.89		0.00350	0.0250	5	04/09/2025 01:23	WG2483124
Potassium	4.21	J	0.482	10.0	5	04/09/2025 01:23	WG2483124
Selenium	U		0.00125	0.0100	5	04/09/2025 01:23	WG2483124
Sodium	1080		0.710	10.0	5	04/09/2025 01:23	WG2483124

Sample Narrative:

L1842529-21 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/08/2025 20:13	WG2485473
Benzene	U		0.0000941	0.00100	1	04/08/2025 20:13	WG2485473
Bromodichloromethane	U		0.000136	0.00100	1	04/08/2025 20:13	WG2485473
Bromoform	U		0.000129	0.00100	1	04/08/2025 20:13	WG2485473
Bromomethane	U	J3	0.000605	0.00500	1	04/08/2025 20:13	WG2485473
n-Butylbenzene	U		0.000157	0.00100	1	04/08/2025 20:13	WG2485473
sec-Butylbenzene	U		0.000125	0.00100	1	04/08/2025 20:13	WG2485473
Carbon disulfide	U		0.0000962	0.00100	1	04/08/2025 20:13	WG2485473
Carbon tetrachloride	U		0.000128	0.00100	1	04/08/2025 20:13	WG2485473
Chlorobenzene	U		0.000116	0.00100	1	04/08/2025 20:13	WG2485473
Chlorodibromomethane	U		0.000140	0.00100	1	04/08/2025 20:13	WG2485473
Chloroethane	U		0.000192	0.00500	1	04/08/2025 20:13	WG2485473
Chloroform	U		0.000111	0.00500	1	04/08/2025 20:13	WG2485473
Chloromethane	U		0.000960	0.00250	1	04/08/2025 20:13	WG2485473
1,2-Dibromoethane	U		0.000126	0.00100	1	04/08/2025 20:13	WG2485473
1,1-Dichloroethane	U		0.000100	0.00100	1	04/08/2025 20:13	WG2485473
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/08/2025 20:13	WG2485473
1,1-Dichloroethene	U		0.000188	0.00100	1	04/08/2025 20:13	WG2485473
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/08/2025 20:13	WG2485473
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/08/2025 20:13	WG2485473

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloropropane	U		0.000149	0.00100	1	04/08/2025 20:13	WG2485473
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/08/2025 20:13	WG2485473
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/08/2025 20:13	WG2485473
Ethylbenzene	U		0.000137	0.00100	1	04/08/2025 20:13	WG2485473
Isopropylbenzene	U		0.000105	0.00100	1	04/08/2025 20:13	WG2485473
p-Isopropyltoluene	U		0.000120	0.00100	1	04/08/2025 20:13	WG2485473
2-Butanone (MEK)	U		0.00119	0.0100	1	04/08/2025 20:13	WG2485473
2-Hexanone	U		0.000787	0.0100	1	04/08/2025 20:13	WG2485473
Methylene Chloride	U		0.000430	0.00500	1	04/08/2025 20:13	WG2485473
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/08/2025 20:13	WG2485473
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/08/2025 20:13	WG2485473
Naphthalene	U		0.00100	0.00500	1	04/08/2025 20:13	WG2485473
n-Propylbenzene	U		0.0000993	0.00100	1	04/08/2025 20:13	WG2485473
Styrene	U		0.000118	0.00100	1	04/08/2025 20:13	WG2485473
tert-Butyl alcohol	U		0.00406	0.00500	1	04/08/2025 20:13	WG2485473
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/08/2025 20:13	WG2485473
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/08/2025 20:13	WG2485473
Tetrachloroethene	U		0.000300	0.00100	1	04/08/2025 20:13	WG2485473
Toluene	U		0.000278	0.00100	1	04/08/2025 20:13	WG2485473
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/08/2025 20:13	WG2485473
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/08/2025 20:13	WG2485473
Trichloroethene	U		0.000190	0.00100	1	04/08/2025 20:13	WG2485473
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/08/2025 20:13	WG2485473
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/08/2025 20:13	WG2485473
Vinyl chloride	U		0.000234	0.00100	1	04/08/2025 20:13	WG2485473
o-Xylene	U		0.000174	0.00100	1	04/08/2025 20:13	WG2485473
m&p-Xylene	U		0.000430	0.00200	1	04/08/2025 20:13	WG2485473
Xylenes, Total	U		0.000174	0.00300	1	04/08/2025 20:13	WG2485473
(S) Toluene-d8	*102*			*80.0-120*		*04/08/2025 20:13*	WG2485473
(S) 4-Bromofluorobenzene	*90.4*			*77.0-126*		*04/08/2025 20:13*	WG2485473
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/08/2025 20:13*	WG2485473

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0850	J	0.0605	0.100	1	04/12/2025 03:00	WG2488072
(S) o-Terphenyl	*80.0*			*52.0-156*		*04/12/2025 03:00*	WG2488072

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	13000		200	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3380		54.7	100	100	04/02/2025 20:43	WG2481804
Fluoride	2.84		0.761	1.50	10	04/02/2025 20:26	WG2481804
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 20:26	WG2481804
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 20:26	WG2481804
Sulfate	4530		63.7	500	100	04/02/2025 20:43	WG2481804

Sample Narrative:

L1842529-22 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00591	J	0.000600	0.0100	5	04/09/2025 01:26	WG2483124
Barium	0.0187		0.00250	0.0100	5	04/09/2025 01:26	WG2483124
Calcium	757		0.462	5.00	5	04/09/2025 01:26	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 01:26	WG2483124
Iron	3.42		0.113	0.500	5	04/09/2025 01:26	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 01:26	WG2483124
Manganese	2.61		0.00350	0.0250	5	04/09/2025 01:26	WG2483124
Potassium	4.02	J	0.482	10.0	5	04/09/2025 01:26	WG2483124
Selenium	U		0.00125	0.0100	5	04/09/2025 01:26	WG2483124
Sodium	3080		0.710	10.0	5	04/09/2025 01:26	WG2483124

Sample Narrative:

L1842529-22 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0331	B J	0.0314	0.100	1	04/07/2025 04:55	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*94.5*			*78.0-120*		*04/07/2025 04:55*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/08/2025 20:34	WG2485473
Benzene	U		0.0000941	0.00100	1	04/08/2025 20:34	WG2485473
Bromodichloromethane	U		0.000136	0.00100	1	04/08/2025 20:34	WG2485473
Bromoform	U		0.000129	0.00100	1	04/08/2025 20:34	WG2485473
Bromomethane	U	J3	0.000605	0.00500	1	04/08/2025 20:34	WG2485473
n-Butylbenzene	U		0.000157	0.00100	1	04/08/2025 20:34	WG2485473
sec-Butylbenzene	U		0.000125	0.00100	1	04/08/2025 20:34	WG2485473
Carbon disulfide	U		0.0000962	0.00100	1	04/08/2025 20:34	WG2485473
Carbon tetrachloride	U		0.000128	0.00100	1	04/08/2025 20:34	WG2485473
Chlorobenzene	U		0.000116	0.00100	1	04/08/2025 20:34	WG2485473
Chlorodibromomethane	U		0.000140	0.00100	1	04/08/2025 20:34	WG2485473
Chloroethane	U		0.000192	0.00500	1	04/08/2025 20:34	WG2485473
Chloroform	U		0.000111	0.00500	1	04/08/2025 20:34	WG2485473

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/08/2025 20:34	WG2485473
1,2-Dibromoethane	U		0.000126	0.00100	1	04/08/2025 20:34	WG2485473
1,1-Dichloroethane	U		0.000100	0.00100	1	04/08/2025 20:34	WG2485473
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/08/2025 20:34	WG2485473
1,1-Dichloroethene	U		0.000188	0.00100	1	04/08/2025 20:34	WG2485473
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/08/2025 20:34	WG2485473
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/08/2025 20:34	WG2485473
1,2-Dichloropropane	U		0.000149	0.00100	1	04/08/2025 20:34	WG2485473
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/08/2025 20:34	WG2485473
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/08/2025 20:34	WG2485473
Ethylbenzene	U		0.000137	0.00100	1	04/08/2025 20:34	WG2485473
Isopropylbenzene	U		0.000105	0.00100	1	04/08/2025 20:34	WG2485473
p-Isopropyltoluene	U		0.000120	0.00100	1	04/08/2025 20:34	WG2485473
2-Butanone (MEK)	U		0.00119	0.0100	1	04/08/2025 20:34	WG2485473
2-Hexanone	U		0.000787	0.0100	1	04/08/2025 20:34	WG2485473
Methylene Chloride	U		0.000430	0.00500	1	04/08/2025 20:34	WG2485473
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/08/2025 20:34	WG2485473
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/08/2025 20:34	WG2485473
Naphthalene	U		0.00100	0.00500	1	04/08/2025 20:34	WG2485473
n-Propylbenzene	U		0.0000993	0.00100	1	04/08/2025 20:34	WG2485473
Styrene	U		0.000118	0.00100	1	04/08/2025 20:34	WG2485473
tert-Butyl alcohol	U		0.00406	0.00500	1	04/08/2025 20:34	WG2485473
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/08/2025 20:34	WG2485473
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/08/2025 20:34	WG2485473
Tetrachloroethene	U		0.000300	0.00100	1	04/08/2025 20:34	WG2485473
Toluene	U		0.000278	0.00100	1	04/08/2025 20:34	WG2485473
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/08/2025 20:34	WG2485473
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/08/2025 20:34	WG2485473
Trichloroethene	U		0.000190	0.00100	1	04/08/2025 20:34	WG2485473
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/08/2025 20:34	WG2485473
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/08/2025 20:34	WG2485473
Vinyl chloride	U		0.000234	0.00100	1	04/08/2025 20:34	WG2485473
o-Xylene	U		0.000174	0.00100	1	04/08/2025 20:34	WG2485473
m&p-Xylene	U		0.000430	0.00200	1	04/08/2025 20:34	WG2485473
Xylenes, Total	U		0.000174	0.00300	1	04/08/2025 20:34	WG2485473
(S) Toluene-d8	*106*			*80.0-120*		*04/08/2025 20:34*	WG2485473
(S) 4-Bromofluorobenzene	*90.0*			*77.0-126*		*04/08/2025 20:34*	WG2485473
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/08/2025 20:34*	WG2485473

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.177		0.0605	0.100	1	04/12/2025 03:20	WG2488072
(S) o-Terphenyl	*74.7*			*52.0-156*		*04/12/2025 03:20*	WG2488072

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	8440		200	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2760		54.7	100	100	04/02/2025 21:23	WG2481804
Fluoride	0.975	J	0.761	1.50	10	04/02/2025 21:07	WG2481804
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 21:07	WG2481804
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 21:07	WG2481804
Sulfate	3140		63.7	500	100	04/02/2025 21:23	WG2481804

Sample Narrative:

L1842529-23 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00109	J	0.000600	0.0100	5	04/09/2025 01:29	WG2483124
Barium	0.0228		0.00250	0.0100	5	04/09/2025 01:29	WG2483124
Calcium	699		0.462	5.00	5	04/09/2025 01:29	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 01:29	WG2483124
Iron	U		0.113	0.500	5	04/09/2025 01:29	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 01:29	WG2483124
Manganese	0.0665		0.00350	0.0250	5	04/09/2025 01:29	WG2483124
Potassium	3.65	J	0.482	10.0	5	04/09/2025 01:29	WG2483124
Selenium	U		0.00125	0.0100	5	04/09/2025 01:29	WG2483124
Sodium	1760		0.710	10.0	5	04/09/2025 01:29	WG2483124

Sample Narrative:

L1842529-23 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 05:17	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*78.0-120*		*04/07/2025 05:17*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 18:31	WG2486299
Benzene	U		0.0000941	0.00100	1	04/09/2025 18:31	WG2486299
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 18:31	WG2486299
Bromoform	U		0.000129	0.00100	1	04/09/2025 18:31	WG2486299
Bromomethane	U		0.000605	0.00500	1	04/09/2025 18:31	WG2486299
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 18:31	WG2486299
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 18:31	WG2486299
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 18:31	WG2486299
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 18:31	WG2486299
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 18:31	WG2486299
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 18:31	WG2486299
Chloroethane	U		0.000192	0.00500	1	04/09/2025 18:31	WG2486299
Chloroform	U		0.000111	0.00500	1	04/09/2025 18:31	WG2486299

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/09/2025 18:31	WG2486299
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 18:31	WG2486299
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 18:31	WG2486299
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 18:31	WG2486299
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 18:31	WG2486299
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 18:31	WG2486299
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 18:31	WG2486299
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 18:31	WG2486299
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 18:31	WG2486299
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 18:31	WG2486299
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 18:31	WG2486299
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 18:31	WG2486299
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 18:31	WG2486299
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 18:31	WG2486299
2-Hexanone	U	C3	0.000787	0.0100	1	04/09/2025 18:31	WG2486299
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 18:31	WG2486299
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/09/2025 18:31	WG2486299
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 18:31	WG2486299
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 18:31	WG2486299
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 18:31	WG2486299
Styrene	U		0.000118	0.00100	1	04/09/2025 18:31	WG2486299
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/09/2025 18:31	WG2486299
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 18:31	WG2486299
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 18:31	WG2486299
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 18:31	WG2486299
Toluene	U		0.000278	0.00100	1	04/09/2025 18:31	WG2486299
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 18:31	WG2486299
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 18:31	WG2486299
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 18:31	WG2486299
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 18:31	WG2486299
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 18:31	WG2486299
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 18:31	WG2486299
o-Xylene	U		0.000174	0.00100	1	04/09/2025 18:31	WG2486299
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 18:31	WG2486299
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 18:31	WG2486299
(S) Toluene-d8	*101*			*80.0-120*		*04/09/2025 18:31*	WG2486299
(S) 4-Bromofluorobenzene	*93.4*			*77.0-126*		*04/09/2025 18:31*	WG2486299
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*04/09/2025 18:31*	WG2486299

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0636	J	0.0605	0.100	1	04/12/2025 03:40	WG2488072
(S) o-Terphenyl	*78.4*			*52.0-156*		*04/12/2025 03:40*	WG2488072

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4910		100	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1190		54.7	100	100	04/02/2025 21:57	WG2481804
Fluoride	0.814	J	0.761	1.50	10	04/02/2025 21:40	WG2481804
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 21:40	WG2481804
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 21:40	WG2481804
Sulfate	2380		63.7	500	100	04/02/2025 21:57	WG2481804

Sample Narrative:

L1842529-24 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000909	J	0.000120	0.00200	1	04/09/2025 01:32	WG2483124
Barium	0.0202		0.000500	0.00200	1	04/09/2025 01:32	WG2483124
Calcium	503		0.0925	1.00	1	04/09/2025 01:32	WG2483124
Chromium	U		0.000900	0.00200	1	04/09/2025 01:32	WG2483124
Iron	0.343		0.0226	0.100	1	04/09/2025 01:32	WG2483124
Lead	U		0.000500	0.00200	1	04/09/2025 01:32	WG2483124
Manganese	0.0577		0.000700	0.00500	1	04/09/2025 01:32	WG2483124
Potassium	8.18		0.0965	2.00	1	04/09/2025 01:32	WG2483124
Selenium	0.000632	J	0.000250	0.00200	1	04/09/2025 01:32	WG2483124
Sodium	915		0.142	2.00	1	04/09/2025 01:32	WG2483124

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 05:39	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*95.7*			*78.0-120*		*04/07/2025 05:39*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 18:50	WG2486299
Benzene	U		0.0000941	0.00100	1	04/09/2025 18:50	WG2486299
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 18:50	WG2486299
Bromoform	U		0.000129	0.00100	1	04/09/2025 18:50	WG2486299
Bromomethane	U		0.000605	0.00500	1	04/09/2025 18:50	WG2486299
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 18:50	WG2486299
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 18:50	WG2486299
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 18:50	WG2486299
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 18:50	WG2486299
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 18:50	WG2486299
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 18:50	WG2486299
Chloroethane	U		0.000192	0.00500	1	04/09/2025 18:50	WG2486299
Chloroform	U		0.000111	0.00500	1	04/09/2025 18:50	WG2486299
Chloromethane	U		0.000960	0.00250	1	04/09/2025 18:50	WG2486299
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 18:50	WG2486299
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 18:50	WG2486299

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 18:50	WG2486299
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 18:50	WG2486299
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 18:50	WG2486299
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 18:50	WG2486299
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 18:50	WG2486299
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 18:50	WG2486299
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 18:50	WG2486299
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 18:50	WG2486299
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 18:50	WG2486299
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 18:50	WG2486299
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 18:50	WG2486299
2-Hexanone	U	C3	0.000787	0.0100	1	04/09/2025 18:50	WG2486299
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 18:50	WG2486299
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/09/2025 18:50	WG2486299
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 18:50	WG2486299
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 18:50	WG2486299
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 18:50	WG2486299
Styrene	U		0.000118	0.00100	1	04/09/2025 18:50	WG2486299
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/09/2025 18:50	WG2486299
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 18:50	WG2486299
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 18:50	WG2486299
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 18:50	WG2486299
Toluene	U		0.000278	0.00100	1	04/09/2025 18:50	WG2486299
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 18:50	WG2486299
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 18:50	WG2486299
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 18:50	WG2486299
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 18:50	WG2486299
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 18:50	WG2486299
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 18:50	WG2486299
o-Xylene	U		0.000174	0.00100	1	04/09/2025 18:50	WG2486299
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 18:50	WG2486299
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 18:50	WG2486299
(S) Toluene-d8	*98.9*			*80.0-120*		*04/09/2025 18:50*	WG2486299
(S) 4-Bromofluorobenzene	*93.8*			*77.0-126*		*04/09/2025 18:50*	WG2486299
(S) 1,2-Dichloroethane-d4	*91.4*			*70.0-130*		*04/09/2025 18:50*	WG2486299

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0665	J	0.0605	0.100	1	04/09/2025 12:05	WG2484754
(S) o-Terphenyl	*92.1*			*52.0-156*		*04/09/2025 12:05*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	15400		400	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	6150		54.7	100	100	04/02/2025 22:31	WG2481804
Fluoride	U		0.761	1.50	10	04/02/2025 22:14	WG2481804
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 22:14	WG2481804
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 22:14	WG2481804
Sulfate	3740		63.7	500	100	04/02/2025 22:31	WG2481804

Sample Narrative:

L1842529-25 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00284	J	0.000600	0.0100	5	04/09/2025 00:16	WG2483124
Barium	0.0218		0.00250	0.0100	5	04/09/2025 00:16	WG2483124
Calcium	926		0.462	5.00	5	04/09/2025 00:16	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 00:16	WG2483124
Iron	2.23		0.113	0.500	5	04/09/2025 00:16	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 00:16	WG2483124
Manganese	0.125		0.00350	0.0250	5	04/09/2025 00:16	WG2483124
Potassium	35.7		0.482	10.0	5	04/09/2025 00:16	WG2483124
Selenium	0.00275	J	0.00125	0.0100	5	04/09/2025 00:16	WG2483124
Sodium	3930		0.710	10.0	5	04/09/2025 00:16	WG2483124

Sample Narrative:

L1842529-25 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 06:00	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*94.9*			*78.0-120*		*04/07/2025 06:00*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 19:10	WG2486299
Benzene	U		0.0000941	0.00100	1	04/09/2025 19:10	WG2486299
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 19:10	WG2486299
Bromoform	U		0.000129	0.00100	1	04/09/2025 19:10	WG2486299
Bromomethane	U		0.000605	0.00500	1	04/09/2025 19:10	WG2486299
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 19:10	WG2486299
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 19:10	WG2486299
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 19:10	WG2486299
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 19:10	WG2486299
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 19:10	WG2486299
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 19:10	WG2486299
Chloroethane	U		0.000192	0.00500	1	04/09/2025 19:10	WG2486299
Chloroform	U		0.000111	0.00500	1	04/09/2025 19:10	WG2486299

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/09/2025 19:10	WG2486299
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 19:10	WG2486299
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 19:10	WG2486299
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 19:10	WG2486299
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 19:10	WG2486299
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 19:10	WG2486299
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 19:10	WG2486299
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 19:10	WG2486299
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 19:10	WG2486299
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 19:10	WG2486299
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 19:10	WG2486299
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 19:10	WG2486299
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 19:10	WG2486299
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 19:10	WG2486299
2-Hexanone	U	C3	0.000787	0.0100	1	04/09/2025 19:10	WG2486299
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 19:10	WG2486299
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/09/2025 19:10	WG2486299
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 19:10	WG2486299
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 19:10	WG2486299
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 19:10	WG2486299
Styrene	U		0.000118	0.00100	1	04/09/2025 19:10	WG2486299
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/09/2025 19:10	WG2486299
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 19:10	WG2486299
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 19:10	WG2486299
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 19:10	WG2486299
Toluene	U		0.000278	0.00100	1	04/09/2025 19:10	WG2486299
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 19:10	WG2486299
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 19:10	WG2486299
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 19:10	WG2486299
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 19:10	WG2486299
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 19:10	WG2486299
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 19:10	WG2486299
o-Xylene	U		0.000174	0.00100	1	04/09/2025 19:10	WG2486299
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 19:10	WG2486299
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 19:10	WG2486299
(S) Toluene-d8	*100*			*80.0-120*		*04/09/2025 19:10*	WG2486299
(S) 4-Bromofluorobenzene	*94.3*			*77.0-126*		*04/09/2025 19:10*	WG2486299
(S) 1,2-Dichloroethane-d4	*95.5*			*70.0-130*		*04/09/2025 19:10*	WG2486299

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 12:25	WG2484754
(S) o-Terphenyl	*91.1*			*52.0-156*		*04/09/2025 12:25*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	20100		400	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	9310		274	500	500	04/02/2025 23:38	WG2481804
Fluoride	U		3.80	7.50	50	04/02/2025 23:21	WG2481804
Nitrate as (N)	U		4.42	5.00	50	04/02/2025 23:21	WG2481804
Nitrite as (N)	U		3.97	5.00	50	04/02/2025 23:21	WG2481804
Sulfate	3410		31.8	250	50	04/02/2025 23:21	WG2481804

Sample Narrative:

L1842529-26 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.00120	0.0200	10	04/09/2025 00:19	WG2483124
Barium	0.0287		0.00500	0.0200	10	04/09/2025 00:19	WG2483124
Calcium	1280		0.925	10.0	10	04/09/2025 00:19	WG2483124
Chromium	U		0.00900	0.0200	10	04/09/2025 00:19	WG2483124
Iron	0.447	J	0.226	1.00	10	04/09/2025 00:19	WG2483124
Lead	U		0.00500	0.0200	10	04/09/2025 00:19	WG2483124
Manganese	0.0819		0.00700	0.0500	10	04/09/2025 00:19	WG2483124
Potassium	18.0	J	0.965	20.0	10	04/09/2025 00:19	WG2483124
Selenium	U		0.00250	0.0200	10	04/09/2025 00:19	WG2483124
Sodium	5440		1.42	20.0	10	04/09/2025 00:19	WG2483124

Sample Narrative:

L1842529-26 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 06:22	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*94.8*			*78.0-120*		*04/07/2025 06:22*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 19:30	WG2486299
Benzene	U		0.0000941	0.00100	1	04/09/2025 19:30	WG2486299
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 19:30	WG2486299
Bromoform	U		0.000129	0.00100	1	04/09/2025 19:30	WG2486299
Bromomethane	U		0.000605	0.00500	1	04/09/2025 19:30	WG2486299
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 19:30	WG2486299
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 19:30	WG2486299
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 19:30	WG2486299
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 19:30	WG2486299
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 19:30	WG2486299
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 19:30	WG2486299
Chloroethane	U		0.000192	0.00500	1	04/09/2025 19:30	WG2486299
Chloroform	U		0.000111	0.00500	1	04/09/2025 19:30	WG2486299

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/09/2025 19:30	WG2486299
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 19:30	WG2486299
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 19:30	WG2486299
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 19:30	WG2486299
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 19:30	WG2486299
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 19:30	WG2486299
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 19:30	WG2486299
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 19:30	WG2486299
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 19:30	WG2486299
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 19:30	WG2486299
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 19:30	WG2486299
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 19:30	WG2486299
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 19:30	WG2486299
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 19:30	WG2486299
2-Hexanone	U	C3	0.000787	0.0100	1	04/09/2025 19:30	WG2486299
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 19:30	WG2486299
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/09/2025 19:30	WG2486299
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 19:30	WG2486299
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 19:30	WG2486299
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 19:30	WG2486299
Styrene	U		0.000118	0.00100	1	04/09/2025 19:30	WG2486299
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/09/2025 19:30	WG2486299
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 19:30	WG2486299
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 19:30	WG2486299
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 19:30	WG2486299
Toluene	U		0.000278	0.00100	1	04/09/2025 19:30	WG2486299
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 19:30	WG2486299
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 19:30	WG2486299
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 19:30	WG2486299
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 19:30	WG2486299
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 19:30	WG2486299
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 19:30	WG2486299
o-Xylene	U		0.000174	0.00100	1	04/09/2025 19:30	WG2486299
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 19:30	WG2486299
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 19:30	WG2486299
(S) Toluene-d8	*99.6*			*80.0-120*		*04/09/2025 19:30*	WG2486299
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*04/09/2025 19:30*	WG2486299
(S) 1,2-Dichloroethane-d4	*99.6*			*70.0-130*		*04/09/2025 19:30*	WG2486299

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 12:45	WG2484754
(S) o-Terphenyl	*91.1*			*52.0-156*		*04/09/2025 12:45*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	14700		400	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	5230		54.7	100	100	04/03/2025 00:12	WG2481804
Fluoride	0.825	J	0.761	1.50	10	04/02/2025 23:55	WG2481804
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 23:55	WG2481804
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 23:55	WG2481804
Sulfate	3290		63.7	500	100	04/03/2025 00:12	WG2481804

Sample Narrative:

L1842529-27 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00328	J	0.000600	0.0100	5	04/09/2025 01:37	WG2483124
Barium	0.0161		0.00250	0.0100	5	04/09/2025 01:37	WG2483124
Calcium	882		0.462	5.00	5	04/09/2025 01:37	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 01:37	WG2483124
Iron	3.73		0.113	0.500	5	04/09/2025 01:37	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 01:37	WG2483124
Manganese	0.367		0.00350	0.0250	5	04/09/2025 01:37	WG2483124
Potassium	30.6		0.482	10.0	5	04/09/2025 01:37	WG2483124
Selenium	U		0.00125	0.0100	5	04/09/2025 01:37	WG2483124
Sodium	3660		0.710	10.0	5	04/09/2025 01:37	WG2483124

Sample Narrative:

L1842529-27 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 06:43	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*96.0*			*78.0-120*		*04/07/2025 06:43*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 19:50	WG2486299
Benzene	U		0.0000941	0.00100	1	04/09/2025 19:50	WG2486299
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 19:50	WG2486299
Bromoform	U		0.000129	0.00100	1	04/09/2025 19:50	WG2486299
Bromomethane	U		0.000605	0.00500	1	04/09/2025 19:50	WG2486299
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 19:50	WG2486299
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 19:50	WG2486299
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 19:50	WG2486299
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 19:50	WG2486299
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 19:50	WG2486299
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 19:50	WG2486299
Chloroethane	U		0.000192	0.00500	1	04/09/2025 19:50	WG2486299
Chloroform	U		0.000111	0.00500	1	04/09/2025 19:50	WG2486299

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/09/2025 19:50	WG2486299
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 19:50	WG2486299
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 19:50	WG2486299
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 19:50	WG2486299
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 19:50	WG2486299
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 19:50	WG2486299
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 19:50	WG2486299
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 19:50	WG2486299
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 19:50	WG2486299
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 19:50	WG2486299
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 19:50	WG2486299
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 19:50	WG2486299
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 19:50	WG2486299
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 19:50	WG2486299
2-Hexanone	U	C3	0.000787	0.0100	1	04/09/2025 19:50	WG2486299
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 19:50	WG2486299
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/09/2025 19:50	WG2486299
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 19:50	WG2486299
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 19:50	WG2486299
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 19:50	WG2486299
Styrene	U		0.000118	0.00100	1	04/09/2025 19:50	WG2486299
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/09/2025 19:50	WG2486299
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 19:50	WG2486299
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 19:50	WG2486299
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 19:50	WG2486299
Toluene	U		0.000278	0.00100	1	04/09/2025 19:50	WG2486299
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 19:50	WG2486299
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 19:50	WG2486299
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 19:50	WG2486299
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 19:50	WG2486299
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 19:50	WG2486299
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 19:50	WG2486299
o-Xylene	U		0.000174	0.00100	1	04/09/2025 19:50	WG2486299
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 19:50	WG2486299
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 19:50	WG2486299
(S) Toluene-d8	*103*			*80.0-120*		*04/09/2025 19:50*	WG2486299
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*		*04/09/2025 19:50*	WG2486299
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*04/09/2025 19:50*	WG2486299

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 14:26	WG2484754
(S) o-Terphenyl	*94.7*			*52.0-156*		*04/09/2025 14:26*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	13500		200	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	4600		54.7	100	100	04/03/2025 00:46	WG2481804
Fluoride	0.842	J	0.761	1.50	10	04/03/2025 00:29	WG2481804
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 00:29	WG2481804
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 00:29	WG2481804
Sulfate	3250		63.7	500	100	04/03/2025 00:46	WG2481804

Sample Narrative:

L1842529-28 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0116		0.000600	0.0100	5	04/09/2025 01:41	WG2483124
Barium	0.0247		0.00250	0.0100	5	04/09/2025 01:41	WG2483124
Calcium	910		0.462	5.00	5	04/09/2025 01:41	WG2483124
Chromium	U		0.00450	0.0100	5	04/09/2025 01:41	WG2483124
Iron	5.38		0.113	0.500	5	04/09/2025 01:41	WG2483124
Lead	U		0.00250	0.0100	5	04/09/2025 01:41	WG2483124
Manganese	0.312		0.00350	0.0250	5	04/09/2025 01:41	WG2483124
Potassium	33.6		0.482	10.0	5	04/09/2025 01:41	WG2483124
Selenium	U		0.00125	0.0100	5	04/09/2025 01:41	WG2483124
Sodium	3290		0.710	10.0	5	04/09/2025 01:41	WG2483124

Sample Narrative:

L1842529-28 WG2483124: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.562		0.0314	0.100	1	04/08/2025 03:12	WG2485001
(S) a,a,a-Trifluorotoluene(FID)	*98.1*			*78.0-120*		*04/08/2025 03:12*	WG2485001

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 20:10	WG2486299
Benzene	U		0.0000941	0.00100	1	04/09/2025 20:10	WG2486299
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 20:10	WG2486299
Bromoform	U		0.000129	0.00100	1	04/09/2025 20:10	WG2486299
Bromomethane	U		0.000605	0.00500	1	04/09/2025 20:10	WG2486299
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 20:10	WG2486299
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 20:10	WG2486299
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 20:10	WG2486299
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 20:10	WG2486299
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 20:10	WG2486299
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 20:10	WG2486299
Chloroethane	U		0.000192	0.00500	1	04/09/2025 20:10	WG2486299
Chloroform	U		0.000111	0.00500	1	04/09/2025 20:10	WG2486299

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/09/2025 20:10	WG2486299
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 20:10	WG2486299
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 20:10	WG2486299
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 20:10	WG2486299
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 20:10	WG2486299
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 20:10	WG2486299
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 20:10	WG2486299
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 20:10	WG2486299
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 20:10	WG2486299
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 20:10	WG2486299
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 20:10	WG2486299
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 20:10	WG2486299
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 20:10	WG2486299
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 20:10	WG2486299
2-Hexanone	U	C3	0.000787	0.0100	1	04/09/2025 20:10	WG2486299
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 20:10	WG2486299
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/09/2025 20:10	WG2486299
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 20:10	WG2486299
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 20:10	WG2486299
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 20:10	WG2486299
Styrene	U		0.000118	0.00100	1	04/09/2025 20:10	WG2486299
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/09/2025 20:10	WG2486299
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 20:10	WG2486299
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 20:10	WG2486299
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 20:10	WG2486299
Toluene	U		0.000278	0.00100	1	04/09/2025 20:10	WG2486299
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 20:10	WG2486299
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 20:10	WG2486299
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 20:10	WG2486299
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 20:10	WG2486299
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 20:10	WG2486299
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 20:10	WG2486299
o-Xylene	U		0.000174	0.00100	1	04/09/2025 20:10	WG2486299
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 20:10	WG2486299
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 20:10	WG2486299
(S) Toluene-d8	*101*			*80.0-120*		*04/09/2025 20:10*	WG2486299
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*04/09/2025 20:10*	WG2486299
(S) 1,2-Dichloroethane-d4	*95.0*			*70.0-130*		*04/09/2025 20:10*	WG2486299

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.18		0.0605	0.100	1	04/09/2025 15:26	WG2484754
(S) o-Terphenyl	*99.5*			*52.0-156*		*04/09/2025 15:26*	WG2484754

Received by OCD: 6/15/2026 7:23:14 PM

TRIP BLANK-LT-03
Collected date/time: 04/01/25 00:00

SAMPLE RESULTS - 29

L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/09/2025 12:59	WG2486299
Benzene	U		0.0000941	0.00100	1	04/09/2025 12:59	WG2486299
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 12:59	WG2486299
Bromoform	U		0.000129	0.00100	1	04/09/2025 12:59	WG2486299
Bromomethane	U		0.000605	0.00500	1	04/09/2025 12:59	WG2486299
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 12:59	WG2486299
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 12:59	WG2486299
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 12:59	WG2486299
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 12:59	WG2486299
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 12:59	WG2486299
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 12:59	WG2486299
Chloroethane	U		0.000192	0.00500	1	04/09/2025 12:59	WG2486299
Chloroform	U		0.000111	0.00500	1	04/09/2025 12:59	WG2486299
Chloromethane	U		0.000960	0.00250	1	04/09/2025 12:59	WG2486299
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 12:59	WG2486299
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 12:59	WG2486299
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 12:59	WG2486299
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 12:59	WG2486299
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 12:59	WG2486299
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 12:59	WG2486299
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 12:59	WG2486299
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 12:59	WG2486299
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 12:59	WG2486299
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 12:59	WG2486299
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 12:59	WG2486299
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 12:59	WG2486299
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 12:59	WG2486299
2-Hexanone	U	C3	0.000787	0.0100	1	04/09/2025 12:59	WG2486299
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 12:59	WG2486299
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/09/2025 12:59	WG2486299
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 12:59	WG2486299
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 12:59	WG2486299
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 12:59	WG2486299
Styrene	U		0.000118	0.00100	1	04/09/2025 12:59	WG2486299
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/09/2025 12:59	WG2486299
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 12:59	WG2486299
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 12:59	WG2486299
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 12:59	WG2486299
Toluene	U		0.000278	0.00100	1	04/09/2025 12:59	WG2486299
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 12:59	WG2486299
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 12:59	WG2486299
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 12:59	WG2486299
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 12:59	WG2486299
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 12:59	WG2486299
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 12:59	WG2486299
o-Xylene	U		0.000174	0.00100	1	04/09/2025 12:59	WG2486299
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 12:59	WG2486299
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 12:59	WG2486299
(S) Toluene-d8	*105*			*80.0-120*		*04/09/2025 12:59*	WG2486299
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*		*04/09/2025 12:59*	WG2486299
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*		*04/09/2025 12:59*	WG2486299

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Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2410		50.0	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	170		2.74	5.00	5	04/03/2025 01:02	WG2481804
Fluoride	U		0.380	0.750	5	04/03/2025 01:02	WG2481804
Nitrate as (N)	0.868		0.442	0.500	5	04/03/2025 01:02	WG2481804
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 01:02	WG2481804
Sulfate	1420		31.8	250	50	04/03/2025 01:19	WG2481804

Sample Narrative:

L1842529-30 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Calcium	441		0.0925	1.00	1	04/09/2025 01:51	WG2483124
Potassium	2.22		0.0965	2.00	1	04/09/2025 01:51	WG2483124
Sodium	119		0.142	2.00	1	04/09/2025 01:51	WG2483124

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 20:30	WG2486299
Benzene	U		0.0000941	0.00100	1	04/09/2025 20:30	WG2486299
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 20:30	WG2486299
Bromoform	U		0.000129	0.00100	1	04/09/2025 20:30	WG2486299
Bromomethane	U		0.000605	0.00500	1	04/09/2025 20:30	WG2486299
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 20:30	WG2486299
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 20:30	WG2486299
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 20:30	WG2486299
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 20:30	WG2486299
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 20:30	WG2486299
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 20:30	WG2486299
Chloroethane	U		0.000192	0.00500	1	04/09/2025 20:30	WG2486299
Chloroform	U		0.000111	0.00500	1	04/09/2025 20:30	WG2486299
Chloromethane	U		0.000960	0.00250	1	04/09/2025 20:30	WG2486299
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 20:30	WG2486299
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 20:30	WG2486299
1,2-Dichloroethane	0.000406	J	0.0000819	0.00100	1	04/09/2025 20:30	WG2486299
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 20:30	WG2486299
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 20:30	WG2486299
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 20:30	WG2486299
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 20:30	WG2486299
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 20:30	WG2486299
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 20:30	WG2486299
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 20:30	WG2486299
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 20:30	WG2486299
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 20:30	WG2486299
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 20:30	WG2486299
2-Hexanone	U	C3	0.000787	0.0100	1	04/09/2025 20:30	WG2486299
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 20:30	WG2486299
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/09/2025 20:30	WG2486299

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 20:30	WG2486299
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 20:30	WG2486299
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 20:30	WG2486299
Styrene	U		0.000118	0.00100	1	04/09/2025 20:30	WG2486299
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/09/2025 20:30	WG2486299
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 20:30	WG2486299
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 20:30	WG2486299
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 20:30	WG2486299
Toluene	U		0.000278	0.00100	1	04/09/2025 20:30	WG2486299
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 20:30	WG2486299
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 20:30	WG2486299
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 20:30	WG2486299
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 20:30	WG2486299
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 20:30	WG2486299
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 20:30	WG2486299
o-Xylene	U		0.000174	0.00100	1	04/09/2025 20:30	WG2486299
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 20:30	WG2486299
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 20:30	WG2486299
(S) Toluene-d8	*101*			*80.0-120*		*04/09/2025 20:30*	WG2486299
(S) 4-Bromofluorobenzene	*93.6*			*77.0-126*		*04/09/2025 20:30*	WG2486299
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*		*04/09/2025 20:30*	WG2486299

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1780		25.0	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	38.9		2.74	5.00	5	04/03/2025 01:36	WG2481804
Fluoride	1.23		0.380	0.750	5	04/03/2025 01:36	WG2481804
Nitrate as (N)	U		0.442	0.500	5	04/03/2025 01:36	WG2481804
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 01:36	WG2481804
Sulfate	1150		31.8	250	50	04/03/2025 01:53	WG2481804

Sample Narrative:

L1842529-31 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00173	J	0.000120	0.00200	1	04/09/2025 01:54	WG2483124
Barium	0.0171		0.000500	0.00200	1	04/09/2025 01:54	WG2483124
Calcium	322		0.0925	1.00	1	04/09/2025 01:54	WG2483124
Chromium	U		0.000900	0.00200	1	04/09/2025 01:54	WG2483124
Iron	U		0.0226	0.100	1	04/09/2025 01:54	WG2483124
Lead	U		0.000500	0.00200	1	04/09/2025 01:54	WG2483124
Manganese	0.00922		0.000700	0.00500	1	04/09/2025 01:54	WG2483124
Potassium	7.41		0.0965	2.00	1	04/09/2025 01:54	WG2483124
Selenium	0.0174		0.000250	0.00200	1	04/09/2025 01:54	WG2483124
Sodium	73.9		0.142	2.00	1	04/09/2025 01:54	WG2483124

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 20:49	WG2486299
Benzene	U		0.0000941	0.00100	1	04/09/2025 20:49	WG2486299
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 20:49	WG2486299
Bromoform	U		0.000129	0.00100	1	04/09/2025 20:49	WG2486299
Bromomethane	U		0.000605	0.00500	1	04/09/2025 20:49	WG2486299
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 20:49	WG2486299
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 20:49	WG2486299
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 20:49	WG2486299
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 20:49	WG2486299
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 20:49	WG2486299
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 20:49	WG2486299
Chloroethane	U		0.000192	0.00500	1	04/09/2025 20:49	WG2486299
Chloroform	U		0.000111	0.00500	1	04/09/2025 20:49	WG2486299
Chloromethane	U		0.000960	0.00250	1	04/09/2025 20:49	WG2486299
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 20:49	WG2486299
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 20:49	WG2486299
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 20:49	WG2486299
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 20:49	WG2486299
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 20:49	WG2486299
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 20:49	WG2486299
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 20:49	WG2486299
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 20:49	WG2486299
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 20:49	WG2486299

MW-27
Collected date/time: 04/01/25 11:55
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 20:49	WG2486299
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 20:49	WG2486299
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 20:49	WG2486299
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 20:49	WG2486299
2-Hexanone	U	C3	0.000787	0.0100	1	04/09/2025 20:49	WG2486299
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 20:49	WG2486299
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/09/2025 20:49	WG2486299
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 20:49	WG2486299
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 20:49	WG2486299
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 20:49	WG2486299
Styrene	U		0.000118	0.00100	1	04/09/2025 20:49	WG2486299
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/09/2025 20:49	WG2486299
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 20:49	WG2486299
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 20:49	WG2486299
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 20:49	WG2486299
Toluene	U		0.000278	0.00100	1	04/09/2025 20:49	WG2486299
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 20:49	WG2486299
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 20:49	WG2486299
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 20:49	WG2486299
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 20:49	WG2486299
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 20:49	WG2486299
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 20:49	WG2486299
o-Xylene	U		0.000174	0.00100	1	04/09/2025 20:49	WG2486299
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 20:49	WG2486299
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 20:49	WG2486299
(S) Toluene-d8	*103*			*80.0-120*		*04/09/2025 20:49*	WG2486299
(S) 4-Bromofluorobenzene	*93.4*			*77.0-126*		*04/09/2025 20:49*	WG2486299
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*04/09/2025 20:49*	WG2486299

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.0825	J	0.0605	0.100	1	04/09/2025 15:47	WG2484754
(S) o-Terphenyl	*96.8*			*52.0-156*		*04/09/2025 15:47*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2630		50.0	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	173		2.74	5.00	5	04/03/2025 02:44	WG2481804
Fluoride	2.91		0.380	0.750	5	04/03/2025 02:44	WG2481804
Nitrate as (N)	U		0.442	0.500	5	04/03/2025 02:44	WG2481804
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 02:44	WG2481804
Sulfate	1630		31.8	250	50	04/03/2025 03:00	WG2481804

Sample Narrative:

L1842529-32 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0179		0.000120	0.00200	1	04/09/2025 17:21	WG2483125
Barium	0.0181		0.000500	0.00200	1	04/09/2025 17:21	WG2483125
Calcium	451		0.0925	1.00	1	04/09/2025 17:21	WG2483125
Chromium	0.00102	J	0.000900	0.00200	1	04/09/2025 17:21	WG2483125
Iron	1.40		0.0226	0.100	1	04/09/2025 17:21	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 17:21	WG2483125
Manganese	0.762		0.000700	0.00500	1	04/09/2025 17:21	WG2483125
Potassium	8.65		0.0965	2.00	1	04/09/2025 17:21	WG2483125
Selenium	0.00102	J	0.000250	0.00200	1	04/09/2025 17:21	WG2483125
Sodium	151		0.142	2.00	1	04/09/2025 17:21	WG2483125

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 15:48	WG2487237
Benzene	U		0.0000941	0.00100	1	04/10/2025 15:48	WG2487237
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 15:48	WG2487237
Bromoform	U		0.000129	0.00100	1	04/10/2025 15:48	WG2487237
Bromomethane	U		0.000605	0.00500	1	04/10/2025 15:48	WG2487237
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 15:48	WG2487237
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 15:48	WG2487237
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 15:48	WG2487237
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 15:48	WG2487237
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 15:48	WG2487237
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 15:48	WG2487237
Chloroethane	U	J4	0.000192	0.00500	1	04/10/2025 15:48	WG2487237
Chloroform	U		0.000111	0.00500	1	04/10/2025 15:48	WG2487237
Chloromethane	U		0.000960	0.00250	1	04/10/2025 15:48	WG2487237
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 15:48	WG2487237
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 15:48	WG2487237
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 15:48	WG2487237
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 15:48	WG2487237
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 15:48	WG2487237
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 15:48	WG2487237
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 15:48	WG2487237
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 15:48	WG2487237
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 15:48	WG2487237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 15:48	WG2487237
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 15:48	WG2487237
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 15:48	WG2487237
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/10/2025 15:48	WG2487237
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 15:48	WG2487237
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 15:48	WG2487237
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 15:48	WG2487237
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 15:48	WG2487237
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 15:48	WG2487237
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 15:48	WG2487237
Styrene	U		0.000118	0.00100	1	04/10/2025 15:48	WG2487237
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 15:48	WG2487237
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 15:48	WG2487237
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 15:48	WG2487237
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 15:48	WG2487237
Toluene	U		0.000278	0.00100	1	04/10/2025 15:48	WG2487237
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 15:48	WG2487237
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 15:48	WG2487237
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 15:48	WG2487237
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 15:48	WG2487237
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 15:48	WG2487237
Vinyl chloride	U	J4	0.000234	0.00100	1	04/10/2025 15:48	WG2487237
o-Xylene	0.000440	J	0.000174	0.00100	1	04/10/2025 15:48	WG2487237
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 15:48	WG2487237
Xylenes, Total	0.000440	J	0.000174	0.00300	1	04/10/2025 15:48	WG2487237
(S) Toluene-d8	*98.7*			*80.0-120*		*04/10/2025 15:48*	WG2487237
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/10/2025 15:48*	WG2487237
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*04/10/2025 15:48*	WG2487237

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.377		0.0605	0.100	1	04/09/2025 16:07	WG2484754
(S) o-Terphenyl	*93.2*			*52.0-156*		*04/09/2025 16:07*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	9420		100	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1220		54.7	100	100	04/03/2025 03:34	WG2481804
Fluoride	2.30		0.761	1.50	10	04/03/2025 03:17	WG2481804
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 03:17	WG2481804
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 03:17	WG2481804
Sulfate	5110		63.7	500	100	04/03/2025 03:34	WG2481804

Sample Narrative:

L1842529-33 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00353		0.000120	0.00200	1	04/09/2025 17:24	WG2483125
Barium	0.00902		0.000500	0.00200	1	04/09/2025 17:24	WG2483125
Calcium	732		0.0925	1.00	1	04/09/2025 17:24	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 17:24	WG2483125
Iron	U		0.0226	0.100	1	04/09/2025 17:24	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 17:24	WG2483125
Manganese	0.523		0.000700	0.00500	1	04/09/2025 17:24	WG2483125
Potassium	6.01		0.0965	2.00	1	04/09/2025 17:24	WG2483125
Selenium	0.0574		0.000250	0.00200	1	04/09/2025 17:24	WG2483125
Sodium	744		0.142	2.00	1	04/09/2025 17:24	WG2483125

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 16:57	WG2486492
Benzene	U		0.0000941	0.00100	1	04/09/2025 16:57	WG2486492
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 16:57	WG2486492
Bromoform	U		0.000129	0.00100	1	04/09/2025 16:57	WG2486492
Bromomethane	U	C3	0.000605	0.00500	1	04/09/2025 16:57	WG2486492
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 16:57	WG2486492
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 16:57	WG2486492
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/09/2025 16:57	WG2486492
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 16:57	WG2486492
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 16:57	WG2486492
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 16:57	WG2486492
Chloroethane	U		0.000192	0.00500	1	04/09/2025 16:57	WG2486492
Chloroform	U		0.000111	0.00500	1	04/09/2025 16:57	WG2486492
Chloromethane	U		0.000960	0.00250	1	04/09/2025 16:57	WG2486492
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 16:57	WG2486492
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 16:57	WG2486492
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 16:57	WG2486492
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 16:57	WG2486492
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 22:35	WG2487738
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 16:57	WG2486492
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 16:57	WG2486492
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 16:57	WG2486492
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 16:57	WG2486492

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 16:57	WG2486492
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 16:57	WG2486492
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 16:57	WG2486492
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 16:57	WG2486492
2-Hexanone	U		0.000787	0.0100	1	04/09/2025 16:57	WG2486492
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 16:57	WG2486492
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 16:57	WG2486492
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 16:57	WG2486492
Naphthalene	U		0.00100	0.00500	1	04/09/2025 16:57	WG2486492
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 16:57	WG2486492
Styrene	U		0.000118	0.00100	1	04/09/2025 16:57	WG2486492
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 16:57	WG2486492
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 16:57	WG2486492
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 22:35	WG2487738
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 16:57	WG2486492
Toluene	U		0.000278	0.00100	1	04/09/2025 16:57	WG2486492
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 16:57	WG2486492
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 16:57	WG2486492
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 16:57	WG2486492
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 16:57	WG2486492
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 16:57	WG2486492
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 16:57	WG2486492
o-Xylene	U		0.000174	0.00100	1	04/09/2025 16:57	WG2486492
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 16:57	WG2486492
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 16:57	WG2486492
(S) Toluene-d8	*107*			*80.0-120*		*04/09/2025 16:57*	WG2486492
(S) Toluene-d8	*107*			*80.0-120*		*04/10/2025 22:35*	WG2487738
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/09/2025 16:57*	WG2486492
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*04/10/2025 22:35*	WG2487738
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*04/09/2025 16:57*	WG2486492
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/10/2025 22:35*	WG2487738

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.131		0.0605	0.100	1	04/09/2025 16:27	WG2484754
(S) o-Terphenyl	*94.2*			*52.0-156*		*04/09/2025 16:27*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2780		50.0	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	351		2.74	5.00	5	04/03/2025 03:51	WG2481804
Fluoride	0.565	J	0.380	0.750	5	04/03/2025 03:51	WG2481804
Nitrate as (N)	U		0.442	0.500	5	04/03/2025 03:51	WG2481804
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 03:51	WG2481804
Sulfate	1280		31.8	250	50	04/03/2025 04:08	WG2481804

Sample Narrative:

L1842529-34 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.329		0.0232	0.200	1	04/08/2025 19:53	WG2483122

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00244		0.000120	0.00200	1	04/09/2025 17:28	WG2483125
Barium	0.0208		0.000500	0.00200	1	04/09/2025 17:28	WG2483125
Calcium	370		0.0925	1.00	1	04/09/2025 17:28	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 17:28	WG2483125
Iron	6.86		0.0226	0.100	1	04/09/2025 17:28	WG2483125
Lead	0.000628	J	0.000500	0.00200	1	04/09/2025 17:28	WG2483125
Manganese	0.570		0.000700	0.00500	1	04/09/2025 17:28	WG2483125
Potassium	0.900	J	0.0965	2.00	1	04/09/2025 17:28	WG2483125
Selenium	U		0.000250	0.00200	1	04/09/2025 17:28	WG2483125
Sodium	248		0.142	2.00	1	04/09/2025 17:28	WG2483125
Uranium	0.00748		0.000130	0.00100	1	04/09/2025 17:28	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.403		0.0314	0.100	1	04/07/2025 07:04	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*91.3*			*78.0-120*		*04/07/2025 07:04*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 17:18	WG2486492
Benzene	0.000630	J	0.0000941	0.00100	1	04/09/2025 17:18	WG2486492
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 17:18	WG2486492
Bromoform	U		0.000129	0.00100	1	04/09/2025 17:18	WG2486492
Bromomethane	U	C3	0.000605	0.00500	1	04/09/2025 17:18	WG2486492
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 17:18	WG2486492
sec-Butylbenzene	0.000210	J	0.000125	0.00100	1	04/09/2025 17:18	WG2486492
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/09/2025 17:18	WG2486492
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 17:18	WG2486492
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 17:18	WG2486492

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 17:18	WG2486492
Chloroethane	U		0.000192	0.00500	1	04/09/2025 17:18	WG2486492
Chloroform	U		0.000111	0.00500	1	04/09/2025 17:18	WG2486492
Chloromethane	U		0.000960	0.00250	1	04/09/2025 17:18	WG2486492
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 17:18	WG2486492
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 17:18	WG2486492
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 17:18	WG2486492
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 17:18	WG2486492
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 17:18	WG2486492
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 17:18	WG2486492
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 17:18	WG2486492
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 17:18	WG2486492
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 17:18	WG2486492
Ethylbenzene	0.000167	J	0.000137	0.00100	1	04/09/2025 17:18	WG2486492
Isopropylbenzene	0.000493	J	0.000105	0.00100	1	04/09/2025 17:18	WG2486492
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 17:18	WG2486492
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 17:18	WG2486492
2-Hexanone	U		0.000787	0.0100	1	04/09/2025 17:18	WG2486492
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 17:18	WG2486492
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 17:18	WG2486492
Methyl tert-butyl ether	0.00135		0.000101	0.00100	1	04/09/2025 17:18	WG2486492
Naphthalene	U		0.00100	0.00500	1	04/09/2025 17:18	WG2486492
n-Propylbenzene	0.000307	J	0.0000993	0.00100	1	04/09/2025 17:18	WG2486492
Styrene	U		0.000118	0.00100	1	04/09/2025 17:18	WG2486492
tert-Butyl alcohol	0.00760		0.00406	0.00500	1	04/09/2025 17:18	WG2486492
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 17:18	WG2486492
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 17:18	WG2486492
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 17:18	WG2486492
Toluene	U		0.000278	0.00100	1	04/09/2025 17:18	WG2486492
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 17:18	WG2486492
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 17:18	WG2486492
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 17:18	WG2486492
1,2,4-Trimethylbenzene	0.000351	J	0.000322	0.00100	1	04/09/2025 17:18	WG2486492
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 17:18	WG2486492
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 17:18	WG2486492
o-Xylene	U		0.000174	0.00100	1	04/09/2025 17:18	WG2486492
m&p-Xylene	0.000564	J	0.000430	0.00200	1	04/09/2025 17:18	WG2486492
Xylenes, Total	0.000564	J	0.000174	0.00300	1	04/09/2025 17:18	WG2486492
(S) Toluene-d8	*105*			*80.0-120*		*04/09/2025 17:18*	WG2486492
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*04/09/2025 17:18*	WG2486492
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*04/09/2025 17:18*	WG2486492

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.743		0.0605	0.100	1	04/09/2025 16:59	WG2484754
(S) o-Terphenyl	*103*			*52.0-156*		*04/09/2025 16:59*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2690		50.0	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	260		2.74	5.00	5	04/03/2025 04:25	WG2481804
Fluoride	U		0.380	0.750	5	04/03/2025 04:25	WG2481804
Nitrate as (N)	2.32		0.442	0.500	5	04/03/2025 04:25	WG2481804
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 04:25	WG2481804
Sulfate	1480		31.8	250	50	04/03/2025 04:42	WG2481804

Sample Narrative:

L1842529-35 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.0859	J	0.0232	0.200	1	04/08/2025 19:55	WG2483122

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000611	J	0.000120	0.00200	1	04/09/2025 17:31	WG2483125
Barium	0.0129		0.000500	0.00200	1	04/09/2025 17:31	WG2483125
Calcium	431		0.0925	1.00	1	04/09/2025 17:31	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 17:31	WG2483125
Iron	0.731		0.0226	0.100	1	04/09/2025 17:31	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 17:31	WG2483125
Manganese	0.0190		0.000700	0.00500	1	04/09/2025 17:31	WG2483125
Potassium	2.77		0.0965	2.00	1	04/09/2025 17:31	WG2483125
Selenium	0.00835		0.000250	0.00200	1	04/09/2025 17:31	WG2483125
Sodium	86.4		0.142	2.00	1	04/09/2025 17:31	WG2483125
Uranium	0.00841		0.000130	0.00100	1	04/09/2025 17:31	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0321	B J	0.0314	0.100	1	04/07/2025 07:26	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*78.0-120*		*04/07/2025 07:26*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 17:39	WG2486492
Benzene	U		0.0000941	0.00100	1	04/09/2025 17:39	WG2486492
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 17:39	WG2486492
Bromoform	U		0.000129	0.00100	1	04/09/2025 17:39	WG2486492
Bromomethane	U	C3	0.000605	0.00500	1	04/09/2025 17:39	WG2486492
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 17:39	WG2486492
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 17:39	WG2486492
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/09/2025 17:39	WG2486492
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 17:39	WG2486492
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 17:39	WG2486492

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 17:39	WG2486492
Chloroethane	U		0.000192	0.00500	1	04/09/2025 17:39	WG2486492
Chloroform	U		0.000111	0.00500	1	04/09/2025 17:39	WG2486492
Chloromethane	U		0.000960	0.00250	1	04/09/2025 17:39	WG2486492
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 17:39	WG2486492
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 17:39	WG2486492
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 17:39	WG2486492
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 17:39	WG2486492
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 17:39	WG2486492
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 17:39	WG2486492
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 17:39	WG2486492
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 17:39	WG2486492
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 17:39	WG2486492
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 17:39	WG2486492
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 17:39	WG2486492
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 17:39	WG2486492
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 17:39	WG2486492
2-Hexanone	U		0.000787	0.0100	1	04/09/2025 17:39	WG2486492
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 17:39	WG2486492
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 17:39	WG2486492
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 17:39	WG2486492
Naphthalene	U		0.00100	0.00500	1	04/09/2025 17:39	WG2486492
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 17:39	WG2486492
Styrene	U		0.000118	0.00100	1	04/09/2025 17:39	WG2486492
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 17:39	WG2486492
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 17:39	WG2486492
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 17:39	WG2486492
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 17:39	WG2486492
Toluene	U		0.000278	0.00100	1	04/09/2025 17:39	WG2486492
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 17:39	WG2486492
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 17:39	WG2486492
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 17:39	WG2486492
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 17:39	WG2486492
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 17:39	WG2486492
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 17:39	WG2486492
o-Xylene	U		0.000174	0.00100	1	04/09/2025 17:39	WG2486492
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 17:39	WG2486492
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 17:39	WG2486492
(S) Toluene-d8	*106*			*80.0-120*		*04/09/2025 17:39*	WG2486492
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/09/2025 17:39*	WG2486492
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/09/2025 17:39*	WG2486492

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0915	J	0.0605	0.100	1	04/09/2025 17:20	WG2484754
(S) o-Terphenyl	*132*			*52.0-156*		*04/09/2025 17:20*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3650		50.0	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	251		2.74	5.00	5	04/03/2025 04:58	WG2481804
Fluoride	0.832		0.380	0.750	5	04/03/2025 04:58	WG2481804
Nitrate as (N)	U		0.442	0.500	5	04/03/2025 04:58	WG2481804
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 04:58	WG2481804
Sulfate	2190		31.8	250	50	04/03/2025 05:15	WG2481804

Sample Narrative:

L1842529-36 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00398		0.000120	0.00200	1	04/09/2025 17:41	WG2483125
Barium	0.00921		0.000500	0.00200	1	04/09/2025 17:41	WG2483125
Calcium	507		0.0925	1.00	1	04/09/2025 17:41	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 17:41	WG2483125
Iron	0.0340	J	0.0226	0.100	1	04/09/2025 17:41	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 17:41	WG2483125
Manganese	0.0701		0.000700	0.00500	1	04/09/2025 17:41	WG2483125
Potassium	2.38		0.0965	2.00	1	04/09/2025 17:41	WG2483125
Selenium	0.00224		0.000250	0.00200	1	04/09/2025 17:41	WG2483125
Sodium	203		0.142	2.00	1	04/09/2025 17:41	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/07/2025 07:47	WG2484389
(S) a,a,a-Trifluorotoluene(FID)	*95.3*			*78.0-120*		*04/07/2025 07:47*	WG2484389

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 17:59	WG2486492
Benzene	U		0.0000941	0.00100	1	04/09/2025 17:59	WG2486492
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 17:59	WG2486492
Bromoform	U		0.000129	0.00100	1	04/09/2025 17:59	WG2486492
Bromomethane	U	C3	0.000605	0.00500	1	04/09/2025 17:59	WG2486492
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 17:59	WG2486492
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 17:59	WG2486492
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/09/2025 17:59	WG2486492
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 17:59	WG2486492
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 17:59	WG2486492
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 17:59	WG2486492
Chloroethane	U		0.000192	0.00500	1	04/09/2025 17:59	WG2486492
Chloroform	U		0.000111	0.00500	1	04/09/2025 17:59	WG2486492
Chloromethane	U		0.000960	0.00250	1	04/09/2025 17:59	WG2486492
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 17:59	WG2486492
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 17:59	WG2486492

MW-126B
Collected date/time: 04/01/25 12:05
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 17:59	WG2486492
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 17:59	WG2486492
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 17:59	WG2486492
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 17:59	WG2486492
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 17:59	WG2486492
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 17:59	WG2486492
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 17:59	WG2486492
Ethylbenzene	0.000210	J	0.000137	0.00100	1	04/09/2025 17:59	WG2486492
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 17:59	WG2486492
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 17:59	WG2486492
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 17:59	WG2486492
2-Hexanone	U		0.000787	0.0100	1	04/09/2025 17:59	WG2486492
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 17:59	WG2486492
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 17:59	WG2486492
Methyl tert-butyl ether	0.000512	J	0.000101	0.00100	1	04/09/2025 17:59	WG2486492
Naphthalene	U		0.00100	0.00500	1	04/09/2025 17:59	WG2486492
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 17:59	WG2486492
Styrene	U		0.000118	0.00100	1	04/09/2025 17:59	WG2486492
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 17:59	WG2486492
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 17:59	WG2486492
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 17:59	WG2486492
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 17:59	WG2486492
Toluene	U		0.000278	0.00100	1	04/09/2025 17:59	WG2486492
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 17:59	WG2486492
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 17:59	WG2486492
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 17:59	WG2486492
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 17:59	WG2486492
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 17:59	WG2486492
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 17:59	WG2486492
o-Xylene	U		0.000174	0.00100	1	04/09/2025 17:59	WG2486492
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 17:59	WG2486492
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 17:59	WG2486492
(S) Toluene-d8	*105*			*80.0-120*		*04/09/2025 17:59*	WG2486492
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/09/2025 17:59*	WG2486492
(S) 1,2-Dichloroethane-d4	*97.3*			*70.0-130*		*04/09/2025 17:59*	WG2486492

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.342		0.0605	0.100	1	04/09/2025 17:40	WG2484754
(S) o-Terphenyl	*103*			*52.0-156*		*04/09/2025 17:40*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3550		50.0	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	235		2.74	5.00	5	04/03/2025 06:06	WG2481804
Fluoride	1.23		0.380	0.750	5	04/03/2025 06:06	WG2481804
Nitrate as (N)	U		0.442	0.500	5	04/03/2025 06:06	WG2481804
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 06:06	WG2481804
Sulfate	2120		31.8	250	50	04/03/2025 06:23	WG2481804

Sample Narrative:

L1842529-37 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00328		0.000120	0.00200	1	04/09/2025 17:08	WG2483125
Barium	0.0110		0.000500	0.00200	1	04/09/2025 17:08	WG2483125
Calcium	411		0.0925	1.00	1	04/09/2025 17:08	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 17:08	WG2483125
Iron	U		0.0226	0.100	1	04/09/2025 17:08	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 17:08	WG2483125
Manganese	0.348		0.000700	0.00500	1	04/09/2025 17:08	WG2483125
Potassium	1.32	J	0.0965	2.00	1	04/09/2025 17:08	WG2483125
Selenium	0.000362	J	0.000250	0.00200	1	04/09/2025 17:08	WG2483125
Sodium	207		0.142	2.00	1	04/09/2025 17:08	WG2483125

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/09/2025 18:20	WG2486492
Benzene	U		0.0000941	0.00100	1	04/09/2025 18:20	WG2486492
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 18:20	WG2486492
Bromoform	U		0.000129	0.00100	1	04/09/2025 18:20	WG2486492
Bromomethane	U	C3	0.000605	0.00500	1	04/09/2025 18:20	WG2486492
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 18:20	WG2486492
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 18:20	WG2486492
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/09/2025 18:20	WG2486492
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 18:20	WG2486492
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 18:20	WG2486492
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 18:20	WG2486492
Chloroethane	U		0.000192	0.00500	1	04/09/2025 18:20	WG2486492
Chloroform	U		0.000111	0.00500	1	04/09/2025 18:20	WG2486492
Chloromethane	U		0.000960	0.00250	1	04/09/2025 18:20	WG2486492
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 18:20	WG2486492
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 18:20	WG2486492
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 18:20	WG2486492
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 18:20	WG2486492
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 18:20	WG2486492
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 18:20	WG2486492
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 18:20	WG2486492
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 18:20	WG2486492
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 18:20	WG2486492

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 18:20	WG2486492
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 18:20	WG2486492
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 18:20	WG2486492
2-Butanone (MEK)	U		0.00119	0.0100	1	04/09/2025 18:20	WG2486492
2-Hexanone	U		0.000787	0.0100	1	04/09/2025 18:20	WG2486492
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 18:20	WG2486492
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 18:20	WG2486492
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 18:20	WG2486492
Naphthalene	U		0.00100	0.00500	1	04/09/2025 18:20	WG2486492
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 18:20	WG2486492
Styrene	U		0.000118	0.00100	1	04/09/2025 18:20	WG2486492
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 18:20	WG2486492
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 18:20	WG2486492
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 18:20	WG2486492
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 18:20	WG2486492
Toluene	U		0.000278	0.00100	1	04/09/2025 18:20	WG2486492
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 18:20	WG2486492
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 18:20	WG2486492
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 18:20	WG2486492
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 18:20	WG2486492
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 18:20	WG2486492
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 18:20	WG2486492
o-Xylene	U		0.000174	0.00100	1	04/09/2025 18:20	WG2486492
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 18:20	WG2486492
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 18:20	WG2486492
(S) Toluene-d8	*105*			*80.0-120*		*04/09/2025 18:20*	WG2486492
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/09/2025 18:20*	WG2486492
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*		*04/09/2025 18:20*	WG2486492

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.155		0.0605	0.100	1	04/09/2025 18:00	WG2484754
(S) o-Terphenyl	*95.3*			*52.0-156*		*04/09/2025 18:00*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3520		50.0	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	135		2.74	5.00	5	04/03/2025 06:40	WG2481804
Fluoride	0.436	J	0.380	0.750	5	04/03/2025 06:40	WG2481804
Nitrate as (N)	2.08		0.442	0.500	5	04/03/2025 06:40	WG2481804
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 06:40	WG2481804
Sulfate	2180		31.8	250	50	04/03/2025 06:56	WG2481804

Sample Narrative:

L1842529-38 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.612		0.0232	0.200	1	04/08/2025 19:56	WG2483122

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00167	J	0.000120	0.00200	1	04/09/2025 17:44	WG2483125
Barium	0.00953		0.000500	0.00200	1	04/09/2025 17:44	WG2483125
Calcium	530		0.0925	1.00	1	04/09/2025 17:44	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 17:44	WG2483125
Iron	U		0.0226	0.100	1	04/09/2025 17:44	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 17:44	WG2483125
Manganese	0.000906	J	0.000700	0.00500	1	04/09/2025 17:44	WG2483125
Potassium	0.737	J	0.0965	2.00	1	04/09/2025 17:44	WG2483125
Selenium	0.00205		0.000250	0.00200	1	04/09/2025 17:44	WG2483125
Sodium	148		0.142	2.00	1	04/09/2025 17:44	WG2483125
Uranium	0.0291		0.000130	0.00100	1	04/09/2025 17:44	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.115	B J3	0.0314	0.100	1	04/07/2025 16:57	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*94.0*			*78.0-120*		*04/07/2025 16:57*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 19:19	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 19:19	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 19:19	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 19:19	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 19:19	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 19:19	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 19:19	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 19:19	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 19:19	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 19:19	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 19:19	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 19:19	WG2486753
Chloroform	0.000217	J	0.000111	0.00500	1	04/09/2025 19:19	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 19:19	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 19:19	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 19:19	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 19:19	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 19:19	WG2486753
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 19:19	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 19:19	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 19:19	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 19:19	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 19:19	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 19:19	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 19:19	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 19:19	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 19:19	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 19:19	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 19:19	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 19:19	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 19:19	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 19:19	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 19:19	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 19:19	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 19:19	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 19:19	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 19:19	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 19:19	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 19:19	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 19:19	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 19:19	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 19:19	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 19:19	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 19:19	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 19:19	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 19:19	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 19:19	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 19:19	WG2486753
(S) Toluene-d8	*107*			*80.0-120*		*04/09/2025 19:19*	WG2486753
(S) 4-Bromofluorobenzene	*99.0*			*77.0-126*		*04/09/2025 19:19*	WG2486753
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*04/09/2025 19:19*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0643	J	0.0605	0.100	1	04/09/2025 18:20	WG2484754
(S) o-Terphenyl	*96.3*			*52.0-156*		*04/09/2025 18:20*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3460		50.0	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	114		2.74	5.00	5	04/03/2025 07:13	WG2481804
Fluoride	0.770		0.380	0.750	5	04/03/2025 07:13	WG2481804
Nitrate as (N)	13.5		0.442	0.500	5	04/03/2025 07:13	WG2481804
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 07:13	WG2481804
Sulfate	2070		31.8	250	50	04/03/2025 07:30	WG2481804

Sample Narrative:

L1842529-39 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.269		0.0232	0.200	1	04/08/2025 19:58	WG2483122

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00452		0.000120	0.00200	1	04/09/2025 17:47	WG2483125
Barium	0.0371		0.000500	0.00200	1	04/09/2025 17:47	WG2483125
Calcium	583		0.0925	1.00	1	04/09/2025 17:47	WG2483125
Chromium	0.00496		0.000900	0.00200	1	04/09/2025 17:47	WG2483125
Iron	2.30		0.0226	0.100	1	04/09/2025 17:47	WG2483125
Lead	0.00475		0.000500	0.00200	1	04/09/2025 17:47	WG2483125
Manganese	0.145		0.000700	0.00500	1	04/09/2025 17:47	WG2483125
Potassium	1.60	J	0.0965	2.00	1	04/09/2025 17:47	WG2483125
Selenium	0.0106		0.000250	0.00200	1	04/09/2025 17:47	WG2483125
Sodium	180		0.142	2.00	1	04/09/2025 17:47	WG2483125
Uranium	0.0206		0.000130	0.00100	1	04/09/2025 17:47	WG2483125

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 19:40	WG2486753
Benzene	0.000161	J	0.0000941	0.00100	1	04/09/2025 19:40	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 19:40	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 19:40	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 19:40	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 19:40	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 19:40	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 19:40	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 19:40	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 19:40	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 19:40	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 19:40	WG2486753
Chloroform	0.000338	J	0.000111	0.00500	1	04/09/2025 19:40	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 19:40	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 19:40	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 19:40	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 19:40	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 19:40	WG2486753
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 19:40	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 19:40	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 19:40	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 19:40	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 19:40	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 19:40	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 19:40	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 19:40	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 19:40	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 19:40	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 19:40	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 19:40	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 19:40	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 19:40	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 19:40	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 19:40	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 19:40	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 19:40	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 19:40	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 19:40	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 19:40	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 19:40	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 19:40	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 19:40	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 19:40	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 19:40	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 19:40	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 19:40	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 19:40	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 19:40	WG2486753
(S) Toluene-d8	*106*			*80.0-120*		*04/09/2025 19:40*	WG2486753
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*04/09/2025 19:40*	WG2486753
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*04/09/2025 19:40*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 18:40	WG2484754
(S) o-Terphenyl	*90.5*			*52.0-156*		*04/09/2025 18:40*	WG2484754

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.738	J3	0.0314	0.100	1	04/07/2025 17:18	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*95.0*			*78.0-120*		*04/07/2025 17:18*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.113	0.500	10	04/10/2025 23:09	WG2487614
Benzene	U		0.000941	0.0100	10	04/10/2025 23:09	WG2487614
Bromodichloromethane	U		0.00136	0.0100	10	04/10/2025 23:09	WG2487614
Bromoform	U		0.00129	0.0100	10	04/10/2025 23:09	WG2487614
Bromomethane	U		0.00605	0.0500	10	04/10/2025 23:09	WG2487614
n-Butylbenzene	U		0.00157	0.0100	10	04/10/2025 23:09	WG2487614
sec-Butylbenzene	U		0.00125	0.0100	10	04/10/2025 23:09	WG2487614
Carbon disulfide	0.00233	J	0.000962	0.0100	10	04/10/2025 23:09	WG2487614
Carbon tetrachloride	U		0.00128	0.0100	10	04/10/2025 23:09	WG2487614
Chlorobenzene	U		0.00116	0.0100	10	04/10/2025 23:09	WG2487614
Chlorodibromomethane	U		0.00140	0.0100	10	04/10/2025 23:09	WG2487614
Chloroethane	U		0.00192	0.0500	10	04/10/2025 23:09	WG2487614
Chloroform	U		0.00111	0.0500	10	04/10/2025 23:09	WG2487614
Chloromethane	U		0.00960	0.0250	10	04/10/2025 23:09	WG2487614
1,2-Dibromoethane	U		0.00126	0.0100	10	04/10/2025 23:09	WG2487614
1,1-Dichloroethane	U		0.00100	0.0100	10	04/10/2025 23:09	WG2487614
1,2-Dichloroethane	U		0.000819	0.0100	10	04/10/2025 23:09	WG2487614
1,1-Dichloroethene	U		0.00188	0.0100	10	04/10/2025 23:09	WG2487614
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/10/2025 23:09	WG2487614
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/10/2025 23:09	WG2487614
1,2-Dichloropropane	U		0.00149	0.0100	10	04/10/2025 23:09	WG2487614
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/10/2025 23:09	WG2487614
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/10/2025 23:09	WG2487614
Ethylbenzene	U		0.00137	0.0100	10	04/10/2025 23:09	WG2487614
Isopropylbenzene	U		0.00105	0.0100	10	04/10/2025 23:09	WG2487614
p-Isopropyltoluene	U		0.00120	0.0100	10	04/10/2025 23:09	WG2487614
2-Butanone (MEK)	U	C3	0.0119	0.100	10	04/10/2025 23:09	WG2487614
2-Hexanone	U		0.00787	0.100	10	04/10/2025 23:09	WG2487614
Methylene Chloride	U		0.00430	0.0500	10	04/10/2025 23:09	WG2487614
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/10/2025 23:09	WG2487614
Methyl tert-butyl ether	0.660		0.00101	0.0100	10	04/10/2025 23:09	WG2487614
Naphthalene	U	C3 J4	0.0100	0.0500	10	04/10/2025 23:09	WG2487614
n-Propylbenzene	U		0.000993	0.0100	10	04/10/2025 23:09	WG2487614
Styrene	U		0.00118	0.0100	10	04/10/2025 23:09	WG2487614
tert-Butyl alcohol	U	C3	0.0406	0.0500	10	04/10/2025 23:09	WG2487614
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/10/2025 23:09	WG2487614
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/10/2025 23:09	WG2487614
Tetrachloroethene	U		0.00300	0.0100	10	04/10/2025 23:09	WG2487614
Toluene	U		0.00278	0.0100	10	04/10/2025 23:09	WG2487614
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/10/2025 23:09	WG2487614
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/10/2025 23:09	WG2487614
Trichloroethene	U		0.00190	0.0100	10	04/10/2025 23:09	WG2487614
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/10/2025 23:09	WG2487614
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/10/2025 23:09	WG2487614
Vinyl chloride	U		0.00234	0.0100	10	04/10/2025 23:09	WG2487614
o-Xylene	U		0.00174	0.0100	10	04/10/2025 23:09	WG2487614
m&p-Xylene	U		0.00430	0.0200	10	04/10/2025 23:09	WG2487614
Xylenes, Total	U		0.00174	0.0300	10	04/10/2025 23:09	WG2487614
(S) Toluene-d8	*101*			*80.0-120*		*04/10/2025 23:09*	WG2487614

MW-169
Collected date/time: 04/01/25 11:25
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*04/10/2025 23:09*	WG2487614
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*04/10/2025 23:09*	WG2487614

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	1.10		0.0605	0.100	1	04/09/2025 19:00	WG2484754
(S) o-Terphenyl	*106*			*52.0-156*		*04/09/2025 19:00*	WG2484754

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0797	B J J3	0.0314	0.100	1	04/07/2025 17:40	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*78.0-120*		*04/07/2025 17:40*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 20:00	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 20:00	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 20:00	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 20:00	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 20:00	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 20:00	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 20:00	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 20:00	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 20:00	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 20:00	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 20:00	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 20:00	WG2486753
Chloroform	0.000143	J	0.000111	0.00500	1	04/09/2025 20:00	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 20:00	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 20:00	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 20:00	WG2486753
1,2-Dichloroethane	0.00189		0.0000819	0.00100	1	04/09/2025 20:00	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 20:00	WG2486753
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 20:00	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 20:00	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 20:00	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 20:00	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 20:00	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 20:00	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 20:00	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 20:00	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 20:00	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 20:00	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 20:00	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 20:00	WG2486753
Methyl tert-butyl ether	0.0387		0.000101	0.00100	1	04/09/2025 20:00	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 20:00	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 20:00	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 20:00	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 20:00	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 20:00	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 20:00	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 20:00	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 20:00	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 20:00	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 20:00	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 20:00	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 20:00	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 20:00	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 20:00	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 20:00	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 20:00	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 20:00	WG2486753
(S) Toluene-d8	*105*			*80.0-120*		*04/09/2025 20:00*	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*04/09/2025 20:00*	WG2486753
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*04/09/2025 20:00*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.241		0.0605	0.100	1	04/09/2025 19:21	WG2484754
(S) o-Terphenyl	*98.4*			*52.0-156*		*04/09/2025 19:21*	WG2484754

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3780		50.0	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	156		2.74	5.00	5	04/03/2025 07:47	WG2481804
Fluoride	1.06		0.380	0.750	5	04/03/2025 07:47	WG2481804
Nitrate as (N)	6.45		0.442	0.500	5	04/03/2025 07:47	WG2481804
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 07:47	WG2481804
Sulfate	2360		31.8	250	50	04/03/2025 08:04	WG2481804

Sample Narrative:

L1842529-42 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00309		0.000120	0.00200	1	04/09/2025 17:50	WG2483125
Barium	0.0233		0.000500	0.00200	1	04/09/2025 17:50	WG2483125
Calcium	487		0.0925	1.00	1	04/09/2025 17:50	WG2483125
Chromium	0.00235		0.000900	0.00200	1	04/09/2025 17:50	WG2483125
Iron	0.466		0.0226	0.100	1	04/09/2025 17:50	WG2483125
Lead	0.00142	J	0.000500	0.00200	1	04/09/2025 17:50	WG2483125
Manganese	0.00983		0.000700	0.00500	1	04/09/2025 17:50	WG2483125
Potassium	0.580	J	0.0965	2.00	1	04/09/2025 17:50	WG2483125
Selenium	0.00757		0.000250	0.00200	1	04/09/2025 17:50	WG2483125
Sodium	252		0.142	2.00	1	04/09/2025 17:50	WG2483125

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 20:20	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 20:20	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 20:20	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 20:20	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 20:20	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 20:20	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 20:20	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 20:20	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 20:20	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 20:20	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 20:20	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 20:20	WG2486753
Chloroform	U		0.000111	0.00500	1	04/09/2025 20:20	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 20:20	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 20:20	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 20:20	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 20:20	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 20:20	WG2486753
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 20:20	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 20:20	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 20:20	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 20:20	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 20:20	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 20:20	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 20:20	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 20:20	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 20:20	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 20:20	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 20:20	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 20:20	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 20:20	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 20:20	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 20:20	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 20:20	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 20:20	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 20:20	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 20:20	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 20:20	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 20:20	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 20:20	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 20:20	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 20:20	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 20:20	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 20:20	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 20:20	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 20:20	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 20:20	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 20:20	WG2486753
(S) Toluene-d8	*105*			*80.0-120*		*04/09/2025 20:20*	WG2486753
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*04/09/2025 20:20*	WG2486753
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*		*04/09/2025 20:20*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/08/2025 19:26	WG2484755
(S) o-Terphenyl	*84.2*			*52.0-156*		*04/08/2025 19:26*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3710		50.0	1	04/03/2025 15:12	WG2482020

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	144		2.74	5.00	5	04/03/2025 08:21	WG2481804
Fluoride	0.686	J	0.380	0.750	5	04/03/2025 08:21	WG2481804
Nitrate as (N)	0.768		0.442	0.500	5	04/03/2025 08:21	WG2481804
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 08:21	WG2481804
Sulfate	2240		31.8	250	50	04/03/2025 08:38	WG2481804

Sample Narrative:

L1842529-43 WG2481804: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00202		0.000120	0.00200	1	04/09/2025 17:54	WG2483125
Barium	0.0578		0.000500	0.00200	1	04/09/2025 17:54	WG2483125
Calcium	521		0.0925	1.00	1	04/09/2025 17:54	WG2483125
Chromium	0.00231		0.000900	0.00200	1	04/09/2025 17:54	WG2483125
Iron	0.804		0.0226	0.100	1	04/09/2025 17:54	WG2483125
Lead	0.00142	J	0.000500	0.00200	1	04/09/2025 17:54	WG2483125
Manganese	0.0550		0.000700	0.00500	1	04/09/2025 17:54	WG2483125
Potassium	0.807	J	0.0965	2.00	1	04/09/2025 17:54	WG2483125
Selenium	0.00475		0.000250	0.00200	1	04/09/2025 17:54	WG2483125
Sodium	183		0.142	2.00	1	04/09/2025 17:54	WG2483125

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 20:40	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 20:40	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 20:40	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 20:40	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 20:40	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 20:40	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 20:40	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 20:40	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 20:40	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 20:40	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 20:40	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 20:40	WG2486753
Chloroform	U		0.000111	0.00500	1	04/09/2025 20:40	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 20:40	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 20:40	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 20:40	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 20:40	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 20:40	WG2486753
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 20:40	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 20:40	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 20:40	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 20:40	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 20:40	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 20:40	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 20:40	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 20:40	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 20:40	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 20:40	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 20:40	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 20:40	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 20:40	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 20:40	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 20:40	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 20:40	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 20:40	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 20:40	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 20:40	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 20:40	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 20:40	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 20:40	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 20:40	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 20:40	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 20:40	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 20:40	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 20:40	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 20:40	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 20:40	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 20:40	WG2486753
(S) Toluene-d8	*107*			*80.0-120*		*04/09/2025 20:40*	WG2486753
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*04/09/2025 20:40*	WG2486753
(S) 1,2-Dichloroethane-d4	*96.2*			*70.0-130*		*04/09/2025 20:40*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0679	J	0.0605	0.100	1	04/08/2025 19:46	WG2484755
(S) o-Terphenyl	*58.4*			*52.0-156*		*04/08/2025 19:46*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3860		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	129		5.47	10.0	10	04/02/2025 23:22	WG2481821
Fluoride	U		0.761	1.50	10	04/02/2025 23:22	WG2481821
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 23:22	WG2481821
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 23:22	WG2481821
Sulfate	2180		63.7	500	100	04/03/2025 05:51	WG2481821

Sample Narrative:

L1842529-44 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.614		0.0232	0.200	1	04/08/2025 20:03	WG2483122

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00164	J	0.000120	0.00200	1	04/09/2025 17:57	WG2483125
Barium	0.0105		0.000500	0.00200	1	04/09/2025 17:57	WG2483125
Calcium	529		0.0925	1.00	1	04/09/2025 17:57	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 17:57	WG2483125
Iron	U		0.0226	0.100	1	04/09/2025 17:57	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 17:57	WG2483125
Manganese	0.000948	J	0.000700	0.00500	1	04/09/2025 17:57	WG2483125
Potassium	0.727	J	0.0965	2.00	1	04/09/2025 17:57	WG2483125
Selenium	0.00218		0.000250	0.00200	1	04/09/2025 17:57	WG2483125
Sodium	155		0.142	2.00	1	04/09/2025 17:57	WG2483125
Uranium	0.0289		0.000130	0.00100	1	04/09/2025 17:57	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U	J3	0.0314	0.100	1	04/07/2025 18:01	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*95.4*			*78.0-120*		*04/07/2025 18:01*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 21:00	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 21:00	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 21:00	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 21:00	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 21:00	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 21:00	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 21:00	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 21:00	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 21:00	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 21:00	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 21:00	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 21:00	WG2486753
Chloroform	U		0.000111	0.00500	1	04/09/2025 21:00	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 21:00	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 21:00	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 21:00	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 21:00	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 21:00	WG2486753
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 21:00	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 21:00	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 21:00	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 21:00	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 21:00	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 21:00	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 21:00	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 21:00	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 21:00	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 21:00	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 21:00	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 21:00	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 21:00	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 21:00	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 21:00	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 21:00	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 21:00	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 21:00	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 21:00	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 21:00	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 21:00	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 21:00	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 21:00	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 21:00	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 21:00	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 21:00	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 21:00	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 21:00	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 21:00	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 21:00	WG2486753
(S) Toluene-d8	*106*			*80.0-120*		*04/09/2025 21:00*	WG2486753
(S) 4-Bromofluorobenzene	*97.4*			*77.0-126*		*04/09/2025 21:00*	WG2486753
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*04/09/2025 21:00*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/08/2025 20:07	WG2484755
(S) o-Terphenyl	*60.0*			*52.0-156*		*04/08/2025 20:07*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	28.0		10.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	04/02/2025 23:36	WG2481821
Fluoride	U		0.0761	0.150	1	04/02/2025 23:36	WG2481821
Nitrate as (N)	U		0.0884	0.100	1	04/02/2025 23:36	WG2481821
Nitrite as (N)	U		0.0794	0.100	1	04/02/2025 23:36	WG2481821
Sulfate	U		0.637	5.00	1	04/02/2025 23:36	WG2481821

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	U		0.0232	0.200	1	04/08/2025 20:05	WG2483122

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	04/09/2025 18:00	WG2483125
Barium	U		0.000500	0.00200	1	04/09/2025 18:00	WG2483125
Calcium	0.193	J	0.0925	1.00	1	04/09/2025 18:00	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 18:00	WG2483125
Iron	U		0.0226	0.100	1	04/09/2025 18:00	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 18:00	WG2483125
Manganese	U		0.000700	0.00500	1	04/09/2025 18:00	WG2483125
Potassium	U		0.0965	2.00	1	04/09/2025 18:00	WG2483125
Selenium	U		0.000250	0.00200	1	04/09/2025 18:00	WG2483125
Sodium	0.334	J	0.142	2.00	1	04/09/2025 18:00	WG2483125
Uranium	U		0.000130	0.00100	1	04/09/2025 18:00	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U	J3	0.0314	0.100	1	04/07/2025 14:27	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*94.0*			*78.0-120*		*04/07/2025 14:27*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 17:39	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 17:39	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 17:39	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 17:39	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 17:39	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 17:39	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 17:39	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 17:39	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 17:39	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 17:39	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 17:39	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 17:39	WG2486753
Chloroform	U		0.000111	0.00500	1	04/09/2025 17:39	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/09/2025 17:39	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 17:39	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 17:39	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 17:39	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 17:39	WG2486753
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 17:39	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 17:39	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 17:39	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 17:39	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 17:39	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 17:39	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 17:39	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 17:39	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 17:39	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 17:39	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 17:39	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 17:39	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 17:39	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 17:39	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 17:39	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 17:39	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 17:39	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 17:39	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 17:39	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 17:39	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 17:39	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 17:39	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 17:39	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 17:39	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 17:39	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 17:39	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 17:39	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 17:39	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 17:39	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 17:39	WG2486753
(S) Toluene-d8	*104*			*80.0-120*		*04/09/2025 17:39*	WG2486753
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*		*04/09/2025 17:39*	WG2486753
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/09/2025 17:39*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	5.24		0.0605	0.100	1	04/08/2025 20:27	WG2484755
(S) o-Terphenyl	*119*			*52.0-156*		*04/08/2025 20:27*	WG2484755

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Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 17:59	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 17:59	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 17:59	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 17:59	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 17:59	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 17:59	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 17:59	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 17:59	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 17:59	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 17:59	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 17:59	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 17:59	WG2486753
Chloroform	U		0.000111	0.00500	1	04/09/2025 17:59	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 17:59	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 17:59	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 17:59	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 17:59	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 17:59	WG2486753
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 17:59	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 17:59	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 17:59	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 17:59	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 17:59	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 17:59	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 17:59	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 17:59	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 17:59	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 17:59	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 17:59	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 17:59	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 17:59	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 17:59	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 17:59	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 17:59	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 17:59	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 17:59	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 17:59	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 17:59	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 17:59	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 17:59	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 17:59	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 17:59	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 17:59	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 17:59	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 17:59	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 17:59	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 17:59	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 17:59	WG2486753
(S) Toluene-d8	*107*			*80.0-120*		*04/09/2025 17:59*	WG2486753
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*04/09/2025 17:59*	WG2486753
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*04/09/2025 17:59*	WG2486753

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Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4670		100	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	588		5.47	10.0	10	04/03/2025 00:29	WG2481821
Fluoride	1.94		0.761	1.50	10	04/03/2025 00:29	WG2481821
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 00:29	WG2481821
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 00:29	WG2481821
Sulfate	2380		63.7	500	100	04/03/2025 06:04	WG2481821

Sample Narrative:

L1842529-47 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.413		0.0232	0.200	1	04/08/2025 20:06	WG2483122
Boron,Dissolved	0.442		0.0232	0.200	1	04/04/2025 20:13	WG2483114

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00416		0.000120	0.00200	1	04/09/2025 18:03	WG2483125
Arsenic,Dissolved	0.00424		0.000120	0.00200	1	04/07/2025 17:59	WG2482428
Barium	0.0103		0.000500	0.00200	1	04/09/2025 18:03	WG2483125
Calcium	658		0.0925	1.00	1	04/09/2025 18:03	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 18:03	WG2483125
Iron	U		0.0226	0.100	1	04/09/2025 18:03	WG2483125
Iron,Dissolved	U		0.0226	0.100	1	04/07/2025 17:59	WG2482428
Lead	U		0.000500	0.00200	1	04/09/2025 18:03	WG2483125
Manganese	0.0273		0.000700	0.00500	1	04/09/2025 18:03	WG2483125
Manganese,Dissolved	0.0274		0.000700	0.00500	1	04/07/2025 17:59	WG2482428
Potassium	1.72	J	0.0965	2.00	1	04/09/2025 18:03	WG2483125
Selenium	0.00992		0.000250	0.00200	1	04/09/2025 18:03	WG2483125
Sodium	216		0.142	2.00	1	04/09/2025 18:03	WG2483125
Uranium	0.0409		0.000130	0.00100	1	04/09/2025 18:03	WG2483125
Uranium,Dissolved	0.0421		0.000130	0.00100	1	04/07/2025 17:59	WG2482428

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4870		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	317		5.47	10.0	10	04/03/2025 00:43	WG2481821
Fluoride	1.06	J	0.761	1.50	10	04/03/2025 00:43	WG2481821
Sulfate	2550		63.7	500	100	04/03/2025 06:17	WG2481821

Sample Narrative:

L1842529-48 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00336		0.000120	0.00200	1	04/09/2025 18:07	WG2483125
Barium	0.0111		0.000500	0.00200	1	04/09/2025 18:07	WG2483125
Calcium	540		0.0925	1.00	1	04/09/2025 18:07	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 18:07	WG2483125
Iron	0.117		0.0226	0.100	1	04/09/2025 18:07	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 18:07	WG2483125
Manganese	0.0296		0.000700	0.00500	1	04/09/2025 18:07	WG2483125
Potassium	1.36	J	0.0965	2.00	1	04/09/2025 18:07	WG2483125
Selenium	0.00193	J	0.000250	0.00200	1	04/09/2025 18:07	WG2483125
Sodium	237		0.142	2.00	1	04/09/2025 18:07	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U	J3	0.0314	0.100	1	04/07/2025 18:22	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*96.6*			*78.0-120*		*04/07/2025 18:22*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 21:20	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 21:20	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 21:20	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 21:20	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 21:20	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 21:20	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 21:20	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 21:20	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 21:20	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 21:20	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 21:20	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 21:20	WG2486753
Chloroform	U		0.000111	0.00500	1	04/09/2025 21:20	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 21:20	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 21:20	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 21:20	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 21:20	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 21:20	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 21:20	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 21:20	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 21:20	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 21:20	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 21:20	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 21:20	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 21:20	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 21:20	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 21:20	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 21:20	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 21:20	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 21:20	WG2486753
Methyl tert-butyl ether	0.000467	J	0.000101	0.00100	1	04/09/2025 21:20	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 21:20	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 21:20	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 21:20	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 21:20	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 21:20	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 21:20	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 21:20	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 21:20	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 21:20	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 21:20	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 21:20	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 21:20	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 21:20	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 21:20	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 21:20	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 21:20	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 21:20	WG2486753
(S) Toluene-d8	*106*			*80.0-120*		*04/09/2025 21:20*	WG2486753
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*		*04/09/2025 21:20*	WG2486753
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*		*04/09/2025 21:20*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.220		0.0605	0.100	1	04/08/2025 20:47	WG2484755
(S) o-Terphenyl	*135*			*52.0-156*		*04/08/2025 20:47*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5290		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	259		5.47	10.0	10	04/03/2025 00:56	WG2481821
Fluoride	0.983	J	0.761	1.50	10	04/03/2025 00:56	WG2481821
Sulfate	2890		63.7	500	100	04/03/2025 06:31	WG2481821

Sample Narrative:

L1842529-49 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00381		0.000120	0.00200	1	04/09/2025 18:10	WG2483125
Barium	0.00837		0.000500	0.00200	1	04/09/2025 18:10	WG2483125
Calcium	531		0.0925	1.00	1	04/09/2025 18:10	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 18:10	WG2483125
Iron	U		0.0226	0.100	1	04/09/2025 18:10	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 18:10	WG2483125
Manganese	0.00160	J	0.000700	0.00500	1	04/09/2025 18:10	WG2483125
Potassium	1.56	J	0.0965	2.00	1	04/09/2025 18:10	WG2483125
Selenium	0.00539		0.000250	0.00200	1	04/09/2025 18:10	WG2483125
Sodium	254		0.142	2.00	1	04/09/2025 18:10	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U	J3	0.0314	0.100	1	04/07/2025 18:44	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*95.0*			*78.0-120*		*04/07/2025 18:44*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 21:41	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 21:41	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 21:41	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 21:41	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 21:41	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 21:41	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 21:41	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 21:41	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 21:41	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 21:41	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 21:41	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 21:41	WG2486753
Chloroform	U		0.000111	0.00500	1	04/09/2025 21:41	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 21:41	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 21:41	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 21:41	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 21:41	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 21:41	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 21:41	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 21:41	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 21:41	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 21:41	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 21:41	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 21:41	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 21:41	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 21:41	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 21:41	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 21:41	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 21:41	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 21:41	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 21:41	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 21:41	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 21:41	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 21:41	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 21:41	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 21:41	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 21:41	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 21:41	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 21:41	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 21:41	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 21:41	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 21:41	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 21:41	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 21:41	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 21:41	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 21:41	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 21:41	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 21:41	WG2486753
(S) Toluene-d8	*106*			*80.0-120*		*04/09/2025 21:41*	WG2486753
(S) 4-Bromofluorobenzene	*94.9*			*77.0-126*		*04/09/2025 21:41*	WG2486753
(S) 1,2-Dichloroethane-d4	*95.3*			*70.0-130*		*04/09/2025 21:41*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/08/2025 21:08	WG2484755
(S) o-Terphenyl	*138*			*52.0-156*		*04/08/2025 21:08*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4760		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	389		5.47	10.0	10	04/03/2025 01:09	WG2481821
Fluoride	0.799	J	0.761	1.50	10	04/03/2025 01:09	WG2481821
Nitrate as (N)	7.64		0.884	1.00	10	04/03/2025 01:09	WG2481821
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 01:09	WG2481821
Sulfate	2620		63.7	500	100	04/03/2025 06:44	WG2481821

Sample Narrative:

L1842529-50 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00392		0.000120	0.00200	1	04/09/2025 18:23	WG2483125
Barium	0.0595		0.000500	0.00200	1	04/09/2025 18:23	WG2483125
Calcium	565		0.0925	1.00	1	04/09/2025 18:23	WG2483125
Chromium	0.00279		0.000900	0.00200	1	04/09/2025 18:23	WG2483125
Iron	1.27		0.0226	0.100	1	04/09/2025 18:23	WG2483125
Lead	0.00172	J	0.000500	0.00200	1	04/09/2025 18:23	WG2483125
Manganese	0.0666		0.000700	0.00500	1	04/09/2025 18:23	WG2483125
Potassium	1.10	J	0.0965	2.00	1	04/09/2025 18:23	WG2483125
Selenium	0.0121		0.000250	0.00200	1	04/09/2025 18:23	WG2483125
Sodium	402		0.142	2.00	1	04/09/2025 18:23	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U	J3	0.0314	0.100	1	04/07/2025 19:05	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*97.2*			*78.0-120*		*04/07/2025 19:05*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 22:02	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 22:02	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 22:02	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 22:02	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 22:02	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 22:02	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 22:02	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 22:02	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 22:02	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 22:02	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 22:02	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 22:02	WG2486753
Chloroform	U		0.000111	0.00500	1	04/09/2025 22:02	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 22:02	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 22:02	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 22:02	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 22:02	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 22:02	WG2486753
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 22:02	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 22:02	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 22:02	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 22:02	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 22:02	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 22:02	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 22:02	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 22:02	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 22:02	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 22:02	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 22:02	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 22:02	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 22:02	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 22:02	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 22:02	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 22:02	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 22:02	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 22:02	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 22:02	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 22:02	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 22:02	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 22:02	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 22:02	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 22:02	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 22:02	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 22:02	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 22:02	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 22:02	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 22:02	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 22:02	WG2486753
(S) Toluene-d8	*106*			*80.0-120*		*04/09/2025 22:02*	WG2486753
(S) 4-Bromofluorobenzene	*97.0*			*77.0-126*		*04/09/2025 22:02*	WG2486753
(S) 1,2-Dichloroethane-d4	*97.4*			*70.0-130*		*04/09/2025 22:02*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/08/2025 21:28	WG2484755
(S) o-Terphenyl	*129*			*52.0-156*		*04/08/2025 21:28*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4540		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	390		5.47	10.0	10	04/03/2025 01:23	WG2481821
Fluoride	U		0.761	1.50	10	04/03/2025 01:23	WG2481821
Sulfate	2520		63.7	500	100	04/03/2025 06:58	WG2481821

Sample Narrative:

L1842529-51 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00568		0.000120	0.00200	1	04/09/2025 18:26	WG2483125
Barium	0.739		0.00250	0.0100	5	04/09/2025 19:16	WG2483125
Calcium	769		0.0925	1.00	1	04/09/2025 18:26	WG2483125
Chromium	0.00785		0.000900	0.00200	1	04/09/2025 18:26	WG2483125
Iron	6.79		0.0226	0.100	1	04/09/2025 18:26	WG2483125
Lead	0.0178		0.000500	0.00200	1	04/09/2025 18:26	WG2483125
Manganese	0.657		0.000700	0.00500	1	04/09/2025 18:26	WG2483125
Potassium	1.78	J	0.0965	2.00	1	04/09/2025 18:26	WG2483125
Selenium	0.0133		0.000250	0.00200	1	04/09/2025 18:26	WG2483125
Sodium	364		0.142	2.00	1	04/09/2025 18:26	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U	J3	0.0314	0.100	1	04/07/2025 19:27	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*95.0*			*78.0-120*		*04/07/2025 19:27*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 22:21	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 22:21	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 22:21	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 22:21	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 22:21	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 22:21	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 22:21	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 22:21	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 22:21	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 22:21	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 22:21	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 22:21	WG2486753
Chloroform	0.000257	J	0.000111	0.00500	1	04/09/2025 22:21	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 22:21	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 22:21	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 22:21	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 22:21	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 22:21	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 22:21	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 22:21	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 22:21	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 22:21	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 22:21	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 22:21	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 22:21	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 22:21	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 22:21	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 22:21	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 22:21	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 22:21	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 22:21	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 22:21	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 22:21	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 22:21	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 22:21	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 22:21	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 22:21	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 22:21	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 22:21	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 22:21	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 22:21	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 22:21	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 22:21	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 22:21	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 22:21	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 22:21	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 22:21	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 22:21	WG2486753
(S) Toluene-d8	*105*			*80.0-120*		*04/09/2025 22:21*	WG2486753
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*04/09/2025 22:21*	WG2486753
(S) 1,2-Dichloroethane-d4	*96.7*			*70.0-130*		*04/09/2025 22:21*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/08/2025 21:48	WG2484755
(S) o-Terphenyl	*119*			*52.0-156*		*04/08/2025 21:48*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3780		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	287		5.47	10.0	10	04/03/2025 01:36	WG2481821
Fluoride	1.11	J	0.761	1.50	10	04/03/2025 01:36	WG2481821
Sulfate	1890		63.7	500	100	04/03/2025 07:11	WG2481821

Sample Narrative:

L1842529-52 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00472		0.000120	0.00200	1	04/09/2025 18:30	WG2483125
Barium	0.256		0.000500	0.00200	1	04/09/2025 18:30	WG2483125
Calcium	656		0.0925	1.00	1	04/09/2025 18:30	WG2483125
Chromium	0.00821		0.000900	0.00200	1	04/09/2025 18:30	WG2483125
Iron	7.23		0.0226	0.100	1	04/09/2025 18:30	WG2483125
Lead	0.0126		0.000500	0.00200	1	04/09/2025 18:30	WG2483125
Manganese	0.990		0.000700	0.00500	1	04/09/2025 18:30	WG2483125
Potassium	6.22		0.0965	2.00	1	04/09/2025 18:30	WG2483125
Selenium	0.0114		0.000250	0.00200	1	04/09/2025 18:30	WG2483125
Sodium	216		0.142	2.00	1	04/09/2025 18:30	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U	J3	0.0314	0.100	1	04/07/2025 19:49	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*94.3*			*78.0-120*		*04/07/2025 19:49*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 22:41	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 22:41	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 22:41	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 22:41	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 22:41	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 22:41	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 22:41	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 22:41	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 22:41	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 22:41	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 22:41	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 22:41	WG2486753
Chloroform	U		0.000111	0.00500	1	04/09/2025 22:41	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 22:41	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 22:41	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 22:41	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 22:41	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 22:41	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 22:41	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 22:41	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 22:41	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 22:41	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 22:41	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 22:41	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 22:41	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 22:41	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 22:41	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 22:41	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 22:41	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 22:41	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 22:41	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 22:41	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 22:41	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 22:41	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 22:41	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 22:41	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 22:41	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 22:41	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 22:41	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 22:41	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 22:41	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 22:41	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 22:41	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 22:41	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 22:41	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 22:41	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 22:41	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 22:41	WG2486753
(S) Toluene-d8	*106*			*80.0-120*		*04/09/2025 22:41*	WG2486753
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*04/09/2025 22:41*	WG2486753
(S) 1,2-Dichloroethane-d4	*97.6*			*70.0-130*		*04/09/2025 22:41*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/08/2025 22:08	WG2484755
(S) o-Terphenyl	*60.0*			*52.0-156*		*04/08/2025 22:08*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	5030		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	259		5.47	10.0	10	04/03/2025 01:50	WG2481821
Fluoride	0.985	J	0.761	1.50	10	04/03/2025 01:50	WG2481821
Sulfate	2960		63.7	500	100	04/03/2025 07:24	WG2481821

Sample Narrative:

L1842529-53 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00434		0.000120	0.00200	1	04/09/2025 18:33	WG2483125
Barium	0.00848		0.000500	0.00200	1	04/09/2025 18:33	WG2483125
Calcium	534		0.0925	1.00	1	04/09/2025 18:33	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 18:33	WG2483125
Iron	0.0260	J	0.0226	0.100	1	04/09/2025 18:33	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 18:33	WG2483125
Manganese	0.00213	J	0.000700	0.00500	1	04/09/2025 18:33	WG2483125
Potassium	1.60	J	0.0965	2.00	1	04/09/2025 18:33	WG2483125
Selenium	0.00498		0.000250	0.00200	1	04/09/2025 18:33	WG2483125
Sodium	251		0.142	2.00	1	04/09/2025 18:33	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U	J3	0.0314	0.100	1	04/07/2025 20:10	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*78.0-120*		*04/07/2025 20:10*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 23:01	WG2486753
Benzene	U		0.0000941	0.00100	1	04/09/2025 23:01	WG2486753
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 23:01	WG2486753
Bromoform	U		0.000129	0.00100	1	04/09/2025 23:01	WG2486753
Bromomethane	U		0.000605	0.00500	1	04/09/2025 23:01	WG2486753
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 23:01	WG2486753
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 23:01	WG2486753
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 23:01	WG2486753
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 23:01	WG2486753
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 23:01	WG2486753
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 23:01	WG2486753
Chloroethane	U		0.000192	0.00500	1	04/09/2025 23:01	WG2486753
Chloroform	U		0.000111	0.00500	1	04/09/2025 23:01	WG2486753
Chloromethane	U		0.000960	0.00250	1	04/09/2025 23:01	WG2486753
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 23:01	WG2486753
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 23:01	WG2486753
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 23:01	WG2486753
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 23:01	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 23:01	WG2486753
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 23:01	WG2486753
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 23:01	WG2486753
cis-1,3-Dichloropropene	U	J4	0.000111	0.00100	1	04/09/2025 23:01	WG2486753
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 23:01	WG2486753
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 23:01	WG2486753
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 23:01	WG2486753
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 23:01	WG2486753
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 23:01	WG2486753
2-Hexanone	U	J3 J4	0.000787	0.0100	1	04/09/2025 23:01	WG2486753
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 23:01	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 23:01	WG2486753
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 23:01	WG2486753
Naphthalene	U	C3	0.00100	0.00500	1	04/09/2025 23:01	WG2486753
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 23:01	WG2486753
Styrene	U		0.000118	0.00100	1	04/09/2025 23:01	WG2486753
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 23:01	WG2486753
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 23:01	WG2486753
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 23:01	WG2486753
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 23:01	WG2486753
Toluene	U		0.000278	0.00100	1	04/09/2025 23:01	WG2486753
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 23:01	WG2486753
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 23:01	WG2486753
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 23:01	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.000322	0.00100	1	04/09/2025 23:01	WG2486753
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 23:01	WG2486753
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 23:01	WG2486753
o-Xylene	U		0.000174	0.00100	1	04/09/2025 23:01	WG2486753
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 23:01	WG2486753
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 23:01	WG2486753
(S) Toluene-d8	*108*			*80.0-120*		*04/09/2025 23:01*	WG2486753
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*04/09/2025 23:01*	WG2486753
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*04/09/2025 23:01*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0919	J	0.0605	0.100	1	04/08/2025 22:29	WG2484755
(S) o-Terphenyl	*85.3*			*52.0-156*		*04/08/2025 22:29*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	65.0		10.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	04/03/2025 02:03	WG2481821
Fluoride	U		0.0761	0.150	1	04/03/2025 02:03	WG2481821
Sulfate	U		0.637	5.00	1	04/03/2025 02:03	WG2481821

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	04/09/2025 18:36	WG2483125
Barium	U		0.000500	0.00200	1	04/09/2025 18:36	WG2483125
Calcium	U		0.0925	1.00	1	04/09/2025 18:36	WG2483125
Chromium	U		0.000900	0.00200	1	04/09/2025 18:36	WG2483125
Iron	U		0.0226	0.100	1	04/09/2025 18:36	WG2483125
Lead	U		0.000500	0.00200	1	04/09/2025 18:36	WG2483125
Manganese	0.000704	J	0.000700	0.00500	1	04/09/2025 18:36	WG2483125
Potassium	U		0.0965	2.00	1	04/09/2025 18:36	WG2483125
Selenium	U		0.000250	0.00200	1	04/09/2025 18:36	WG2483125
Sodium	0.250	J	0.142	2.00	1	04/09/2025 18:36	WG2483125

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U	J3	0.0314	0.100	1	04/07/2025 14:49	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*94.5*			*78.0-120*		*04/07/2025 14:49*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 22:29	WG2487614
Benzene	U		0.0000941	0.00100	1	04/10/2025 22:29	WG2487614
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 22:29	WG2487614
Bromoform	U		0.000129	0.00100	1	04/10/2025 22:29	WG2487614
Bromomethane	U		0.000605	0.00500	1	04/10/2025 22:29	WG2487614
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 22:29	WG2487614
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 22:29	WG2487614
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 22:29	WG2487614
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 22:29	WG2487614
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 22:29	WG2487614
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 22:29	WG2487614
Chloroethane	U		0.000192	0.00500	1	04/10/2025 22:29	WG2487614
Chloroform	U		0.000111	0.00500	1	04/10/2025 22:29	WG2487614
Chloromethane	U		0.000960	0.00250	1	04/10/2025 22:29	WG2487614
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 22:29	WG2487614
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 22:29	WG2487614
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 22:29	WG2487614
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 22:29	WG2487614
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 22:29	WG2487614
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 22:29	WG2487614
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 22:29	WG2487614

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 22:29	WG2487614
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 22:29	WG2487614
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 22:29	WG2487614
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 22:29	WG2487614
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 22:29	WG2487614
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/10/2025 22:29	WG2487614
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 22:29	WG2487614
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 22:29	WG2487614
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 22:29	WG2487614
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 22:29	WG2487614
Naphthalene	U	C3 J4	0.00100	0.00500	1	04/10/2025 22:29	WG2487614
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 22:29	WG2487614
Styrene	U		0.000118	0.00100	1	04/10/2025 22:29	WG2487614
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/10/2025 22:29	WG2487614
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 22:29	WG2487614
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 22:29	WG2487614
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 22:29	WG2487614
Toluene	U		0.000278	0.00100	1	04/10/2025 22:29	WG2487614
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 22:29	WG2487614
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 22:29	WG2487614
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 22:29	WG2487614
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 22:29	WG2487614
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 22:29	WG2487614
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 22:29	WG2487614
o-Xylene	U		0.000174	0.00100	1	04/10/2025 22:29	WG2487614
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 22:29	WG2487614
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 22:29	WG2487614
(S) Toluene-d8	*99.6*			*80.0-120*		*04/10/2025 22:29*	WG2487614
(S) 4-Bromofluorobenzene	*94.3*			*77.0-126*		*04/10/2025 22:29*	WG2487614
(S) 1,2-Dichloroethane-d4	*95.3*			*70.0-130*		*04/10/2025 22:29*	WG2487614

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/08/2025 22:49	WG2484755
(S) o-Terphenyl	*75.3*			*52.0-156*		*04/08/2025 22:49*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	994		20.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	58.4		0.547	1.00	1	04/03/2025 03:10	WG2481821
Fluoride	1.01		0.0761	0.150	1	04/03/2025 03:10	WG2481821
Nitrate as (N)	U		0.0884	0.100	1	04/03/2025 03:10	WG2481821
Nitrite as (N)	U		0.0794	0.100	1	04/03/2025 03:10	WG2481821
Sulfate	133		3.18	25.0	5	04/03/2025 07:38	WG2481821

Sample Narrative:

L1842529-55 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00146	J	0.000120	0.00200	1	04/08/2025 20:35	WG2484507
Barium	0.0503		0.000500	0.00200	1	04/08/2025 20:35	WG2484507
Calcium	133		0.0925	1.00	1	04/08/2025 20:35	WG2484507
Chromium	0.00619		0.000900	0.00200	1	04/08/2025 20:35	WG2484507
Iron	0.277		0.0226	0.100	1	04/08/2025 20:35	WG2484507
Lead	U		0.000500	0.00200	1	04/08/2025 20:35	WG2484507
Manganese	0.497		0.000700	0.00500	1	04/08/2025 20:35	WG2484507
Potassium	0.920	J	0.0965	2.00	1	04/08/2025 20:35	WG2484507
Selenium	U		0.000250	0.00200	1	04/08/2025 20:35	WG2484507
Sodium	125		0.142	2.00	1	04/08/2025 20:35	WG2484507

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.40		0.157	0.500	5	04/08/2025 13:46	WG2485089
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*78.0-120*		*04/08/2025 13:46*	WG2485089

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.226	1.00	20	04/10/2025 23:30	WG2487614
Benzene	0.454		0.00188	0.0200	20	04/10/2025 23:30	WG2487614
Bromodichloromethane	U		0.00272	0.0200	20	04/10/2025 23:30	WG2487614
Bromoform	U		0.00258	0.0200	20	04/10/2025 23:30	WG2487614
Bromomethane	U		0.0121	0.100	20	04/10/2025 23:30	WG2487614
n-Butylbenzene	U		0.00314	0.0200	20	04/10/2025 23:30	WG2487614
sec-Butylbenzene	U		0.00250	0.0200	20	04/10/2025 23:30	WG2487614
Carbon disulfide	U		0.00192	0.0200	20	04/10/2025 23:30	WG2487614
Carbon tetrachloride	U		0.00256	0.0200	20	04/10/2025 23:30	WG2487614
Chlorobenzene	U		0.00232	0.0200	20	04/10/2025 23:30	WG2487614
Chlorodibromomethane	U		0.00280	0.0200	20	04/10/2025 23:30	WG2487614
Chloroethane	U		0.00384	0.100	20	04/10/2025 23:30	WG2487614
Chloroform	0.00511	J	0.00222	0.100	20	04/10/2025 23:30	WG2487614
Chloromethane	U		0.0192	0.0500	20	04/10/2025 23:30	WG2487614
1,2-Dibromoethane	U		0.00252	0.0200	20	04/10/2025 23:30	WG2487614
1,1-Dichloroethane	U		0.00200	0.0200	20	04/10/2025 23:30	WG2487614

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.00164	0.0200	20	04/10/2025 23:30	WG2487614
1,1-Dichloroethene	U		0.00376	0.0200	20	04/10/2025 23:30	WG2487614
cis-1,2-Dichloroethene	U		0.00252	0.0200	20	04/10/2025 23:30	WG2487614
trans-1,2-Dichloroethene	U		0.00298	0.0200	20	04/10/2025 23:30	WG2487614
1,2-Dichloropropane	U		0.00298	0.0200	20	04/10/2025 23:30	WG2487614
cis-1,3-Dichloropropene	U		0.00222	0.0200	20	04/10/2025 23:30	WG2487614
trans-1,3-Dichloropropene	U		0.00236	0.0200	20	04/10/2025 23:30	WG2487614
Ethylbenzene	U		0.00274	0.0200	20	04/10/2025 23:30	WG2487614
Isopropylbenzene	0.00724	J	0.00210	0.0200	20	04/10/2025 23:30	WG2487614
p-Isopropyltoluene	U		0.00240	0.0200	20	04/10/2025 23:30	WG2487614
2-Butanone (MEK)	U	C3	0.0238	0.200	20	04/10/2025 23:30	WG2487614
2-Hexanone	U		0.0157	0.200	20	04/10/2025 23:30	WG2487614
Methylene Chloride	U		0.00860	0.100	20	04/10/2025 23:30	WG2487614
4-Methyl-2-pentanone (MIBK)	U		0.00956	0.200	20	04/10/2025 23:30	WG2487614
Methyl tert-butyl ether	0.0240		0.00202	0.0200	20	04/10/2025 23:30	WG2487614
Naphthalene	U	C3 J4	0.0200	0.100	20	04/10/2025 23:30	WG2487614
n-Propylbenzene	0.00917	J	0.00199	0.0200	20	04/10/2025 23:30	WG2487614
Styrene	U		0.00236	0.0200	20	04/10/2025 23:30	WG2487614
tert-Butyl alcohol	U	C3	0.0812	0.100	20	04/10/2025 23:30	WG2487614
1,1,1,2-Tetrachloroethane	U		0.00294	0.0200	20	04/10/2025 23:30	WG2487614
1,1,2,2-Tetrachloroethane	U		0.00266	0.0200	20	04/10/2025 23:30	WG2487614
Tetrachloroethene	U		0.00600	0.0200	20	04/10/2025 23:30	WG2487614
Toluene	U		0.00556	0.0200	20	04/10/2025 23:30	WG2487614
1,1,1-Trichloroethane	U		0.00298	0.0200	20	04/10/2025 23:30	WG2487614
1,1,2-Trichloroethane	U		0.00316	0.0200	20	04/10/2025 23:30	WG2487614
Trichloroethene	U		0.00380	0.0200	20	04/10/2025 23:30	WG2487614
1,2,4-Trimethylbenzene	U		0.00644	0.0200	20	04/10/2025 23:30	WG2487614
1,3,5-Trimethylbenzene	U		0.00208	0.0200	20	04/10/2025 23:30	WG2487614
Vinyl chloride	U		0.00468	0.0200	20	04/10/2025 23:30	WG2487614
o-Xylene	U		0.00348	0.0200	20	04/10/2025 23:30	WG2487614
m&p-Xylene	U		0.00860	0.0400	20	04/10/2025 23:30	WG2487614
Xylenes, Total	U		0.00348	0.0600	20	04/10/2025 23:30	WG2487614
(S) Toluene-d8	*101*			*80.0-120*		*04/10/2025 23:30*	WG2487614
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*		*04/10/2025 23:30*	WG2487614
(S) 1,2-Dichloroethane-d4	*94.4*			*70.0-130*		*04/10/2025 23:30*	WG2487614

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.80		0.0605	0.100	1	04/08/2025 23:09	WG2484755
(S) o-Terphenyl	*93.2*			*52.0-156*		*04/08/2025 23:09*	WG2484755

MW-109
Collected date/time: 04/01/25 11:40
L1842529

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1270		20.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	86.9		0.547	1.00	1	04/03/2025 03:23	WG2481821
Fluoride	1.09		0.0761	0.150	1	04/03/2025 03:23	WG2481821
Nitrate as (N)	U		0.0884	0.100	1	04/03/2025 03:23	WG2481821
Nitrite as (N)	U		0.0794	0.100	1	04/03/2025 03:23	WG2481821
Sulfate	236		6.37	50.0	10	04/03/2025 07:51	WG2481821

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00537		0.000120	0.00200	1	04/08/2025 20:38	WG2484507
Barium	0.739		0.00500	0.0200	10	04/08/2025 19:07	WG2484507
Calcium	254		0.0925	1.00	1	04/08/2025 20:38	WG2484507
Chromium	0.00124	J	0.000900	0.00200	1	04/08/2025 20:38	WG2484507
Iron	0.119		0.0226	0.100	1	04/08/2025 20:38	WG2484507
Lead	0.000543	J	0.000500	0.00200	1	04/08/2025 20:38	WG2484507
Manganese	0.189		0.000700	0.00500	1	04/08/2025 20:38	WG2484507
Potassium	4.19		0.0965	2.00	1	04/08/2025 20:38	WG2484507
Selenium	U		0.000250	0.00200	1	04/08/2025 20:38	WG2484507
Sodium	72.3		0.142	2.00	1	04/08/2025 20:38	WG2484507

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	8.82	J3	0.157	0.500	5	04/07/2025 20:53	WG2484821
(S) a,a,a-Trifluorotoluene(FID)	*88.6*			*78.0-120*		*04/07/2025 20:53*	WG2484821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	1.13	5.00	100	04/10/2025 00:01	WG2486753
Benzene	4.27		0.00941	0.100	100	04/10/2025 00:01	WG2486753
Bromodichloromethane	U		0.0136	0.100	100	04/10/2025 00:01	WG2486753
Bromoform	U		0.0129	0.100	100	04/10/2025 00:01	WG2486753
Bromomethane	U		0.0605	0.500	100	04/10/2025 00:01	WG2486753
n-Butylbenzene	U		0.0157	0.100	100	04/10/2025 00:01	WG2486753
sec-Butylbenzene	U		0.0125	0.100	100	04/10/2025 00:01	WG2486753
Carbon disulfide	U		0.00962	0.100	100	04/10/2025 00:01	WG2486753
Carbon tetrachloride	U		0.0128	0.100	100	04/10/2025 00:01	WG2486753
Chlorobenzene	U		0.0116	0.100	100	04/10/2025 00:01	WG2486753
Chlorodibromomethane	U		0.0140	0.100	100	04/10/2025 00:01	WG2486753
Chloroethane	U		0.0192	0.500	100	04/10/2025 00:01	WG2486753
Chloroform	U		0.0111	0.500	100	04/10/2025 00:01	WG2486753
Chloromethane	U		0.0960	0.250	100	04/10/2025 00:01	WG2486753
1,2-Dibromoethane	U		0.0126	0.100	100	04/10/2025 00:01	WG2486753
1,1-Dichloroethane	U		0.0100	0.100	100	04/10/2025 00:01	WG2486753
1,2-Dichloroethane	U		0.00819	0.100	100	04/10/2025 00:01	WG2486753
1,1-Dichloroethene	U		0.0188	0.100	100	04/10/2025 00:01	WG2486753
cis-1,2-Dichloroethene	U		0.0126	0.100	100	04/10/2025 00:01	WG2486753

MW-109
Collected date/time: 04/01/25 11:40
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.0149	0.100	100	04/10/2025 00:01	WG2486753
1,2-Dichloropropane	U		0.0149	0.100	100	04/10/2025 00:01	WG2486753
cis-1,3-Dichloropropene	U	J4	0.0111	0.100	100	04/10/2025 00:01	WG2486753
trans-1,3-Dichloropropene	U		0.0118	0.100	100	04/10/2025 00:01	WG2486753
Ethylbenzene	0.0326	J	0.0137	0.100	100	04/10/2025 00:01	WG2486753
Isopropylbenzene	0.0364	J	0.0105	0.100	100	04/10/2025 00:01	WG2486753
p-Isopropyltoluene	U		0.0120	0.100	100	04/10/2025 00:01	WG2486753
2-Butanone (MEK)	U	J3	0.119	1.00	100	04/10/2025 00:01	WG2486753
2-Hexanone	U	J3 J4	0.0787	1.00	100	04/10/2025 00:01	WG2486753
Methylene Chloride	U		0.0430	0.500	100	04/10/2025 00:01	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.0478	1.00	100	04/10/2025 00:01	WG2486753
Methyl tert-butyl ether	U		0.0101	0.100	100	04/10/2025 00:01	WG2486753
Naphthalene	U	C3	0.100	0.500	100	04/10/2025 00:01	WG2486753
n-Propylbenzene	0.0357	J	0.00993	0.100	100	04/10/2025 00:01	WG2486753
Styrene	U		0.0118	0.100	100	04/10/2025 00:01	WG2486753
tert-Butyl alcohol	U		0.406	0.500	100	04/10/2025 00:01	WG2486753
1,1,1,2-Tetrachloroethane	U		0.0147	0.100	100	04/10/2025 00:01	WG2486753
1,1,2,2-Tetrachloroethane	U		0.0133	0.100	100	04/10/2025 00:01	WG2486753
Tetrachloroethene	U		0.0300	0.100	100	04/10/2025 00:01	WG2486753
Toluene	U		0.0278	0.100	100	04/10/2025 00:01	WG2486753
1,1,1-Trichloroethane	U		0.0149	0.100	100	04/10/2025 00:01	WG2486753
1,1,2-Trichloroethane	U		0.0158	0.100	100	04/10/2025 00:01	WG2486753
Trichloroethene	U		0.0190	0.100	100	04/10/2025 00:01	WG2486753
1,2,4-Trimethylbenzene	U	J4	0.0322	0.100	100	04/10/2025 00:01	WG2486753
1,3,5-Trimethylbenzene	U		0.0104	0.100	100	04/10/2025 00:01	WG2486753
Vinyl chloride	U		0.0234	0.100	100	04/10/2025 00:01	WG2486753
o-Xylene	U		0.0174	0.100	100	04/10/2025 00:01	WG2486753
m&p-Xylene	0.109	J	0.0430	0.200	100	04/10/2025 00:01	WG2486753
Xylenes, Total	0.109	J	0.0174	0.300	100	04/10/2025 00:01	WG2486753
(S) Toluene-d8	*106*			*80.0-120*		*04/10/2025 00:01*	WG2486753
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*		*04/10/2025 00:01*	WG2486753
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*04/10/2025 00:01*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	10.7		0.121	0.200	2	04/09/2025 21:34	WG2484755
(S) o-Terphenyl	*93.2*			*52.0-156*		*04/09/2025 21:34*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2480		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	232		5.47	10.0	10	04/03/2025 03:37	WG2481821
Fluoride	U		0.761	1.50	10	04/03/2025 03:37	WG2481821
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 03:37	WG2481821
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 03:37	WG2481821
Sulfate	886		6.37	50.0	10	04/03/2025 03:37	WG2481821

Sample Narrative:

L1842529-57 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00821		0.000120	0.00200	1	04/08/2025 20:41	WG2484507
Barium	0.0178		0.000500	0.00200	1	04/08/2025 20:41	WG2484507
Calcium	326		0.0925	1.00	1	04/08/2025 20:41	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 20:41	WG2484507
Iron	0.173		0.0226	0.100	1	04/08/2025 20:41	WG2484507
Lead	U		0.000500	0.00200	1	04/08/2025 20:41	WG2484507
Manganese	0.877		0.000700	0.00500	1	04/08/2025 20:41	WG2484507
Potassium	1.70	J	0.0965	2.00	1	04/08/2025 20:41	WG2484507
Selenium	0.000519	J	0.000250	0.00200	1	04/08/2025 20:41	WG2484507
Sodium	190		0.142	2.00	1	04/08/2025 20:41	WG2484507

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.293	J	0.157	0.500	5	04/08/2025 14:07	WG2485089
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/08/2025 14:07*	WG2485089

Sample Narrative:

L1842529-57 WG2485089: Lowest possible dilution due to sample foaming.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0565	0.250	5	04/10/2025 23:50	WG2487614
Benzene	0.00675		0.000471	0.00500	5	04/10/2025 23:50	WG2487614
Bromodichloromethane	U		0.000680	0.00500	5	04/10/2025 23:50	WG2487614
Bromoform	U		0.000645	0.00500	5	04/10/2025 23:50	WG2487614
Bromomethane	U		0.00303	0.0250	5	04/10/2025 23:50	WG2487614
n-Butylbenzene	U		0.000785	0.00500	5	04/10/2025 23:50	WG2487614
sec-Butylbenzene	U		0.000625	0.00500	5	04/10/2025 23:50	WG2487614
Carbon disulfide	U		0.000481	0.00500	5	04/10/2025 23:50	WG2487614
Carbon tetrachloride	U		0.000640	0.00500	5	04/10/2025 23:50	WG2487614
Chlorobenzene	U		0.000580	0.00500	5	04/10/2025 23:50	WG2487614
Chlorodibromomethane	U		0.000700	0.00500	5	04/10/2025 23:50	WG2487614
Chloroethane	U		0.000960	0.0250	5	04/10/2025 23:50	WG2487614
Chloroform	U		0.000555	0.0250	5	04/10/2025 23:50	WG2487614

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.00480	0.0125	5	04/10/2025 23:50	WG2487614
1,2-Dibromoethane	U		0.000630	0.00500	5	04/10/2025 23:50	WG2487614
1,1-Dichloroethane	U		0.000500	0.00500	5	04/10/2025 23:50	WG2487614
1,2-Dichloroethane	U		0.000409	0.00500	5	04/10/2025 23:50	WG2487614
1,1-Dichloroethene	U		0.000940	0.00500	5	04/10/2025 23:50	WG2487614
cis-1,2-Dichloroethene	0.0340		0.000630	0.00500	5	04/10/2025 23:50	WG2487614
trans-1,2-Dichloroethene	U		0.000745	0.00500	5	04/10/2025 23:50	WG2487614
1,2-Dichloropropane	U		0.000745	0.00500	5	04/10/2025 23:50	WG2487614
cis-1,3-Dichloropropene	U		0.000555	0.00500	5	04/10/2025 23:50	WG2487614
trans-1,3-Dichloropropene	U		0.000590	0.00500	5	04/10/2025 23:50	WG2487614
Ethylbenzene	0.00418	J	0.000685	0.00500	5	04/10/2025 23:50	WG2487614
Isopropylbenzene	0.000788	J	0.000525	0.00500	5	04/10/2025 23:50	WG2487614
p-Isopropyltoluene	U		0.000600	0.00500	5	04/10/2025 23:50	WG2487614
2-Butanone (MEK)	U	C3	0.00595	0.0500	5	04/10/2025 23:50	WG2487614
2-Hexanone	U		0.00394	0.0500	5	04/10/2025 23:50	WG2487614
Methylene Chloride	U		0.00215	0.0250	5	04/10/2025 23:50	WG2487614
4-Methyl-2-pentanone (MIBK)	U		0.00239	0.0500	5	04/10/2025 23:50	WG2487614
Methyl tert-butyl ether	U		0.000505	0.00500	5	04/10/2025 23:50	WG2487614
Naphthalene	U	C3 J4	0.00500	0.0250	5	04/10/2025 23:50	WG2487614
n-Propylbenzene	0.00114	J	0.000497	0.00500	5	04/10/2025 23:50	WG2487614
Styrene	U		0.000590	0.00500	5	04/10/2025 23:50	WG2487614
tert-Butyl alcohol	U	C3	0.0203	0.0250	5	04/10/2025 23:50	WG2487614
1,1,1,2-Tetrachloroethane	U		0.000735	0.00500	5	04/10/2025 23:50	WG2487614
1,1,2,2-Tetrachloroethane	U		0.000665	0.00500	5	04/10/2025 23:50	WG2487614
Tetrachloroethene	0.135		0.00150	0.00500	5	04/10/2025 23:50	WG2487614
Toluene	U		0.00139	0.00500	5	04/10/2025 23:50	WG2487614
1,1,1-Trichloroethane	U		0.000745	0.00500	5	04/10/2025 23:50	WG2487614
1,1,2-Trichloroethane	U		0.000790	0.00500	5	04/10/2025 23:50	WG2487614
Trichloroethene	0.0158		0.000950	0.00500	5	04/10/2025 23:50	WG2487614
1,2,4-Trimethylbenzene	0.00163	J	0.00161	0.00500	5	04/10/2025 23:50	WG2487614
1,3,5-Trimethylbenzene	U		0.000520	0.00500	5	04/10/2025 23:50	WG2487614
Vinyl chloride	0.00941	C5	0.00117	0.00500	5	04/10/2025 23:50	WG2487614
o-Xylene	U		0.000870	0.00500	5	04/10/2025 23:50	WG2487614
m&p-Xylene	U		0.00215	0.0100	5	04/10/2025 23:50	WG2487614
Xylenes, Total	U		0.000870	0.0150	5	04/10/2025 23:50	WG2487614
(S) Toluene-d8	*99.1*			*80.0-120*		*04/10/2025 23:50*	WG2487614
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*04/10/2025 23:50*	WG2487614
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*04/10/2025 23:50*	WG2487614

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.19		0.0605	0.100	1	04/08/2025 23:50	WG2484755
(S) o-Terphenyl	*99.5*			*52.0-156*		*04/08/2025 23:50*	WG2484755

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.000691	J	0.0000886	0.00100	1	04/09/2025 22:48	WG2483637
Acenaphthylene	U		0.0000921	0.00100	1	04/09/2025 22:48	WG2483637
Acetophenone	U		0.000208	0.0100	1	04/09/2025 22:48	WG2483637
Anthracene	U		0.0000804	0.00100	1	04/09/2025 22:48	WG2483637
Atrazine	U		0.000255	0.0100	1	04/09/2025 22:48	WG2483637
Benzo(a)anthracene	U	J3	0.000199	0.00100	1	04/09/2025 22:48	WG2483637
Benzaldehyde	U	C7	0.00169	0.0100	1	04/09/2025 22:48	WG2483637

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzo(b)fluoranthene	U	J3	0.000130	0.00100	1	04/09/2025 22:48	WG2483637
Benzo(k)fluoranthene	U		0.000120	0.00100	1	04/09/2025 22:48	WG2483637
Benzo(g,h,i)perylene	U	J3	0.000121	0.00100	1	04/09/2025 22:48	WG2483637
Benzo(a)pyrene	U	J3	0.0000381	0.000200	1	04/09/2025 22:48	WG2483637
Biphenyl	0.00337	J	0.000790	0.0100	1	04/09/2025 22:48	WG2483637
Bis(2-chlorethoxy)methane	U		0.000116	0.0100	1	04/09/2025 22:48	WG2483637
Bis(2-chloroethyl)ether	U		0.000137	0.0100	1	04/09/2025 22:48	WG2483637
2,2-Oxybis(1-Chloropropane)	U		0.000210	0.0100	1	04/09/2025 22:48	WG2483637
4-Bromophenyl-phenylether	U		0.0000877	0.0100	1	04/09/2025 22:48	WG2483637
2-Chloronaphthalene	U		0.0000648	0.00100	1	04/09/2025 22:48	WG2483637
4-Chlorophenyl-phenylether	U		0.0000926	0.0100	1	04/09/2025 22:48	WG2483637
Caprolactam	U		0.000309	0.0100	1	04/09/2025 22:48	WG2483637
Carbazole	0.00115	J	0.000111	0.0100	1	04/09/2025 22:48	WG2483637
Chrysene	U	J3	0.000130	0.00100	1	04/09/2025 22:48	WG2483637
Dibenz(a,h)anthracene	U	J3	0.0000644	0.000200	1	04/09/2025 22:48	WG2483637
Dibenzofuran	0.00307	J	0.0000970	0.0100	1	04/09/2025 22:48	WG2483637
3,3-Dichlorobenzidine	U		0.000212	0.0100	1	04/09/2025 22:48	WG2483637
2,4-Dinitrotoluene	U		0.0000983	0.0100	1	04/09/2025 22:48	WG2483637
2,6-Dinitrotoluene	U		0.000250	0.0100	1	04/09/2025 22:48	WG2483637
Fluoranthene	U		0.000102	0.00100	1	04/09/2025 22:48	WG2483637
Fluorene	0.00198		0.0000844	0.00100	1	04/09/2025 22:48	WG2483637
Hexachlorobenzene	U		0.0000755	0.00100	1	04/09/2025 22:48	WG2483637
Hexachloro-1,3-butadiene	U		0.0000968	0.0100	1	04/09/2025 22:48	WG2483637
Hexachlorocyclopentadiene	U	C3	0.0000598	0.0100	1	04/09/2025 22:48	WG2483637
Hexachloroethane	U		0.000127	0.0100	1	04/09/2025 22:48	WG2483637
Indeno(1,2,3-cd)pyrene	U	J3	0.000279	0.00100	1	04/09/2025 22:48	WG2483637
Isophorone	U		0.000143	0.0100	1	04/09/2025 22:48	WG2483637
1-Methylnaphthalene	0.0774		0.0000790	0.00100	1	04/09/2025 22:48	WG2483637
2-Methylnaphthalene	0.0350		0.000117	0.00100	1	04/09/2025 22:48	WG2483637
Naphthalene	0.118		0.000159	0.00100	1	04/09/2025 22:48	WG2483637
Nitrobenzene	U		0.000297	0.0100	1	04/09/2025 22:48	WG2483637
n-Nitrosodiphenylamine	U		0.00237	0.0100	1	04/09/2025 22:48	WG2483637
n-Nitrosodi-n-propylamine	U		0.000261	0.0100	1	04/09/2025 22:48	WG2483637
Phenanthrene	0.00100	J	0.000112	0.00100	1	04/09/2025 22:48	WG2483637
Benzylbutyl phthalate	U		0.000765	0.00300	1	04/09/2025 22:48	WG2483637
Bis(2-ethylhexyl)phthalate	0.00421	J3	0.000895	0.00300	1	04/09/2025 22:48	WG2483637
Di-n-butyl phthalate	U		0.000453	0.00300	1	04/09/2025 22:48	WG2483637
Diethyl phthalate	U		0.000287	0.00300	1	04/09/2025 22:48	WG2483637
Dimethyl phthalate	U		0.000260	0.00300	1	04/09/2025 22:48	WG2483637
Di-n-octyl phthalate	U	J3	0.000932	0.00300	1	04/09/2025 22:48	WG2483637
Pyrene	U		0.000107	0.00100	1	04/09/2025 22:48	WG2483637
1,2,4-Trichlorobenzene	U		0.0000698	0.0100	1	04/09/2025 22:48	WG2483637
4-Chloro-3-methylphenol	U		0.000131	0.0100	1	04/09/2025 22:48	WG2483637
2-Chlorophenol	U		0.000133	0.0100	1	04/09/2025 22:48	WG2483637
2,4-Dichlorophenol	U		0.000102	0.0100	1	04/09/2025 22:48	WG2483637
2,4-Dimethylphenol	U		0.0000636	0.0100	1	04/09/2025 22:48	WG2483637
4,6-Dinitro-2-methylphenol	U		0.00112	0.0100	1	04/09/2025 22:48	WG2483637
2,4-Dinitrophenol	U		0.00593	0.0100	1	04/09/2025 22:48	WG2483637
2-Nitrophenol	U		0.000117	0.0100	1	04/09/2025 22:48	WG2483637
2-Nitroaniline	U		0.000102	0.0100	1	04/09/2025 22:48	WG2483637
2-Methylphenol	U		0.0000929	0.0100	1	04/09/2025 22:48	WG2483637
3&4-Methyl Phenol	U		0.000168	0.0100	1	04/09/2025 22:48	WG2483637
3-Nitroaniline	U	J3	0.0000869	0.0100	1	04/09/2025 22:48	WG2483637
4-Chloroaniline	U	J3	0.000234	0.0100	1	04/09/2025 22:48	WG2483637
4-Nitroaniline	U	J3	0.0000910	0.0100	1	04/09/2025 22:48	WG2483637
4-Nitrophenol	U		0.000143	0.0100	1	04/09/2025 22:48	WG2483637

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

RW-2
Collected date/time: 04/01/25 09:25
L1842529

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Pentachlorophenol	U	C3	0.000313	0.0100	1	04/09/2025 22:48	WG2483637
Phenol	U		0.00433	0.0100	1	04/09/2025 22:48	WG2483637
2,4,5-Trichlorophenol	U		0.000109	0.0100	1	04/09/2025 22:48	WG2483637
2,4,6-Trichlorophenol	U		0.000100	0.0100	1	04/09/2025 22:48	WG2483637
(S) 2-Fluorophenol	*33.6*			*10.0-120*		*04/09/2025 22:48*	WG2483637
(S) Phenol-d5	*21.9*			*10.0-120*		*04/09/2025 22:48*	WG2483637
(S) Nitrobenzene-d5	*76.9*			*10.0-127*		*04/09/2025 22:48*	WG2483637
(S) 2-Fluorobiphenyl	*52.5*			*10.0-130*		*04/09/2025 22:48*	WG2483637
(S) 2,4,6-Tribromophenol	*59.3*			*10.0-155*		*04/09/2025 22:48*	WG2483637
(S) p-Terphenyl-d14	*57.8*			*10.0-128*		*04/09/2025 22:48*	WG2483637

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.000300	0.000400	1	04/05/2025 04:52	WG2482089
(S) Nitrobenzene-d5	*38.0*			*10.0-120*		*04/05/2025 04:52*	WG2482089

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2420		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	309		5.47	10.0	10	04/03/2025 03:50	WG2481821
Fluoride	0.957	J	0.761	1.50	10	04/03/2025 03:50	WG2481821
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 03:50	WG2481821
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 03:50	WG2481821
Sulfate	747		6.37	50.0	10	04/03/2025 03:50	WG2481821

Sample Narrative:

L1842529-58 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00142	J	0.000120	0.00200	1	04/08/2025 20:45	WG2484507
Barium	0.0372		0.000500	0.00200	1	04/08/2025 20:45	WG2484507
Calcium	295		0.0925	1.00	1	04/08/2025 20:45	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 20:45	WG2484507
Iron	U		0.0226	0.100	1	04/08/2025 20:45	WG2484507
Lead	0.00399		0.000500	0.00200	1	04/08/2025 20:45	WG2484507
Manganese	0.0237		0.000700	0.00500	1	04/08/2025 20:45	WG2484507
Potassium	0.868	J	0.0965	2.00	1	04/08/2025 20:45	WG2484507
Selenium	0.000286	J	0.000250	0.00200	1	04/08/2025 20:45	WG2484507
Sodium	273		0.142	2.00	1	04/08/2025 20:45	WG2484507

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	7.28		0.314	1.00	10	04/08/2025 07:06	WG2485070
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*78.0-120*		*04/08/2025 07:06*	WG2485070

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.565	2.50	50	04/10/2025 00:42	WG2486753
Benzene	0.726		0.00471	0.0500	50	04/10/2025 00:42	WG2486753
Bromodichloromethane	U		0.00680	0.0500	50	04/10/2025 00:42	WG2486753
Bromoform	U		0.00645	0.0500	50	04/10/2025 00:42	WG2486753
Bromomethane	U		0.0303	0.250	50	04/10/2025 00:42	WG2486753
n-Butylbenzene	U		0.00785	0.0500	50	04/10/2025 00:42	WG2486753
sec-Butylbenzene	0.00939	J	0.00625	0.0500	50	04/10/2025 00:42	WG2486753
Carbon disulfide	0.0143	J	0.00481	0.0500	50	04/10/2025 00:42	WG2486753
Carbon tetrachloride	U		0.00640	0.0500	50	04/10/2025 00:42	WG2486753
Chlorobenzene	U		0.00580	0.0500	50	04/10/2025 00:42	WG2486753
Chlorodibromomethane	U		0.00700	0.0500	50	04/10/2025 00:42	WG2486753
Chloroethane	U		0.00960	0.250	50	04/10/2025 00:42	WG2486753
Chloroform	0.0174	J	0.00555	0.250	50	04/10/2025 00:42	WG2486753
Chloromethane	U		0.0480	0.125	50	04/10/2025 00:42	WG2486753
1,2-Dibromoethane	U		0.00630	0.0500	50	04/10/2025 00:42	WG2486753
1,1-Dichloroethane	U		0.00500	0.0500	50	04/10/2025 00:42	WG2486753

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.00409	0.0500	50	04/10/2025 00:42	WG2486753
1,1-Dichloroethene	U		0.00940	0.0500	50	04/10/2025 00:42	WG2486753
cis-1,2-Dichloroethene	U		0.00630	0.0500	50	04/10/2025 00:42	WG2486753
trans-1,2-Dichloroethene	U		0.00745	0.0500	50	04/10/2025 00:42	WG2486753
1,2-Dichloropropane	U		0.00745	0.0500	50	04/10/2025 00:42	WG2486753
cis-1,3-Dichloropropene	U	J4	0.00555	0.0500	50	04/10/2025 00:42	WG2486753
trans-1,3-Dichloropropene	U		0.00590	0.0500	50	04/10/2025 00:42	WG2486753
Ethylbenzene	0.0574		0.00685	0.0500	50	04/10/2025 00:42	WG2486753
Isopropylbenzene	0.0887		0.00525	0.0500	50	04/10/2025 00:42	WG2486753
p-Isopropyltoluene	U		0.00600	0.0500	50	04/10/2025 00:42	WG2486753
2-Butanone (MEK)	U	J3	0.0595	0.500	50	04/10/2025 00:42	WG2486753
2-Hexanone	U	J3 J4	0.0394	0.500	50	04/10/2025 00:42	WG2486753
Methylene Chloride	U		0.0215	0.250	50	04/10/2025 00:42	WG2486753
4-Methyl-2-pentanone (MIBK)	U		0.0239	0.500	50	04/10/2025 00:42	WG2486753
Methyl tert-butyl ether	U		0.00505	0.0500	50	04/10/2025 00:42	WG2486753
Naphthalene	0.137	C3 J	0.0500	0.250	50	04/10/2025 00:42	WG2486753
n-Propylbenzene	0.105		0.00497	0.0500	50	04/10/2025 00:42	WG2486753
Styrene	U		0.00590	0.0500	50	04/10/2025 00:42	WG2486753
tert-Butyl alcohol	U		0.203	0.250	50	04/10/2025 00:42	WG2486753
1,1,1,2-Tetrachloroethane	U		0.00735	0.0500	50	04/10/2025 00:42	WG2486753
1,1,2,2-Tetrachloroethane	U		0.00665	0.0500	50	04/10/2025 00:42	WG2486753
Tetrachloroethene	U		0.0150	0.0500	50	04/10/2025 00:42	WG2486753
Toluene	0.117		0.0139	0.0500	50	04/10/2025 00:42	WG2486753
1,1,1-Trichloroethane	U		0.00745	0.0500	50	04/10/2025 00:42	WG2486753
1,1,2-Trichloroethane	U		0.00790	0.0500	50	04/10/2025 00:42	WG2486753
Trichloroethene	U		0.00950	0.0500	50	04/10/2025 00:42	WG2486753
1,2,4-Trimethylbenzene	0.228	J4	0.0161	0.0500	50	04/10/2025 00:42	WG2486753
1,3,5-Trimethylbenzene	0.0269	J	0.00520	0.0500	50	04/10/2025 00:42	WG2486753
Vinyl chloride	U		0.0117	0.0500	50	04/10/2025 00:42	WG2486753
o-Xylene	U		0.00870	0.0500	50	04/10/2025 00:42	WG2486753
m&p-Xylene	0.673		0.0215	0.100	50	04/10/2025 00:42	WG2486753
Xylenes, Total	0.673		0.00870	0.150	50	04/10/2025 00:42	WG2486753
(S) Toluene-d8	*107*			*80.0-120*		*04/10/2025 00:42*	WG2486753
(S) 4-Bromofluorobenzene	*95.9*			*77.0-126*		*04/10/2025 00:42*	WG2486753
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*04/10/2025 00:42*	WG2486753

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.31		0.0605	0.100	1	04/09/2025 00:10	WG2484755
(S) o-Terphenyl	*107*			*52.0-156*		*04/09/2025 00:10*	WG2484755

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0000886	0.00100	1	04/06/2025 18:53	WG2483637
Acenaphthylene	U		0.0000921	0.00100	1	04/06/2025 18:53	WG2483637
Acetophenone	U		0.000208	0.0100	1	04/06/2025 18:53	WG2483637
Anthracene	U		0.0000804	0.00100	1	04/06/2025 18:53	WG2483637
Atrazine	U		0.000255	0.0100	1	04/06/2025 18:53	WG2483637
Benzo(a)anthracene	U	J3	0.000199	0.00100	1	04/06/2025 18:53	WG2483637
Benzaldehyde	U		0.00169	0.0100	1	04/06/2025 18:53	WG2483637
Benzo(b)fluoranthene	U	J3	0.000130	0.00100	1	04/06/2025 18:53	WG2483637
Benzo(k)fluoranthene	U		0.000120	0.00100	1	04/06/2025 18:53	WG2483637
Benzo(g,h,i)perylene	U	J3	0.000121	0.00100	1	04/06/2025 18:53	WG2483637

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzo(a)pyrene	U	J3	0.0000381	0.000200	1	04/06/2025 18:53	WG2483637
Biphenyl	U		0.000790	0.0100	1	04/06/2025 18:53	WG2483637
Bis(2-chlorethoxy)methane	U		0.000116	0.0100	1	04/06/2025 18:53	WG2483637
Bis(2-chloroethyl)ether	U		0.000137	0.0100	1	04/06/2025 18:53	WG2483637
2,2-Oxybis(1-Chloropropane)	U		0.000210	0.0100	1	04/06/2025 18:53	WG2483637
4-Bromophenyl-phenylether	U		0.0000877	0.0100	1	04/06/2025 18:53	WG2483637
2-Chloronaphthalene	U		0.0000648	0.00100	1	04/06/2025 18:53	WG2483637
4-Chlorophenyl-phenylether	U		0.0000926	0.0100	1	04/06/2025 18:53	WG2483637
Caprolactam	U		0.000309	0.0100	1	04/06/2025 18:53	WG2483637
Carbazole	U		0.000111	0.0100	1	04/06/2025 18:53	WG2483637
Chrysene	U	J3	0.000130	0.00100	1	04/06/2025 18:53	WG2483637
Dibenz(a,h)anthracene	U	J3	0.0000644	0.000200	1	04/06/2025 18:53	WG2483637
Dibenzofuran	0.000110	J	0.0000970	0.0100	1	04/06/2025 18:53	WG2483637
3,3-Dichlorobenzidine	U		0.000212	0.0100	1	04/06/2025 18:53	WG2483637
2,4-Dinitrotoluene	U		0.0000983	0.0100	1	04/06/2025 18:53	WG2483637
2,6-Dinitrotoluene	U		0.000250	0.0100	1	04/06/2025 18:53	WG2483637
Fluoranthene	U		0.000102	0.00100	1	04/06/2025 18:53	WG2483637
Fluorene	0.000123	J	0.0000844	0.00100	1	04/06/2025 18:53	WG2483637
Hexachlorobenzene	U		0.0000755	0.00100	1	04/06/2025 18:53	WG2483637
Hexachloro-1,3-butadiene	U		0.0000968	0.0100	1	04/06/2025 18:53	WG2483637
Hexachlorocyclopentadiene	U		0.0000598	0.0100	1	04/06/2025 18:53	WG2483637
Hexachloroethane	U		0.000127	0.0100	1	04/06/2025 18:53	WG2483637
Indeno(1,2,3-cd)pyrene	U	J3	0.000279	0.00100	1	04/06/2025 18:53	WG2483637
Isophorone	U		0.000143	0.0100	1	04/06/2025 18:53	WG2483637
1-Methylnaphthalene	0.000589	J	0.0000790	0.00100	1	04/06/2025 18:53	WG2483637
2-Methylnaphthalene	0.000386	J	0.000117	0.00100	1	04/06/2025 18:53	WG2483637
Naphthalene	0.000433	J	0.000159	0.00100	1	04/06/2025 18:53	WG2483637
Nitrobenzene	U		0.000297	0.0100	1	04/06/2025 18:53	WG2483637
n-Nitrosodiphenylamine	U		0.00237	0.0100	1	04/06/2025 18:53	WG2483637
n-Nitrosodi-n-propylamine	U	C3	0.000261	0.0100	1	04/06/2025 18:53	WG2483637
Phenanthrene	0.000222	J	0.000112	0.00100	1	04/06/2025 18:53	WG2483637
Benzylbutyl phthalate	U		0.000765	0.00300	1	04/06/2025 18:53	WG2483637
Bis(2-ethylhexyl)phthalate	U	J3	0.000895	0.00300	1	04/06/2025 18:53	WG2483637
Di-n-butyl phthalate	U		0.000453	0.00300	1	04/06/2025 18:53	WG2483637
Diethyl phthalate	U		0.000287	0.00300	1	04/06/2025 18:53	WG2483637
Dimethyl phthalate	U		0.000260	0.00300	1	04/06/2025 18:53	WG2483637
Di-n-octyl phthalate	U	J3	0.000932	0.00300	1	04/06/2025 18:53	WG2483637
Pyrene	U		0.000107	0.00100	1	04/06/2025 18:53	WG2483637
1,2,4-Trichlorobenzene	U		0.0000698	0.0100	1	04/06/2025 18:53	WG2483637
4-Chloro-3-methylphenol	U		0.000131	0.0100	1	04/06/2025 18:53	WG2483637
2-Chlorophenol	U		0.000133	0.0100	1	04/06/2025 18:53	WG2483637
2,4-Dichlorophenol	U		0.000102	0.0100	1	04/06/2025 18:53	WG2483637
2,4-Dimethylphenol	U		0.0000636	0.0100	1	04/06/2025 18:53	WG2483637
4,6-Dinitro-2-methylphenol	U		0.00112	0.0100	1	04/06/2025 18:53	WG2483637
2,4-Dinitrophenol	U		0.00593	0.0100	1	04/06/2025 18:53	WG2483637
2-Nitrophenol	U		0.000117	0.0100	1	04/06/2025 18:53	WG2483637
2-Nitroaniline	U		0.000102	0.0100	1	04/06/2025 18:53	WG2483637
2-Methylphenol	U		0.0000929	0.0100	1	04/06/2025 18:53	WG2483637
3&4-Methyl Phenol	0.000221	J	0.000168	0.0100	1	04/06/2025 18:53	WG2483637
3-Nitroaniline	U	J3	0.0000869	0.0100	1	04/06/2025 18:53	WG2483637
4-Chloroaniline	U	J3	0.000234	0.0100	1	04/06/2025 18:53	WG2483637
4-Nitroaniline	U	J3	0.0000910	0.0100	1	04/06/2025 18:53	WG2483637
4-Nitrophenol	U		0.000143	0.0100	1	04/06/2025 18:53	WG2483637
Pentachlorophenol	U		0.000313	0.0100	1	04/06/2025 18:53	WG2483637
Phenol	U		0.00433	0.0100	1	04/06/2025 18:53	WG2483637
2,4,5-Trichlorophenol	U		0.000109	0.0100	1	04/06/2025 18:53	WG2483637

MW-01
Collected date/time: 04/01/25 08:35
L1842529

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
2,4,6-Trichlorophenol	U		0.000100	0.0100	1	04/06/2025 18:53	WG2483637
(S) 2-Fluorophenol	*19.3*			*10.0-120*		*04/06/2025 18:53*	WG2483637
(S) Phenol-d5	*14.3*			*10.0-120*		*04/06/2025 18:53*	WG2483637
(S) Nitrobenzene-d5	*37.9*			*10.0-127*		*04/06/2025 18:53*	WG2483637
(S) 2-Fluorobiphenyl	*37.1*			*10.0-130*		*04/06/2025 18:53*	WG2483637
(S) 2,4,6-Tribromophenol	*42.2*			*10.0-155*		*04/06/2025 18:53*	WG2483637
(S) p-Terphenyl-d14	*47.5*			*10.0-128*		*04/06/2025 18:53*	WG2483637

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3410		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	116		5.47	10.0	10	04/03/2025 04:03	WG2481821
Fluoride	0.772	J	0.761	1.50	10	04/03/2025 04:03	WG2481821
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 04:03	WG2481821
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 04:03	WG2481821
Sulfate	1600		63.7	500	100	04/03/2025 08:58	WG2481821

Sample Narrative:

L1842529-59 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0126		0.000120	0.00200	1	04/08/2025 20:48	WG2484507
Barium	0.0241		0.000500	0.00200	1	04/08/2025 20:48	WG2484507
Calcium	339		0.0925	1.00	1	04/08/2025 20:48	WG2484507
Chromium	0.227		0.000900	0.00200	1	04/08/2025 20:48	WG2484507
Iron	0.468		0.0226	0.100	1	04/08/2025 20:48	WG2484507
Lead	0.000509	J	0.000500	0.00200	1	04/08/2025 20:48	WG2484507
Manganese	1.08		0.000700	0.00500	1	04/08/2025 20:48	WG2484507
Potassium	0.617	J	0.0965	2.00	1	04/08/2025 20:48	WG2484507
Selenium	0.000342	J	0.000250	0.00200	1	04/08/2025 20:48	WG2484507
Sodium	362		0.142	2.00	1	04/08/2025 20:48	WG2484507

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.304		0.0314	0.100	1	04/08/2025 04:16	WG2485070
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*78.0-120*		*04/08/2025 04:16*	WG2485070

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 00:50	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 00:50	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 00:50	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 00:50	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 00:50	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 00:50	WG2486758
sec-Butylbenzene	0.00543		0.000125	0.00100	1	04/10/2025 00:50	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 00:50	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 00:50	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 00:50	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 00:50	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 00:50	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 00:50	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 00:50	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 00:50	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 00:50	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 00:50	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 00:50	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 00:50	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 00:50	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 00:50	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 00:50	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 00:50	WG2486758
Ethylbenzene	0.000543	J	0.000137	0.00100	1	04/10/2025 00:50	WG2486758
Isopropylbenzene	0.00277		0.000105	0.00100	1	04/10/2025 00:50	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 00:50	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 00:50	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 00:50	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 00:50	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 00:50	WG2486758
Methyl tert-butyl ether	0.0111		0.000101	0.00100	1	04/10/2025 00:50	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 00:50	WG2486758
n-Propylbenzene	0.00144		0.0000993	0.00100	1	04/10/2025 00:50	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 00:50	WG2486758
tert-Butyl alcohol	0.0300		0.00406	0.00500	1	04/10/2025 00:50	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 00:50	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 00:50	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 00:50	WG2486758
Toluene	0.000315	J	0.000278	0.00100	1	04/10/2025 00:50	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 00:50	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 00:50	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 00:50	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 00:50	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 00:50	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 00:50	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 00:50	WG2486758
m&p-Xylene	0.000515	J	0.000430	0.00200	1	04/10/2025 00:50	WG2486758
Xylenes, Total	0.000515	J	0.000174	0.00300	1	04/10/2025 00:50	WG2486758
(S) Toluene-d8	*114*			*80.0-120*		*04/10/2025 00:50*	WG2486758
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/10/2025 00:50*	WG2486758
(S) 1,2-Dichloroethane-d4	*95.1*			*70.0-130*		*04/10/2025 00:50*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.82		0.0605	0.100	1	04/09/2025 00:31	WG2484755
(S) o-Terphenyl	*93.2*			*52.0-156*		*04/09/2025 00:31*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2940		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	499		5.47	10.0	10	04/03/2025 04:17	WG2481821
Fluoride	U		0.761	1.50	10	04/03/2025 04:17	WG2481821
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 04:17	WG2481821
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 04:17	WG2481821
Sulfate	731		6.37	50.0	10	04/03/2025 04:17	WG2481821

Sample Narrative:

L1842529-60 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00479		0.000120	0.00200	1	04/08/2025 20:58	WG2484507
Barium	0.104		0.000500	0.00200	1	04/08/2025 20:58	WG2484507
Calcium	227		0.0925	1.00	1	04/08/2025 20:58	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 20:58	WG2484507
Iron	0.0302	J	0.0226	0.100	1	04/08/2025 20:58	WG2484507
Lead	0.000670	J	0.000500	0.00200	1	04/08/2025 20:58	WG2484507
Manganese	0.200		0.000700	0.00500	1	04/08/2025 20:58	WG2484507
Potassium	1.07	J	0.0965	2.00	1	04/08/2025 20:58	WG2484507
Selenium	0.000401	J	0.000250	0.00200	1	04/08/2025 20:58	WG2484507
Sodium	437		0.142	2.00	1	04/08/2025 20:58	WG2484507

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.697		0.0314	0.100	1	04/08/2025 04:37	WG2485070
(S) a,a,a-Trifluorotoluene(FID)	*91.4*			*78.0-120*		*04/08/2025 04:37*	WG2485070

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.113	0.500	10	04/10/2025 05:35	WG2486758
Benzene	0.0992		0.000941	0.0100	10	04/10/2025 05:35	WG2486758
Bromodichloromethane	U		0.00136	0.0100	10	04/10/2025 05:35	WG2486758
Bromoform	U		0.00129	0.0100	10	04/10/2025 05:35	WG2486758
Bromomethane	U	C3 J3	0.00605	0.0500	10	04/10/2025 05:35	WG2486758
n-Butylbenzene	U		0.00157	0.0100	10	04/10/2025 05:35	WG2486758
sec-Butylbenzene	0.0115		0.00125	0.0100	10	04/10/2025 05:35	WG2486758
Carbon disulfide	U		0.000962	0.0100	10	04/10/2025 05:35	WG2486758
Carbon tetrachloride	U		0.00128	0.0100	10	04/10/2025 05:35	WG2486758
Chlorobenzene	U		0.00116	0.0100	10	04/10/2025 05:35	WG2486758
Chlorodibromomethane	U		0.00140	0.0100	10	04/10/2025 05:35	WG2486758
Chloroethane	U		0.00192	0.0500	10	04/10/2025 05:35	WG2486758
Chloroform	U		0.00111	0.0500	10	04/10/2025 05:35	WG2486758
Chloromethane	U	C3	0.00960	0.0250	10	04/10/2025 05:35	WG2486758
1,2-Dibromoethane	U		0.00126	0.0100	10	04/10/2025 05:35	WG2486758
1,1-Dichloroethane	U		0.00100	0.0100	10	04/10/2025 05:35	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000819	0.0100	10	04/10/2025 05:35	WG2486758
1,1-Dichloroethene	U		0.00188	0.0100	10	04/10/2025 05:35	WG2486758
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/10/2025 05:35	WG2486758
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/10/2025 05:35	WG2486758
1,2-Dichloropropane	U		0.00149	0.0100	10	04/10/2025 05:35	WG2486758
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/10/2025 05:35	WG2486758
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/10/2025 05:35	WG2486758
Ethylbenzene	U		0.00137	0.0100	10	04/10/2025 05:35	WG2486758
Isopropylbenzene	0.0572		0.00105	0.0100	10	04/10/2025 05:35	WG2486758
p-Isopropyltoluene	U		0.00120	0.0100	10	04/10/2025 05:35	WG2486758
2-Butanone (MEK)	U	J3	0.0119	0.100	10	04/10/2025 05:35	WG2486758
2-Hexanone	U		0.00787	0.100	10	04/10/2025 05:35	WG2486758
Methylene Chloride	U		0.00430	0.0500	10	04/10/2025 05:35	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/10/2025 05:35	WG2486758
Methyl tert-butyl ether	0.174		0.00101	0.0100	10	04/10/2025 05:35	WG2486758
Naphthalene	U		0.0100	0.0500	10	04/10/2025 05:35	WG2486758
n-Propylbenzene	U		0.000993	0.0100	10	04/10/2025 05:35	WG2486758
Styrene	U		0.00118	0.0100	10	04/10/2025 05:35	WG2486758
tert-Butyl alcohol	U		0.0406	0.0500	10	04/10/2025 05:35	WG2486758
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/10/2025 05:35	WG2486758
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/10/2025 05:35	WG2486758
Tetrachloroethene	U		0.00300	0.0100	10	04/10/2025 05:35	WG2486758
Toluene	U		0.00278	0.0100	10	04/10/2025 05:35	WG2486758
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/10/2025 05:35	WG2486758
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/10/2025 05:35	WG2486758
Trichloroethene	U		0.00190	0.0100	10	04/10/2025 05:35	WG2486758
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/10/2025 05:35	WG2486758
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/10/2025 05:35	WG2486758
Vinyl chloride	U		0.00234	0.0100	10	04/10/2025 05:35	WG2486758
o-Xylene	U		0.00174	0.0100	10	04/10/2025 05:35	WG2486758
m&p-Xylene	0.00594	J	0.00430	0.0200	10	04/10/2025 05:35	WG2486758
Xylenes, Total	0.00594	J	0.00174	0.0300	10	04/10/2025 05:35	WG2486758
(S) Toluene-d8	*106*			*80.0-120*		*04/10/2025 05:35*	WG2486758
(S) 4-Bromofluorobenzene	*97.0*			*77.0-126*		*04/10/2025 05:35*	WG2486758
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*		*04/10/2025 05:35*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.55		0.0605	0.100	1	04/09/2025 00:51	WG2484755
(S) o-Terphenyl	*104*			*52.0-156*		*04/09/2025 00:51*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3540		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	333		5.47	10.0	10	04/03/2025 04:30	WG2481821
Fluoride	2.15		0.761	1.50	10	04/03/2025 04:30	WG2481821
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 04:30	WG2481821
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 04:30	WG2481821
Sulfate	1790		63.7	500	100	04/03/2025 10:13	WG2481821

Sample Narrative:

L1842529-61 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0216		0.000120	0.00200	1	04/08/2025 21:01	WG2484507
Barium	0.0327		0.000500	0.00200	1	04/08/2025 21:01	WG2484507
Calcium	483		0.0925	1.00	1	04/08/2025 21:01	WG2484507
Chromium	0.00493		0.000900	0.00200	1	04/08/2025 21:01	WG2484507
Iron	1.53		0.0226	0.100	1	04/08/2025 21:01	WG2484507
Lead	0.0104		0.000500	0.00200	1	04/08/2025 21:01	WG2484507
Manganese	0.131		0.000700	0.00500	1	04/08/2025 21:01	WG2484507
Potassium	2.14		0.0965	2.00	1	04/08/2025 21:01	WG2484507
Selenium	0.0486		0.000250	0.00200	1	04/08/2025 21:01	WG2484507
Sodium	372		0.142	2.00	1	04/08/2025 21:01	WG2484507

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 01:12	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 01:12	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 01:12	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 01:12	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 01:12	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 01:12	WG2486758
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 01:12	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 01:12	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 01:12	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 01:12	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 01:12	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 01:12	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 01:12	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 01:12	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 01:12	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 01:12	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 01:12	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 01:12	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 01:12	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 01:12	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 01:12	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 01:12	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 01:12	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 01:12	WG2486758
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 01:12	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 01:12	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 01:12	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 01:12	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 01:12	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 01:12	WG2486758
Methyl tert-butyl ether	0.0317		0.000101	0.00100	1	04/10/2025 01:12	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 01:12	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 01:12	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 01:12	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 01:12	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 01:12	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 01:12	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 01:12	WG2486758
Toluene	U		0.000278	0.00100	1	04/10/2025 01:12	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 01:12	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 01:12	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 01:12	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 01:12	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 01:12	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 01:12	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 01:12	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 01:12	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 01:12	WG2486758
(S) Toluene-d8	*110*			*80.0-120*		*04/10/2025 01:12*	WG2486758
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*04/10/2025 01:12*	WG2486758
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*		*04/10/2025 01:12*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.31		0.0605	0.100	1	04/09/2025 01:11	WG2484755
(S) o-Terphenyl	*108*			*52.0-156*		*04/09/2025 01:11*	WG2484755

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.000300	0.000400	1	04/05/2025 05:30	WG2482089
(S) Nitrobenzene-d5	*34.6*			*10.0-120*		*04/05/2025 05:30*	WG2482089

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2140		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	146		5.47	10.0	10	04/03/2025 04:44	WG2481821
Fluoride	1.02	J	0.761	1.50	10	04/03/2025 04:44	WG2481821
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 04:44	WG2481821
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 04:44	WG2481821
Sulfate	1020		63.7	500	100	04/03/2025 10:26	WG2481821

Sample Narrative:

L1842529-62 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.166	J	0.0232	0.200	1	04/08/2025 20:08	WG2483122
Boron,Dissolved	0.172	J	0.0232	0.200	1	04/04/2025 20:24	WG2483114

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00534		0.000120	0.00200	1	04/08/2025 19:33	WG2484507
Arsenic,Dissolved	0.00519		0.000120	0.00200	1	04/07/2025 17:43	WG2482428
Barium	0.0104		0.000500	0.00200	1	04/08/2025 19:33	WG2484507
Calcium	332		0.0925	1.00	1	04/08/2025 19:33	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 19:33	WG2484507
Iron	U		0.0226	0.100	1	04/08/2025 19:33	WG2484507
Iron,Dissolved	U		0.0226	0.100	1	04/07/2025 17:43	WG2482428
Lead	0.000627	J	0.000500	0.00200	1	04/08/2025 19:33	WG2484507
Manganese	0.147		0.000700	0.00500	1	04/08/2025 19:33	WG2484507
Manganese,Dissolved	0.132		0.000700	0.00500	1	04/07/2025 17:43	WG2482428
Potassium	1.23	J	0.0965	2.00	1	04/08/2025 19:33	WG2484507
Selenium	0.00627		0.000250	0.00200	1	04/08/2025 19:33	WG2484507
Sodium	104		0.142	2.00	1	04/08/2025 19:33	WG2484507
Uranium	0.0113		0.000130	0.00100	1	04/08/2025 19:33	WG2484507
Uranium,Dissolved	0.0117		0.000130	0.00100	1	04/07/2025 17:43	WG2482428

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 01:34	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 01:34	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 01:34	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 01:34	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 01:34	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 01:34	WG2486758
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 01:34	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 01:34	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 01:34	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 01:34	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 01:34	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 01:34	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloroform	U		0.000111	0.00500	1	04/10/2025 01:34	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 01:34	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 01:34	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 01:34	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 01:34	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 01:34	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 01:34	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 01:34	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 01:34	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 01:34	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 01:34	WG2486758
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 01:34	WG2486758
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 01:34	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 01:34	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 01:34	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 01:34	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 01:34	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 01:34	WG2486758
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 01:34	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 01:34	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 01:34	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 01:34	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 01:34	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 01:34	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 01:34	WG2486758
Tetrachloroethene	0.000796	J	0.000300	0.00100	1	04/10/2025 01:34	WG2486758
Toluene	U		0.000278	0.00100	1	04/10/2025 01:34	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 01:34	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 01:34	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 01:34	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 01:34	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 01:34	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 01:34	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 01:34	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 01:34	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 01:34	WG2486758
(S) Toluene-d8	*110*			*80.0-120*		*04/10/2025 01:34*	WG2486758
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*04/10/2025 01:34*	WG2486758
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*04/10/2025 01:34*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.134		0.0605	0.100	1	04/09/2025 01:32	WG2484755
(S) o-Terphenyl	*141*			*52.0-156*		*04/09/2025 01:32*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	1630		25.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	207		5.47	10.0	10	04/03/2025 10:40	WG2481821
Fluoride	1.30		0.0761	0.150	1	04/03/2025 04:57	WG2481821
Nitrate as (N)	U		0.0884	0.100	1	04/03/2025 04:57	WG2481821
Nitrite as (N)	U		0.0794	0.100	1	04/03/2025 04:57	WG2481821
Sulfate	180		6.37	50.0	10	04/03/2025 10:40	WG2481821

Sample Narrative:

L1842529-63 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.710		0.0232	0.200	1	04/08/2025 20:10	WG2483122

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00344		0.000120	0.00200	1	04/08/2025 21:05	WG2484507
Barium	0.0672		0.000500	0.00200	1	04/08/2025 21:05	WG2484507
Calcium	139		0.0925	1.00	1	04/08/2025 21:05	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 21:05	WG2484507
Iron	U		0.0226	0.100	1	04/08/2025 21:05	WG2484507
Lead	U		0.000500	0.00200	1	04/08/2025 21:05	WG2484507
Manganese	0.144		0.000700	0.00500	1	04/08/2025 21:05	WG2484507
Potassium	1.97	J	0.0965	2.00	1	04/08/2025 21:05	WG2484507
Selenium	0.000379	J	0.000250	0.00200	1	04/08/2025 21:05	WG2484507
Sodium	277		0.142	2.00	1	04/08/2025 21:05	WG2484507
Uranium	U		0.000130	0.00100	1	04/08/2025 21:05	WG2484507

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	3.21		0.314	1.00	10	04/08/2025 07:27	WG2485070
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*78.0-120*		*04/08/2025 07:27*	WG2485070

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J3	0.113	0.500	10	04/10/2025 05:57	WG2486758
Benzene	0.254		0.000941	0.0100	10	04/10/2025 05:57	WG2486758
Bromodichloromethane	U		0.00136	0.0100	10	04/10/2025 05:57	WG2486758
Bromoform	U		0.00129	0.0100	10	04/10/2025 05:57	WG2486758
Bromomethane	U	C3 J3	0.00605	0.0500	10	04/10/2025 05:57	WG2486758
n-Butylbenzene	0.00577	J	0.00157	0.0100	10	04/10/2025 05:57	WG2486758
sec-Butylbenzene	0.00807	J	0.00125	0.0100	10	04/10/2025 05:57	WG2486758
Carbon disulfide	U		0.000962	0.0100	10	04/10/2025 05:57	WG2486758
Carbon tetrachloride	U		0.00128	0.0100	10	04/10/2025 05:57	WG2486758
Chlorobenzene	U		0.00116	0.0100	10	04/10/2025 05:57	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.00140	0.0100	10	04/10/2025 05:57	WG2486758
Chloroethane	U		0.00192	0.0500	10	04/10/2025 05:57	WG2486758
Chloroform	U		0.00111	0.0500	10	04/10/2025 05:57	WG2486758
Chloromethane	U	C3	0.00960	0.0250	10	04/10/2025 05:57	WG2486758
1,2-Dibromoethane	U		0.00126	0.0100	10	04/10/2025 05:57	WG2486758
1,1-Dichloroethane	U		0.00100	0.0100	10	04/10/2025 05:57	WG2486758
1,2-Dichloroethane	U		0.000819	0.0100	10	04/10/2025 05:57	WG2486758
1,1-Dichloroethene	U		0.00188	0.0100	10	04/10/2025 05:57	WG2486758
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/10/2025 05:57	WG2486758
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/10/2025 05:57	WG2486758
1,2-Dichloropropane	U		0.00149	0.0100	10	04/10/2025 05:57	WG2486758
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/10/2025 05:57	WG2486758
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/10/2025 05:57	WG2486758
Ethylbenzene	0.00900	J	0.00137	0.0100	10	04/10/2025 05:57	WG2486758
Isopropylbenzene	0.0349		0.00105	0.0100	10	04/10/2025 05:57	WG2486758
p-Isopropyltoluene	0.00312	J	0.00120	0.0100	10	04/10/2025 05:57	WG2486758
2-Butanone (MEK)	U	J3	0.0119	0.100	10	04/10/2025 05:57	WG2486758
2-Hexanone	U		0.00787	0.100	10	04/10/2025 05:57	WG2486758
Methylene Chloride	U		0.00430	0.0500	10	04/10/2025 05:57	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/10/2025 05:57	WG2486758
Methyl tert-butyl ether	0.0832		0.00101	0.0100	10	04/10/2025 05:57	WG2486758
Naphthalene	0.0144	J	0.0100	0.0500	10	04/10/2025 05:57	WG2486758
n-Propylbenzene	0.0487		0.000993	0.0100	10	04/10/2025 05:57	WG2486758
Styrene	U		0.00118	0.0100	10	04/10/2025 05:57	WG2486758
tert-Butyl alcohol	U		0.0406	0.0500	10	04/10/2025 05:57	WG2486758
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/10/2025 05:57	WG2486758
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/10/2025 05:57	WG2486758
Tetrachloroethene	U		0.00300	0.0100	10	04/10/2025 05:57	WG2486758
Toluene	0.00420	J	0.00278	0.0100	10	04/10/2025 05:57	WG2486758
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/10/2025 05:57	WG2486758
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/10/2025 05:57	WG2486758
Trichloroethene	U		0.00190	0.0100	10	04/10/2025 05:57	WG2486758
1,2,4-Trimethylbenzene	0.113		0.00322	0.0100	10	04/10/2025 05:57	WG2486758
1,3,5-Trimethylbenzene	0.0219		0.00104	0.0100	10	04/10/2025 05:57	WG2486758
Vinyl chloride	U		0.00234	0.0100	10	04/10/2025 05:57	WG2486758
o-Xylene	U		0.00174	0.0100	10	04/10/2025 05:57	WG2486758
m&p-Xylene	0.106		0.00430	0.0200	10	04/10/2025 05:57	WG2486758
Xylenes, Total	0.106		0.00174	0.0300	10	04/10/2025 05:57	WG2486758
(S) Toluene-d8	*104*			*80.0-120*		*04/10/2025 05:57*	WG2486758
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*04/10/2025 05:57*	WG2486758
(S) 1,2-Dichloroethane-d4	*95.5*			*70.0-130*		*04/10/2025 05:57*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.50		0.0605	0.100	1	04/09/2025 01:52	WG2484755
(S) o-Terphenyl	*104*			*52.0-156*		*04/09/2025 01:52*	WG2484755

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3490		50.0	1	04/03/2025 10:54	WG2482016

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	114		5.47	10.0	10	04/03/2025 05:10	WG2481821
Fluoride	U		0.761	1.50	10	04/03/2025 05:10	WG2481821
Nitrate as (N)	U		0.884	1.00	10	04/03/2025 05:10	WG2481821
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 05:10	WG2481821
Sulfate	1640		63.7	500	100	04/03/2025 10:53	WG2481821

Sample Narrative:

L1842529-64 WG2481821: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0124		0.000120	0.00200	1	04/08/2025 21:08	WG2484507
Barium	0.0246		0.000500	0.00200	1	04/08/2025 21:08	WG2484507
Calcium	335		0.0925	1.00	1	04/08/2025 21:08	WG2484507
Chromium	0.204		0.000900	0.00200	1	04/08/2025 21:08	WG2484507
Iron	0.450		0.0226	0.100	1	04/08/2025 21:08	WG2484507
Lead	U		0.000500	0.00200	1	04/08/2025 21:08	WG2484507
Manganese	1.05		0.000700	0.00500	1	04/08/2025 21:08	WG2484507
Potassium	0.601	J	0.0965	2.00	1	04/08/2025 21:08	WG2484507
Selenium	0.000388	J	0.000250	0.00200	1	04/08/2025 21:08	WG2484507
Sodium	361		0.142	2.00	1	04/08/2025 21:08	WG2484507

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.333		0.0314	0.100	1	04/08/2025 04:58	WG2485070
(S) a,a,a-Trifluorotoluene(FID)	*98.1*			*78.0-120*		*04/08/2025 04:58*	WG2485070

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 01:56	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 01:56	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 01:56	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 01:56	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 01:56	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 01:56	WG2486758
sec-Butylbenzene	0.00583		0.000125	0.00100	1	04/10/2025 01:56	WG2486758
Carbon disulfide	0.000202	J	0.0000962	0.00100	1	04/10/2025 01:56	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 01:56	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 01:56	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 01:56	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 01:56	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 01:56	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 01:56	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 01:56	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 01:56	WG2486758

DUP-TEL-01
Collected date/time: 04/01/25 12:00
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 01:56	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 01:56	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 01:56	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 01:56	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 01:56	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 01:56	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 01:56	WG2486758
Ethylbenzene	0.000608	J	0.000137	0.00100	1	04/10/2025 01:56	WG2486758
Isopropylbenzene	0.00288		0.000105	0.00100	1	04/10/2025 01:56	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 01:56	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 01:56	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 01:56	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 01:56	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 01:56	WG2486758
Methyl tert-butyl ether	0.0115		0.000101	0.00100	1	04/10/2025 01:56	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 01:56	WG2486758
n-Propylbenzene	0.00153		0.0000993	0.00100	1	04/10/2025 01:56	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 01:56	WG2486758
tert-Butyl alcohol	0.0309		0.00406	0.00500	1	04/10/2025 01:56	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 01:56	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 01:56	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 01:56	WG2486758
Toluene	0.000337	J	0.000278	0.00100	1	04/10/2025 01:56	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 01:56	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 01:56	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 01:56	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 01:56	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 01:56	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 01:56	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 01:56	WG2486758
m&p-Xylene	0.000478	J	0.000430	0.00200	1	04/10/2025 01:56	WG2486758
Xylenes, Total	0.000478	J	0.000174	0.00300	1	04/10/2025 01:56	WG2486758
(S) Toluene-d8	*114*			*80.0-120*		*04/10/2025 01:56*	WG2486758
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*		*04/10/2025 01:56*	WG2486758
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*04/10/2025 01:56*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.28		0.0605	0.100	1	04/08/2025 18:53	WG2484757
(S) o-Terphenyl	*95.8*			*52.0-156*		*04/08/2025 18:53*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	04/02/2025 20:55	WG2481829
Fluoride	0.0962	J P1	0.0761	0.150	1	04/02/2025 20:55	WG2481829
Nitrate as (N)	U		0.0884	0.100	1	04/02/2025 20:55	WG2481829
Nitrite as (N)	U		0.0794	0.100	1	04/02/2025 20:55	WG2481829
Sulfate	U		0.637	5.00	1	04/02/2025 20:55	WG2481829

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	04/08/2025 19:43	WG2484507
Barium	U		0.000500	0.00200	1	04/08/2025 19:43	WG2484507
Calcium	0.0940	J	0.0925	1.00	1	04/08/2025 19:43	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 19:43	WG2484507
Iron	U		0.0226	0.100	1	04/08/2025 19:43	WG2484507
Lead	U		0.000500	0.00200	1	04/08/2025 19:43	WG2484507
Manganese	U		0.000700	0.00500	1	04/08/2025 19:43	WG2484507
Potassium	U		0.0965	2.00	1	04/08/2025 19:43	WG2484507
Selenium	U		0.000250	0.00200	1	04/08/2025 19:43	WG2484507
Sodium	U		0.142	2.00	1	04/08/2025 19:43	WG2484507

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/08/2025 00:43	WG2485070
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/08/2025 00:43*	WG2485070

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 21:12	WG2486758
Benzene	U		0.0000941	0.00100	1	04/09/2025 21:12	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 21:12	WG2486758
Bromoform	U		0.000129	0.00100	1	04/09/2025 21:12	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/09/2025 21:12	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 21:12	WG2486758
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 21:12	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 21:12	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 21:12	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 21:12	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 21:12	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/09/2025 21:12	WG2486758
Chloroform	U		0.000111	0.00500	1	04/09/2025 21:12	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/09/2025 21:12	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 21:12	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 21:12	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 21:12	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 21:12	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 21:12	WG2486758

EB-TEL-01
Collected date/time: 04/01/25 11:50
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 21:12	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 21:12	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 21:12	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 21:12	WG2486758
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 21:12	WG2486758
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 21:12	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 21:12	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 21:12	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/09/2025 21:12	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 21:12	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 21:12	WG2486758
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 21:12	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/09/2025 21:12	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 21:12	WG2486758
Styrene	U		0.000118	0.00100	1	04/09/2025 21:12	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 21:12	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 21:12	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 21:12	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 21:12	WG2486758
Toluene	U		0.000278	0.00100	1	04/09/2025 21:12	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 21:12	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 21:12	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 21:12	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 21:12	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 21:12	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 21:12	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/09/2025 21:12	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 21:12	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 21:12	WG2486758
(S) Toluene-d8	*114*			*80.0-120*		*04/09/2025 21:12*	WG2486758
(S) 4-Bromofluorobenzene	*97.6*			*77.0-126*		*04/09/2025 21:12*	WG2486758
(S) 1,2-Dichloroethane-d4	*95.0*			*70.0-130*		*04/09/2025 21:12*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/08/2025 19:13	WG2484757
(S) o-Terphenyl	*78.4*			*52.0-156*		*04/08/2025 19:13*	WG2484757

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 21:33	WG2486758
Benzene	U		0.0000941	0.00100	1	04/09/2025 21:33	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 21:33	WG2486758
Bromoform	U		0.000129	0.00100	1	04/09/2025 21:33	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/09/2025 21:33	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 21:33	WG2486758
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 21:33	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 21:33	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 21:33	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 21:33	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 21:33	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/09/2025 21:33	WG2486758
Chloroform	U		0.000111	0.00500	1	04/09/2025 21:33	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/09/2025 21:33	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 21:33	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 21:33	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 21:33	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 21:33	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 21:33	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 21:33	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 21:33	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 21:33	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 21:33	WG2486758
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 21:33	WG2486758
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 21:33	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 21:33	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 21:33	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/09/2025 21:33	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 21:33	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 21:33	WG2486758
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 21:33	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/09/2025 21:33	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 21:33	WG2486758
Styrene	U		0.000118	0.00100	1	04/09/2025 21:33	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 21:33	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 21:33	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 21:33	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 21:33	WG2486758
Toluene	U		0.000278	0.00100	1	04/09/2025 21:33	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 21:33	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 21:33	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 21:33	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 21:33	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 21:33	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 21:33	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/09/2025 21:33	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 21:33	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 21:33	WG2486758
(S) Toluene-d8	*112*			*80.0-120*		*04/09/2025 21:33*	WG2486758
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*		*04/09/2025 21:33*	WG2486758
(S) 1,2-Dichloroethane-d4	*98.7*			*70.0-130*		*04/09/2025 21:33*	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/09/2025 21:55	WG2486758
Benzene	U		0.0000941	0.00100	1	04/09/2025 21:55	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/09/2025 21:55	WG2486758
Bromoform	U		0.000129	0.00100	1	04/09/2025 21:55	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/09/2025 21:55	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/09/2025 21:55	WG2486758
sec-Butylbenzene	U		0.000125	0.00100	1	04/09/2025 21:55	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/09/2025 21:55	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/09/2025 21:55	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/09/2025 21:55	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/09/2025 21:55	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/09/2025 21:55	WG2486758
Chloroform	U		0.000111	0.00500	1	04/09/2025 21:55	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/09/2025 21:55	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/09/2025 21:55	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/09/2025 21:55	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/09/2025 21:55	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/09/2025 21:55	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/09/2025 21:55	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/09/2025 21:55	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/09/2025 21:55	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/09/2025 21:55	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/09/2025 21:55	WG2486758
Ethylbenzene	U		0.000137	0.00100	1	04/09/2025 21:55	WG2486758
Isopropylbenzene	U		0.000105	0.00100	1	04/09/2025 21:55	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/09/2025 21:55	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/09/2025 21:55	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/09/2025 21:55	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/09/2025 21:55	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/09/2025 21:55	WG2486758
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/09/2025 21:55	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/09/2025 21:55	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/09/2025 21:55	WG2486758
Styrene	U		0.000118	0.00100	1	04/09/2025 21:55	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/09/2025 21:55	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/09/2025 21:55	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/09/2025 21:55	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/09/2025 21:55	WG2486758
Toluene	U		0.000278	0.00100	1	04/09/2025 21:55	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/09/2025 21:55	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/09/2025 21:55	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/09/2025 21:55	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/09/2025 21:55	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/09/2025 21:55	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/09/2025 21:55	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/09/2025 21:55	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/09/2025 21:55	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/09/2025 21:55	WG2486758
(S) Toluene-d8	*114*			*80.0-120*		*04/09/2025 21:55*	WG2486758
(S) 4-Bromofluorobenzene	*98.7*			*77.0-126*		*04/09/2025 21:55*	WG2486758
(S) 1,2-Dichloroethane-d4	*98.0*			*70.0-130*		*04/09/2025 21:55*	WG2486758

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3100		50.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	98.0		5.47	10.0	10	04/02/2025 21:49	WG2481829
Fluoride	0.983	J	0.761	1.50	10	04/02/2025 21:49	WG2481829
Nitrate as (N)	U		0.884	1.00	10	04/02/2025 21:49	WG2481829
Nitrite as (N)	U		0.794	1.00	10	04/02/2025 21:49	WG2481829
Sulfate	1760		63.7	500	100	04/03/2025 02:19	WG2481829

Sample Narrative:

L1842529-68 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00979		0.000120	0.00200	1	04/08/2025 21:11	WG2484507
Barium	0.0247		0.000500	0.00200	1	04/08/2025 21:11	WG2484507
Calcium	350		0.0925	1.00	1	04/08/2025 21:11	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 21:11	WG2484507
Iron	0.323		0.0226	0.100	1	04/08/2025 21:11	WG2484507
Lead	0.000558	J	0.000500	0.00200	1	04/08/2025 21:11	WG2484507
Manganese	1.53		0.000700	0.00500	1	04/08/2025 21:11	WG2484507
Potassium	0.389	J	0.0965	2.00	1	04/08/2025 21:11	WG2484507
Selenium	U		0.000250	0.00200	1	04/08/2025 21:11	WG2484507
Sodium	261		0.142	2.00	1	04/08/2025 21:11	WG2484507

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.185		0.0314	0.100	1	04/08/2025 05:19	WG2485070
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/08/2025 05:19*	WG2485070

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 02:18	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 02:18	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 02:18	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 02:18	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 02:18	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 02:18	WG2486758
sec-Butylbenzene	0.00157		0.000125	0.00100	1	04/10/2025 02:18	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 02:18	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 02:18	WG2486758
Chlorobenzene	0.000419	J	0.000116	0.00100	1	04/10/2025 02:18	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 02:18	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 02:18	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 02:18	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 02:18	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 02:18	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 02:18	WG2486758

MW-139
Collected date/time: 04/01/25 12:30
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 02:18	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 02:18	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 02:18	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 02:18	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 02:18	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 02:18	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 02:18	WG2486758
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 02:18	WG2486758
Isopropylbenzene	0.00200		0.000105	0.00100	1	04/10/2025 02:18	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 02:18	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 02:18	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 02:18	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 02:18	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 02:18	WG2486758
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 02:18	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 02:18	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 02:18	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 02:18	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 02:18	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 02:18	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 02:18	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 02:18	WG2486758
Toluene	U		0.000278	0.00100	1	04/10/2025 02:18	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 02:18	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 02:18	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 02:18	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 02:18	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 02:18	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 02:18	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 02:18	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 02:18	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 02:18	WG2486758
(S) Toluene-d8	*117*			*80.0-120*		*04/10/2025 02:18*	WG2486758
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/10/2025 02:18*	WG2486758
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/10/2025 02:18*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.915		0.0605	0.100	1	04/08/2025 19:34	WG2484757
(S) o-Terphenyl	*84.7*			*52.0-156*		*04/08/2025 19:34*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3330		50.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	171		2.74	5.00	5	04/02/2025 22:02	WG2481829
Fluoride	1.81		0.380	0.750	5	04/02/2025 22:02	WG2481829
Nitrate as (N)	U		0.442	0.500	5	04/02/2025 22:02	WG2481829
Nitrite as (N)	U		0.397	0.500	5	04/02/2025 22:02	WG2481829
Sulfate	2090		31.8	250	50	04/03/2025 02:32	WG2481829

Sample Narrative:

L1842529-69 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0261		0.000120	0.00200	1	04/08/2025 19:50	WG2484507
Barium	0.0166		0.000500	0.00200	1	04/08/2025 19:50	WG2484507
Calcium	382		0.0925	1.00	1	04/08/2025 19:50	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 19:50	WG2484507
Iron	7.40		0.0226	0.100	1	04/08/2025 19:50	WG2484507
Lead	U		0.000500	0.00200	1	04/08/2025 19:50	WG2484507
Manganese	0.632		0.000700	0.00500	1	04/08/2025 19:50	WG2484507
Potassium	2.33		0.0965	2.00	1	04/08/2025 19:50	WG2484507
Selenium	0.000453	J	0.000250	0.00200	1	04/08/2025 19:50	WG2484507
Sodium	259		0.142	2.00	1	04/08/2025 19:50	WG2484507

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 02:40	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 02:40	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 02:40	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 02:40	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 02:40	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 02:40	WG2486758
sec-Butylbenzene	0.000341	J	0.000125	0.00100	1	04/10/2025 02:40	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 02:40	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 02:40	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 02:40	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 02:40	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 02:40	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 02:40	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 02:40	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 02:40	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 02:40	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 02:40	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 02:40	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 02:40	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 02:40	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 02:40	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 02:40	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 02:40	WG2486758

MW-30
Collected date/time: 04/01/25 14:40
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 02:40	WG2486758
Isopropylbenzene	0.000345	J	0.000105	0.00100	1	04/10/2025 02:40	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 02:40	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 02:40	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 02:40	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 02:40	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 02:40	WG2486758
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 02:40	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 02:40	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 02:40	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 02:40	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 02:40	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 02:40	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 02:40	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 02:40	WG2486758
Toluene	U		0.000278	0.00100	1	04/10/2025 02:40	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 02:40	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 02:40	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 02:40	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 02:40	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 02:40	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 02:40	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 02:40	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 02:40	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 02:40	WG2486758
(S) Toluene-d8	*110*			*80.0-120*		*04/10/2025 02:40*	WG2486758
(S) 4-Bromofluorobenzene	*99.0*			*77.0-126*		*04/10/2025 02:40*	WG2486758
(S) 1,2-Dichloroethane-d4	*99.6*			*70.0-130*		*04/10/2025 02:40*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.467		0.0605	0.100	1	04/08/2025 19:54	WG2484757
(S) o-Terphenyl	*81.6*			*52.0-156*		*04/08/2025 19:54*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1550		25.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	214		2.74	5.00	5	04/03/2025 02:46	WG2481829
Fluoride	1.12		0.0761	0.150	1	04/02/2025 22:16	WG2481829
Nitrate as (N)	U		0.0884	0.100	1	04/02/2025 22:16	WG2481829
Nitrite as (N)	U		0.0794	0.100	1	04/02/2025 22:16	WG2481829
Sulfate	228		3.18	25.0	5	04/03/2025 02:46	WG2481829

Sample Narrative:

L1842529-70 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00141	J	0.000120	0.00200	1	04/08/2025 21:14	WG2484507
Barium	0.146		0.000500	0.00200	1	04/08/2025 21:14	WG2484507
Calcium	177		0.0925	1.00	1	04/08/2025 21:14	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 21:14	WG2484507
Iron	U		0.0226	0.100	1	04/08/2025 21:14	WG2484507
Lead	U		0.000500	0.00200	1	04/08/2025 21:14	WG2484507
Manganese	0.00140	J	0.000700	0.00500	1	04/08/2025 21:14	WG2484507
Potassium	1.19	J	0.0965	2.00	1	04/08/2025 21:14	WG2484507
Selenium	U		0.000250	0.00200	1	04/08/2025 21:14	WG2484507
Sodium	200		0.142	2.00	1	04/08/2025 21:14	WG2484507

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	14.4		0.314	1.00	10	04/08/2025 07:48	WG2485070
(S) a,a,a-Trifluorotoluene(FID)	*98.5*			*78.0-120*		*04/08/2025 07:48*	WG2485070

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	11.3	50.0	1000	04/10/2025 06:19	WG2486758
Benzene	U		0.0941	1.00	1000	04/10/2025 06:19	WG2486758
Bromodichloromethane	U		0.136	1.00	1000	04/10/2025 06:19	WG2486758
Bromoform	U		0.129	1.00	1000	04/10/2025 06:19	WG2486758
Bromomethane	U	C3 J3	0.605	5.00	1000	04/10/2025 06:19	WG2486758
n-Butylbenzene	U		0.157	1.00	1000	04/10/2025 06:19	WG2486758
sec-Butylbenzene	U		0.125	1.00	1000	04/10/2025 06:19	WG2486758
Carbon disulfide	U		0.0962	1.00	1000	04/10/2025 06:19	WG2486758
Carbon tetrachloride	U		0.128	1.00	1000	04/10/2025 06:19	WG2486758
Chlorobenzene	U		0.116	1.00	1000	04/10/2025 06:19	WG2486758
Chlorodibromomethane	U		0.140	1.00	1000	04/10/2025 06:19	WG2486758
Chloroethane	U		0.192	5.00	1000	04/10/2025 06:19	WG2486758
Chloroform	U		0.111	5.00	1000	04/10/2025 06:19	WG2486758
Chloromethane	U	C3	0.960	2.50	1000	04/10/2025 06:19	WG2486758
1,2-Dibromoethane	U		0.126	1.00	1000	04/10/2025 06:19	WG2486758
1,1-Dichloroethane	U		0.100	1.00	1000	04/10/2025 06:19	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0819	1.00	1000	04/10/2025 06:19	WG2486758
1,1-Dichloroethene	U		0.188	1.00	1000	04/10/2025 06:19	WG2486758
cis-1,2-Dichloroethene	U		0.126	1.00	1000	04/10/2025 06:19	WG2486758
trans-1,2-Dichloroethene	U		0.149	1.00	1000	04/10/2025 06:19	WG2486758
1,2-Dichloropropane	U		0.149	1.00	1000	04/10/2025 06:19	WG2486758
cis-1,3-Dichloropropene	U		0.111	1.00	1000	04/10/2025 06:19	WG2486758
trans-1,3-Dichloropropene	U		0.118	1.00	1000	04/10/2025 06:19	WG2486758
Ethylbenzene	U		0.137	1.00	1000	04/10/2025 06:19	WG2486758
Isopropylbenzene	U		0.105	1.00	1000	04/10/2025 06:19	WG2486758
p-Isopropyltoluene	U		0.120	1.00	1000	04/10/2025 06:19	WG2486758
2-Butanone (MEK)	U	J3	1.19	10.0	1000	04/10/2025 06:19	WG2486758
2-Hexanone	U		0.787	10.0	1000	04/10/2025 06:19	WG2486758
Methylene Chloride	U		0.430	5.00	1000	04/10/2025 06:19	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1000	04/10/2025 06:19	WG2486758
Methyl tert-butyl ether	17.2		0.101	1.00	1000	04/10/2025 06:19	WG2486758
Naphthalene	U		1.00	5.00	1000	04/10/2025 06:19	WG2486758
n-Propylbenzene	U		0.0993	1.00	1000	04/10/2025 06:19	WG2486758
Styrene	U		0.118	1.00	1000	04/10/2025 06:19	WG2486758
tert-Butyl alcohol	U		4.06	5.00	1000	04/10/2025 06:19	WG2486758
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1000	04/10/2025 06:19	WG2486758
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1000	04/10/2025 06:19	WG2486758
Tetrachloroethene	U		0.300	1.00	1000	04/10/2025 06:19	WG2486758
Toluene	U		0.278	1.00	1000	04/10/2025 06:19	WG2486758
1,1,1-Trichloroethane	U		0.149	1.00	1000	04/10/2025 06:19	WG2486758
1,1,2-Trichloroethane	U		0.158	1.00	1000	04/10/2025 06:19	WG2486758
Trichloroethene	U		0.190	1.00	1000	04/10/2025 06:19	WG2486758
1,2,4-Trimethylbenzene	U		0.322	1.00	1000	04/10/2025 06:19	WG2486758
1,3,5-Trimethylbenzene	U		0.104	1.00	1000	04/10/2025 06:19	WG2486758
Vinyl chloride	U		0.234	1.00	1000	04/10/2025 06:19	WG2486758
o-Xylene	U		0.174	1.00	1000	04/10/2025 06:19	WG2486758
m&p-Xylene	U		0.430	2.00	1000	04/10/2025 06:19	WG2486758
Xylenes, Total	U		0.174	3.00	1000	04/10/2025 06:19	WG2486758
(S) Toluene-d8	*114*			*80.0-120*		*04/10/2025 06:19*	WG2486758
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*		*04/10/2025 06:19*	WG2486758
(S) 1,2-Dichloroethane-d4	*99.5*			*70.0-130*		*04/10/2025 06:19*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	6.07		0.0605	0.100	1	04/08/2025 20:14	WG2484757
(S) o-Terphenyl	*101*			*52.0-156*		*04/08/2025 20:14*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2880		50.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	476		27.4	50.0	50	04/03/2025 03:26	WG2481829
Fluoride	1.69		0.380	0.750	5	04/02/2025 22:29	WG2481829
Nitrate as (N)	U		0.442	0.500	5	04/02/2025 22:29	WG2481829
Nitrite as (N)	U		0.397	0.500	5	04/02/2025 22:29	WG2481829
Sulfate	1050		31.8	250	50	04/03/2025 03:26	WG2481829

Sample Narrative:

L1842529-71 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00543		0.000120	0.00200	1	04/08/2025 21:18	WG2484507
Barium	0.0188		0.000500	0.00200	1	04/08/2025 21:18	WG2484507
Calcium	465		0.0925	1.00	1	04/08/2025 21:18	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 21:18	WG2484507
Iron	1.98		0.0226	0.100	1	04/08/2025 21:18	WG2484507
Lead	U		0.000500	0.00200	1	04/08/2025 21:18	WG2484507
Manganese	0.129		0.000700	0.00500	1	04/08/2025 21:18	WG2484507
Potassium	4.00		0.0965	2.00	1	04/08/2025 21:18	WG2484507
Selenium	0.00107	J	0.000250	0.00200	1	04/08/2025 21:18	WG2484507
Sodium	309		0.142	2.00	1	04/08/2025 21:18	WG2484507

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 03:01	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 03:01	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 03:01	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 03:01	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 03:01	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 03:01	WG2486758
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 03:01	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 03:01	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 03:01	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 03:01	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 03:01	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 03:01	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 03:01	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 03:01	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 03:01	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 03:01	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 03:01	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 03:01	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 03:01	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 03:01	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 03:01	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 03:01	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 03:01	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 03:01	WG2486758
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 03:01	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 03:01	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 03:01	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 03:01	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 03:01	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 03:01	WG2486758
Methyl tert-butyl ether	0.000326	J	0.000101	0.00100	1	04/10/2025 03:01	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 03:01	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 03:01	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 03:01	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 03:01	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 03:01	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 03:01	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 03:01	WG2486758
Toluene	U		0.000278	0.00100	1	04/10/2025 03:01	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 03:01	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 03:01	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 03:01	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 03:01	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 03:01	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 03:01	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 03:01	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 03:01	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 03:01	WG2486758
(S) Toluene-d8	*113*			*80.0-120*		*04/10/2025 03:01*	WG2486758
(S) 4-Bromofluorobenzene	*97.3*			*77.0-126*		*04/10/2025 03:01*	WG2486758
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/10/2025 03:01*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	9.40		0.303	0.500	5	04/09/2025 18:40	WG2484757
(S) o-Terphenyl	*92.1*			*52.0-156*		*04/09/2025 18:40*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2270		50.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	85.2		2.74	5.00	5	04/02/2025 22:43	WG2481829
Fluoride	1.91		0.380	0.750	5	04/02/2025 22:43	WG2481829
Nitrate as (N)	U		0.442	0.500	5	04/02/2025 22:43	WG2481829
Nitrite as (N)	U		0.397	0.500	5	04/02/2025 22:43	WG2481829
Sulfate	1250		31.8	250	50	04/03/2025 03:40	WG2481829

Sample Narrative:

L1842529-72 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00779		0.000120	0.00200	1	04/08/2025 21:21	WG2484507
Barium	0.0172		0.000500	0.00200	1	04/08/2025 21:21	WG2484507
Calcium	341		0.0925	1.00	1	04/08/2025 21:21	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 21:21	WG2484507
Iron	0.359		0.0226	0.100	1	04/08/2025 21:21	WG2484507
Lead	U		0.000500	0.00200	1	04/08/2025 21:21	WG2484507
Manganese	0.675		0.000700	0.00500	1	04/08/2025 21:21	WG2484507
Potassium	1.97	J	0.0965	2.00	1	04/08/2025 21:21	WG2484507
Selenium	0.000266	J	0.000250	0.00200	1	04/08/2025 21:21	WG2484507
Sodium	144		0.142	2.00	1	04/08/2025 21:21	WG2484507

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 03:23	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 03:23	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 03:23	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 03:23	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 03:23	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 03:23	WG2486758
sec-Butylbenzene	0.000194	J	0.000125	0.00100	1	04/10/2025 03:23	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 03:23	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 03:23	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 03:23	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 03:23	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 03:23	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 03:23	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 03:23	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 03:23	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 03:23	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 03:23	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 03:23	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 03:23	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 03:23	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 03:23	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 03:23	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 03:23	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 03:23	WG2486758
Isopropylbenzene	0.00118		0.000105	0.00100	1	04/10/2025 03:23	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 03:23	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 03:23	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 03:23	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 03:23	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 03:23	WG2486758
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 03:23	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 03:23	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 03:23	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 03:23	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 03:23	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 03:23	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 03:23	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 03:23	WG2486758
Toluene	U		0.000278	0.00100	1	04/10/2025 03:23	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 03:23	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 03:23	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 03:23	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 03:23	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 03:23	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 03:23	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 03:23	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 03:23	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 03:23	WG2486758
(S) Toluene-d8	*114*			*80.0-120*		*04/10/2025 03:23*	WG2486758
(S) 4-Bromofluorobenzene	*99.9*			*77.0-126*		*04/10/2025 03:23*	WG2486758
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*04/10/2025 03:23*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.29		0.0605	0.100	1	04/08/2025 20:54	WG2484757
(S) o-Terphenyl	*93.7*			*52.0-156*		*04/08/2025 20:54*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2530		50.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	112		2.74	5.00	5	04/02/2025 22:56	WG2481829
Fluoride	1.04		0.380	0.750	5	04/02/2025 22:56	WG2481829
Nitrate as (N)	2.88		0.442	0.500	5	04/02/2025 22:56	WG2481829
Nitrite as (N)	U		0.397	0.500	5	04/02/2025 22:56	WG2481829
Sulfate	1400		31.8	250	50	04/03/2025 03:54	WG2481829

Sample Narrative:

L1842529-73 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00278		0.000120	0.00200	1	04/08/2025 21:24	WG2484507
Barium	0.0187		0.000500	0.00200	1	04/08/2025 21:24	WG2484507
Calcium	438		0.0925	1.00	1	04/08/2025 21:24	WG2484507
Chromium	0.00894		0.000900	0.00200	1	04/08/2025 21:24	WG2484507
Iron	0.460		0.0226	0.100	1	04/08/2025 21:24	WG2484507
Lead	0.00525		0.000500	0.00200	1	04/08/2025 21:24	WG2484507
Manganese	0.949		0.000700	0.00500	1	04/08/2025 21:24	WG2484507
Potassium	3.19		0.0965	2.00	1	04/08/2025 21:24	WG2484507
Selenium	0.00212		0.000250	0.00200	1	04/08/2025 21:24	WG2484507
Sodium	125		0.142	2.00	1	04/08/2025 21:24	WG2484507

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 03:45	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 03:45	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 03:45	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 03:45	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 03:45	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 03:45	WG2486758
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 03:45	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 03:45	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 03:45	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 03:45	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 03:45	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 03:45	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 03:45	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 03:45	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 03:45	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 03:45	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 03:45	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 03:45	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 03:45	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 03:45	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 03:45	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 03:45	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 03:45	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	0.000260	J	0.000137	0.00100	1	04/10/2025 03:45	WG2486758
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 03:45	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 03:45	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 03:45	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 03:45	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 03:45	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 03:45	WG2486758
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 03:45	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 03:45	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 03:45	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 03:45	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 03:45	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 03:45	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 03:45	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 03:45	WG2486758
Toluene	U		0.000278	0.00100	1	04/10/2025 03:45	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 03:45	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 03:45	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 03:45	WG2486758
1,2,4-Trimethylbenzene	0.000901	J	0.000322	0.00100	1	04/10/2025 03:45	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 03:45	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 03:45	WG2486758
o-Xylene	0.000395	J	0.000174	0.00100	1	04/10/2025 03:45	WG2486758
m&p-Xylene	0.000913	J	0.000430	0.00200	1	04/10/2025 03:45	WG2486758
Xylenes, Total	0.00131	J	0.000174	0.00300	1	04/10/2025 03:45	WG2486758
(S) Toluene-d8	*106*			*80.0-120*		*04/10/2025 03:45*	WG2486758
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*		*04/10/2025 03:45*	WG2486758
(S) 1,2-Dichloroethane-d4	*99.3*			*70.0-130*		*04/10/2025 03:45*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.51		0.0605	0.100	1	04/08/2025 21:14	WG2484757
(S) o-Terphenyl	*82.1*			*52.0-156*		*04/08/2025 21:14*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1300		20.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	28.2		2.74	5.00	5	04/02/2025 23:10	WG2481829
Fluoride	1.12		0.380	0.750	5	04/02/2025 23:10	WG2481829
Nitrate as (N)	U		0.442	0.500	5	04/02/2025 23:10	WG2481829
Nitrite as (N)	U		0.397	0.500	5	04/02/2025 23:10	WG2481829
Sulfate	441		3.18	25.0	5	04/02/2025 23:10	WG2481829

Sample Narrative:

L1842529-74 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000605	J	0.000120	0.00200	1	04/08/2025 21:27	WG2484507
Barium	0.0371		0.000500	0.00200	1	04/08/2025 21:27	WG2484507
Calcium	166		0.0925	1.00	1	04/08/2025 21:27	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 21:27	WG2484507
Iron	0.122		0.0226	0.100	1	04/08/2025 21:27	WG2484507
Lead	U		0.000500	0.00200	1	04/08/2025 21:27	WG2484507
Manganese	0.0438		0.000700	0.00500	1	04/08/2025 21:27	WG2484507
Potassium	0.239	J	0.0965	2.00	1	04/08/2025 21:27	WG2484507
Selenium	U		0.000250	0.00200	1	04/08/2025 21:27	WG2484507
Sodium	33.0		0.142	2.00	1	04/08/2025 21:27	WG2484507

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 04:07	WG2486758
Benzene	0.00102		0.0000941	0.00100	1	04/10/2025 04:07	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 04:07	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 04:07	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 04:07	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 04:07	WG2486758
sec-Butylbenzene	0.00168		0.000125	0.00100	1	04/10/2025 04:07	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 04:07	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 04:07	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 04:07	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 04:07	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 04:07	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 04:07	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 04:07	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 04:07	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 04:07	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 04:07	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 04:07	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 04:07	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 04:07	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 04:07	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 04:07	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 04:07	WG2486758

MW-108
Collected date/time: 04/01/25 13:15
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 04:07	WG2486758
Isopropylbenzene	0.0116		0.000105	0.00100	1	04/10/2025 04:07	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 04:07	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 04:07	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 04:07	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 04:07	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 04:07	WG2486758
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 04:07	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 04:07	WG2486758
n-Propylbenzene	0.000890	J	0.0000993	0.00100	1	04/10/2025 04:07	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 04:07	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 04:07	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 04:07	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 04:07	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 04:07	WG2486758
Toluene	U		0.000278	0.00100	1	04/10/2025 04:07	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 04:07	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 04:07	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 04:07	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 04:07	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 04:07	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 04:07	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 04:07	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 04:07	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 04:07	WG2486758
(S) Toluene-d8	*109*			*80.0-120*		*04/10/2025 04:07*	WG2486758
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*04/10/2025 04:07*	WG2486758
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*04/10/2025 04:07*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.55		0.0605	0.100	1	04/08/2025 21:34	WG2484757
(S) o-Terphenyl	*105*			*52.0-156*		*04/08/2025 21:34*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1350		20.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	58.2		2.74	5.00	5	04/02/2025 23:23	WG2481829
Fluoride	1.59		0.380	0.750	5	04/02/2025 23:23	WG2481829
Nitrate as (N)	U		0.442	0.500	5	04/02/2025 23:23	WG2481829
Nitrite as (N)	U		0.397	0.500	5	04/02/2025 23:23	WG2481829
Sulfate	628		31.8	250	50	04/03/2025 04:21	WG2481829

Sample Narrative:

L1842529-75 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00834		0.000120	0.00200	1	04/08/2025 20:17	WG2484507
Barium	0.0186		0.000500	0.00200	1	04/08/2025 20:17	WG2484507
Calcium	188		0.0925	1.00	1	04/08/2025 20:17	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 20:17	WG2484507
Iron	0.515		0.0226	0.100	1	04/08/2025 20:17	WG2484507
Lead	U		0.000500	0.00200	1	04/08/2025 20:17	WG2484507
Manganese	1.32		0.000700	0.00500	1	04/08/2025 20:17	WG2484507
Potassium	0.237	J	0.0965	2.00	1	04/08/2025 20:17	WG2484507
Selenium	U		0.000250	0.00200	1	04/08/2025 20:17	WG2484507
Sodium	28.2		0.142	2.00	1	04/08/2025 20:17	WG2484507

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 04:29	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 04:29	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 04:29	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 04:29	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 04:29	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 04:29	WG2486758
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 04:29	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 04:29	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 04:29	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 04:29	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 04:29	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 04:29	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 04:29	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 04:29	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 04:29	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 04:29	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 04:29	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 04:29	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 04:29	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 04:29	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 04:29	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 04:29	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 04:29	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 04:29	WG2486758
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 04:29	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 04:29	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 04:29	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 04:29	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 04:29	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 04:29	WG2486758
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 04:29	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 04:29	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 04:29	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 04:29	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 04:29	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 04:29	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 04:29	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 04:29	WG2486758
Toluene	U		0.000278	0.00100	1	04/10/2025 04:29	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 04:29	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 04:29	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 04:29	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 04:29	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 04:29	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 04:29	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 04:29	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 04:29	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 04:29	WG2486758
(S) Toluene-d8	*114*			*80.0-120*		*04/10/2025 04:29*	WG2486758
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*04/10/2025 04:29*	WG2486758
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/10/2025 04:29*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.463		0.0605	0.100	1	04/09/2025 12:57	WG2484757
(S) o-Terphenyl	*79.5*			*52.0-156*		*04/09/2025 12:57*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	1730		50.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	244		2.74	5.00	5	04/02/2025 23:37	WG2481829
Fluoride	1.53		0.380	0.750	5	04/02/2025 23:37	WG2481829
Nitrate as (N)	U		0.442	0.500	5	04/02/2025 23:37	WG2481829
Nitrite as (N)	U		0.397	0.500	5	04/02/2025 23:37	WG2481829
Sulfate	661		31.8	250	50	04/03/2025 04:34	WG2481829

Sample Narrative:

L1842529-76 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.495		0.0232	0.200	1	04/08/2025 20:11	WG2483122
Boron,Dissolved	0.510		0.0232	0.200	1	04/04/2025 20:26	WG2483114

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00588		0.000120	0.00200	1	04/08/2025 18:54	WG2484507
Arsenic,Dissolved	0.00565		0.000120	0.00200	1	04/07/2025 18:03	WG2482428
Barium	0.0157		0.000500	0.00200	1	04/08/2025 18:54	WG2484507
Calcium	213		0.0925	1.00	1	04/08/2025 18:54	WG2484507
Chromium	U		0.000900	0.00200	1	04/08/2025 18:54	WG2484507
Iron	0.0511	J	0.0226	0.100	1	04/08/2025 18:54	WG2484507
Iron,Dissolved	0.0313	J	0.0226	0.100	1	04/07/2025 18:03	WG2482428
Lead	0.00142	J	0.000500	0.00200	1	04/08/2025 18:54	WG2484507
Manganese	0.223		0.000700	0.00500	1	04/08/2025 18:54	WG2484507
Manganese,Dissolved	0.181		0.000700	0.00500	1	04/07/2025 18:03	WG2482428
Potassium	0.601	J	0.0965	2.00	1	04/08/2025 18:54	WG2484507
Selenium	0.00120	J	0.000250	0.00200	1	04/08/2025 18:54	WG2484507
Sodium	236		0.142	2.00	1	04/08/2025 18:54	WG2484507
Uranium	0.0177		0.000130	0.00100	1	04/08/2025 18:54	WG2484507
Uranium,Dissolved	0.0170		0.000130	0.00100	1	04/07/2025 18:03	WG2482428

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	0.185		0.0314	0.100	1	04/08/2025 05:41	WG2485070
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*78.0-120*		*04/08/2025 05:41*	WG2485070

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J3	0.113	0.500	10	04/10/2025 06:41	WG2486758
Benzene	U		0.000941	0.0100	10	04/10/2025 06:41	WG2486758
Bromodichloromethane	U		0.00136	0.0100	10	04/10/2025 06:41	WG2486758
Bromoform	U		0.00129	0.0100	10	04/10/2025 06:41	WG2486758
Bromomethane	U	C3 J3	0.00605	0.0500	10	04/10/2025 06:41	WG2486758

MW-33
Collected date/time: 04/01/25 12:15
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.00157	0.0100	10	04/10/2025 06:41	WG2486758
sec-Butylbenzene	U		0.00125	0.0100	10	04/10/2025 06:41	WG2486758
Carbon disulfide	U		0.000962	0.0100	10	04/10/2025 06:41	WG2486758
Carbon tetrachloride	U		0.00128	0.0100	10	04/10/2025 06:41	WG2486758
Chlorobenzene	U		0.00116	0.0100	10	04/10/2025 06:41	WG2486758
Chlorodibromomethane	U		0.00140	0.0100	10	04/10/2025 06:41	WG2486758
Chloroethane	U		0.00192	0.0500	10	04/10/2025 06:41	WG2486758
Chloroform	U		0.00111	0.0500	10	04/10/2025 06:41	WG2486758
Chloromethane	U	C3	0.00960	0.0250	10	04/10/2025 06:41	WG2486758
1,2-Dibromoethane	U		0.00126	0.0100	10	04/10/2025 06:41	WG2486758
1,1-Dichloroethane	U		0.00100	0.0100	10	04/10/2025 06:41	WG2486758
1,2-Dichloroethane	U		0.000819	0.0100	10	04/10/2025 06:41	WG2486758
1,1-Dichloroethene	U		0.00188	0.0100	10	04/10/2025 06:41	WG2486758
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/10/2025 06:41	WG2486758
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/10/2025 06:41	WG2486758
1,2-Dichloropropane	U		0.00149	0.0100	10	04/10/2025 06:41	WG2486758
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/10/2025 06:41	WG2486758
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/10/2025 06:41	WG2486758
Ethylbenzene	U		0.00137	0.0100	10	04/10/2025 06:41	WG2486758
Isopropylbenzene	U		0.00105	0.0100	10	04/10/2025 06:41	WG2486758
p-Isopropyltoluene	U		0.00120	0.0100	10	04/10/2025 06:41	WG2486758
2-Butanone (MEK)	U	J3	0.0119	0.100	10	04/10/2025 06:41	WG2486758
2-Hexanone	U		0.00787	0.100	10	04/10/2025 06:41	WG2486758
Methylene Chloride	U		0.00430	0.0500	10	04/10/2025 06:41	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/10/2025 06:41	WG2486758
Methyl tert-butyl ether	0.199		0.00101	0.0100	10	04/10/2025 06:41	WG2486758
Naphthalene	U		0.0100	0.0500	10	04/10/2025 06:41	WG2486758
n-Propylbenzene	U		0.000993	0.0100	10	04/10/2025 06:41	WG2486758
Styrene	U		0.00118	0.0100	10	04/10/2025 06:41	WG2486758
tert-Butyl alcohol	U		0.0406	0.0500	10	04/10/2025 06:41	WG2486758
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/10/2025 06:41	WG2486758
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/10/2025 06:41	WG2486758
Tetrachloroethene	U		0.00300	0.0100	10	04/10/2025 06:41	WG2486758
Toluene	U		0.00278	0.0100	10	04/10/2025 06:41	WG2486758
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/10/2025 06:41	WG2486758
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/10/2025 06:41	WG2486758
Trichloroethene	U		0.00190	0.0100	10	04/10/2025 06:41	WG2486758
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/10/2025 06:41	WG2486758
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/10/2025 06:41	WG2486758
Vinyl chloride	U		0.00234	0.0100	10	04/10/2025 06:41	WG2486758
o-Xylene	U		0.00174	0.0100	10	04/10/2025 06:41	WG2486758
m&p-Xylene	U		0.00430	0.0200	10	04/10/2025 06:41	WG2486758
Xylenes, Total	U		0.00174	0.0300	10	04/10/2025 06:41	WG2486758
(S) Toluene-d8	*110*			*80.0-120*		*04/10/2025 06:41*	WG2486758
(S) 4-Bromofluorobenzene	*99.2*			*77.0-126*		*04/10/2025 06:41*	WG2486758
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/10/2025 06:41*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.09		0.0605	0.100	1	04/08/2025 22:14	WG2484757
(S) o-Terphenyl	*85.8*			*52.0-156*		*04/08/2025 22:14*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	2120		50.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	246		2.74	5.00	5	04/03/2025 00:17	WG2481829
Fluoride	1.29		0.380	0.750	5	04/03/2025 00:17	WG2481829
Nitrate as (N)	5.35		0.442	0.500	5	04/03/2025 00:17	WG2481829
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 00:17	WG2481829
Sulfate	892		31.8	250	50	04/03/2025 04:48	WG2481829

Sample Narrative:

L1842529-77 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	1.21		0.0232	0.200	1	04/08/2025 19:46	WG2483122

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00283		0.000120	0.00200	1	04/09/2025 22:32	WG2484509
Barium	0.0171		0.000500	0.00200	1	04/09/2025 22:32	WG2484509
Calcium	378		0.925	10.0	10	04/09/2025 02:37	WG2484509
Chromium	U		0.000900	0.00200	1	04/09/2025 22:32	WG2484509
Iron	0.0898	J	0.0226	0.100	1	04/09/2025 22:32	WG2484509
Lead	0.000664	J	0.000500	0.00200	1	04/09/2025 22:32	WG2484509
Manganese	0.0909		0.000700	0.00500	1	04/09/2025 22:32	WG2484509
Potassium	1.59	J	0.0965	2.00	1	04/09/2025 22:32	WG2484509
Selenium	0.00407		0.000250	0.00200	1	04/09/2025 22:32	WG2484509
Sodium	89.6	B	1.42	20.0	10	04/09/2025 02:37	WG2484509
Uranium	0.0443		0.000130	0.00100	1	04/09/2025 22:32	WG2484509

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 04:51	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 04:51	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 04:51	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 04:51	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 04:51	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 04:51	WG2486758
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 04:51	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 04:51	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 04:51	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 04:51	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 04:51	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 04:51	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 04:51	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 04:51	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 04:51	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 04:51	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 04:51	WG2486758

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 04:51	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 04:51	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 04:51	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 04:51	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 04:51	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 04:51	WG2486758
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 04:51	WG2486758
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 04:51	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 04:51	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 04:51	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 04:51	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 04:51	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 04:51	WG2486758
Methyl tert-butyl ether	0.000211	J	0.000101	0.00100	1	04/10/2025 04:51	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 04:51	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 04:51	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 04:51	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 04:51	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 04:51	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 04:51	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 04:51	WG2486758
Toluene	U		0.000278	0.00100	1	04/10/2025 04:51	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 04:51	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 04:51	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 04:51	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 04:51	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 04:51	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 04:51	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 04:51	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 04:51	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 04:51	WG2486758
(S) Toluene-d8	*110*			*80.0-120*		*04/10/2025 04:51*	WG2486758
(S) 4-Bromofluorobenzene	*98.7*			*77.0-126*		*04/10/2025 04:51*	WG2486758
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/10/2025 04:51*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.42		0.0605	0.100	1	04/08/2025 22:35	WG2484757
(S) o-Terphenyl	*86.3*			*52.0-156*		*04/08/2025 22:35*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2660		50.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	210		2.74	5.00	5	04/03/2025 00:31	WG2481829
Fluoride	0.985		0.380	0.750	5	04/03/2025 00:31	WG2481829
Nitrate as (N)	U		0.442	0.500	5	04/03/2025 00:31	WG2481829
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 00:31	WG2481829
Sulfate	1320		31.8	250	50	04/03/2025 05:01	WG2481829

Sample Narrative:

L1842529-78 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00295		0.000120	0.00200	1	04/09/2025 22:36	WG2484509
Barium	0.0181		0.000500	0.00200	1	04/09/2025 22:36	WG2484509
Calcium	503		0.925	10.0	10	04/09/2025 02:40	WG2484509
Chromium	U		0.000900	0.00200	1	04/09/2025 22:36	WG2484509
Iron	0.0247	J	0.0226	0.100	1	04/09/2025 22:36	WG2484509
Lead	U		0.000500	0.00200	1	04/09/2025 22:36	WG2484509
Manganese	1.25		0.00700	0.0500	10	04/09/2025 02:40	WG2484509
Potassium	0.401	J	0.0965	2.00	1	04/09/2025 22:36	WG2484509
Selenium	0.000717	J	0.000250	0.00200	1	04/09/2025 22:36	WG2484509
Sodium	85.6	B	1.42	20.0	10	04/09/2025 02:40	WG2484509

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0113	0.0500	1	04/10/2025 05:13	WG2486758
Benzene	U		0.0000941	0.00100	1	04/10/2025 05:13	WG2486758
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 05:13	WG2486758
Bromoform	U		0.000129	0.00100	1	04/10/2025 05:13	WG2486758
Bromomethane	U	C3 J3	0.000605	0.00500	1	04/10/2025 05:13	WG2486758
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 05:13	WG2486758
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 05:13	WG2486758
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 05:13	WG2486758
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 05:13	WG2486758
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 05:13	WG2486758
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 05:13	WG2486758
Chloroethane	U		0.000192	0.00500	1	04/10/2025 05:13	WG2486758
Chloroform	U		0.000111	0.00500	1	04/10/2025 05:13	WG2486758
Chloromethane	U	C3	0.000960	0.00250	1	04/10/2025 05:13	WG2486758
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 05:13	WG2486758
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 05:13	WG2486758
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 05:13	WG2486758
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 05:13	WG2486758
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 05:13	WG2486758
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 05:13	WG2486758
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 05:13	WG2486758
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 05:13	WG2486758
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 05:13	WG2486758

MW-34A
Collected date/time: 04/01/25 11:05
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 05:13	WG2486758
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 05:13	WG2486758
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 05:13	WG2486758
2-Butanone (MEK)	U	J3	0.00119	0.0100	1	04/10/2025 05:13	WG2486758
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 05:13	WG2486758
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 05:13	WG2486758
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 05:13	WG2486758
Methyl tert-butyl ether	0.000103	J	0.000101	0.00100	1	04/10/2025 05:13	WG2486758
Naphthalene	U		0.00100	0.00500	1	04/10/2025 05:13	WG2486758
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 05:13	WG2486758
Styrene	U		0.000118	0.00100	1	04/10/2025 05:13	WG2486758
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 05:13	WG2486758
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 05:13	WG2486758
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 05:13	WG2486758
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 05:13	WG2486758
Toluene	U		0.000278	0.00100	1	04/10/2025 05:13	WG2486758
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 05:13	WG2486758
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 05:13	WG2486758
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 05:13	WG2486758
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 05:13	WG2486758
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 05:13	WG2486758
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 05:13	WG2486758
o-Xylene	U		0.000174	0.00100	1	04/10/2025 05:13	WG2486758
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 05:13	WG2486758
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 05:13	WG2486758
(S) Toluene-d8	*110*			*80.0-120*		*04/10/2025 05:13*	WG2486758
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/10/2025 05:13*	WG2486758
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/10/2025 05:13*	WG2486758

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	3.62		0.0605	0.100	1	04/08/2025 22:55	WG2484757
(S) o-Terphenyl	*87.9*			*52.0-156*		*04/08/2025 22:55*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2140		50.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	143		2.74	5.00	5	04/03/2025 00:44	WG2481829
Fluoride	0.745	J	0.380	0.750	5	04/03/2025 00:44	WG2481829
Nitrate as (N)	U		0.442	0.500	5	04/03/2025 00:44	WG2481829
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 00:44	WG2481829
Sulfate	1040		31.8	250	50	04/03/2025 05:15	WG2481829

Sample Narrative:

L1842529-79 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00206		0.000120	0.00200	1	04/09/2025 22:39	WG2484509
Barium	0.0168		0.000500	0.00200	1	04/09/2025 22:39	WG2484509
Calcium	417		0.925	10.0	10	04/09/2025 02:44	WG2484509
Chromium	U		0.000900	0.00200	1	04/09/2025 22:39	WG2484509
Iron	U		0.0226	0.100	1	04/09/2025 22:39	WG2484509
Lead	U		0.000500	0.00200	1	04/09/2025 22:39	WG2484509
Manganese	0.364		0.00700	0.0500	10	04/09/2025 02:44	WG2484509
Potassium	0.964	J	0.0965	2.00	1	04/09/2025 22:39	WG2484509
Selenium	0.000805	J	0.000250	0.00200	1	04/09/2025 22:39	WG2484509
Sodium	58.2	B	1.42	20.0	10	04/09/2025 02:44	WG2484509

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/08/2025 06:02	WG2485070
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/08/2025 06:02*	WG2485070

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 11:10	WG2487160
Benzene	U		0.0000941	0.00100	1	04/10/2025 11:10	WG2487160
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 11:10	WG2487160
Bromoform	U	C3	0.000129	0.00100	1	04/10/2025 11:10	WG2487160
Bromomethane	U		0.000605	0.00500	1	04/10/2025 11:10	WG2487160
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 11:10	WG2487160
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 11:10	WG2487160
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 11:10	WG2487160
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 11:10	WG2487160
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 11:10	WG2487160
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 11:10	WG2487160
Chloroethane	U		0.000192	0.00500	1	04/10/2025 11:10	WG2487160
Chloroform	U		0.000111	0.00500	1	04/10/2025 11:10	WG2487160
Chloromethane	U		0.000960	0.00250	1	04/10/2025 11:10	WG2487160
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 11:10	WG2487160
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 11:10	WG2487160

MW-34B
Collected date/time: 04/01/25 11:45
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 11:10	WG2487160
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 11:10	WG2487160
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 11:10	WG2487160
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 11:10	WG2487160
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 11:10	WG2487160
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 11:10	WG2487160
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 11:10	WG2487160
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 11:10	WG2487160
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 11:10	WG2487160
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 11:10	WG2487160
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 11:10	WG2487160
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 11:10	WG2487160
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 11:10	WG2487160
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 11:10	WG2487160
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 11:10	WG2487160
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 11:10	WG2487160
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 11:10	WG2487160
Styrene	U		0.000118	0.00100	1	04/10/2025 11:10	WG2487160
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 11:10	WG2487160
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 11:10	WG2487160
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 11:10	WG2487160
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 11:10	WG2487160
Toluene	U		0.000278	0.00100	1	04/10/2025 11:10	WG2487160
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 11:10	WG2487160
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 11:10	WG2487160
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 11:10	WG2487160
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 11:10	WG2487160
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 11:10	WG2487160
Vinyl chloride	U	J4	0.000234	0.00100	1	04/10/2025 11:10	WG2487160
o-Xylene	U		0.000174	0.00100	1	04/10/2025 11:10	WG2487160
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 11:10	WG2487160
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 11:10	WG2487160
(S) Toluene-d8	*95.0*			*80.0-120*		*04/10/2025 11:10*	WG2487160
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/10/2025 11:10*	WG2487160
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/10/2025 11:10*	WG2487160

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000567	0.0000206	1.03	04/05/2025 06:48	WG2483084

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.11		0.0605	0.100	1	04/08/2025 23:15	WG2484757
(S) o-Terphenyl	*86.8*			*52.0-156*		*04/08/2025 23:15*	WG2484757

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.000300	0.000400	1	04/05/2025 05:11	WG2482089
(S) Nitrobenzene-d5	*54.7*			*10.0-120*		*04/05/2025 05:11*	WG2482089

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3400		50.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	137		5.47	10.0	10	04/03/2025 00:58	WG2481829
Fluoride	0.942	J	0.761	1.50	10	04/03/2025 00:58	WG2481829
Nitrate as (N)	12.3		0.884	1.00	10	04/03/2025 00:58	WG2481829
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 00:58	WG2481829
Sulfate	1950		63.7	500	100	04/03/2025 05:28	WG2481829

Sample Narrative:

L1842529-80 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00147	J	0.000120	0.00200	1	04/09/2025 22:42	WG2484509
Barium	0.0139		0.000500	0.00200	1	04/09/2025 22:42	WG2484509
Calcium	512		0.925	10.0	10	04/09/2025 02:47	WG2484509
Chromium	U		0.000900	0.00200	1	04/09/2025 22:42	WG2484509
Iron	U		0.0226	0.100	1	04/09/2025 22:42	WG2484509
Lead	U		0.000500	0.00200	1	04/09/2025 22:42	WG2484509
Manganese	0.000799	J	0.000700	0.00500	1	04/09/2025 22:42	WG2484509
Potassium	0.752	J	0.0965	2.00	1	04/09/2025 22:42	WG2484509
Selenium	0.00989		0.000250	0.00200	1	04/09/2025 22:42	WG2484509
Sodium	163		1.42	20.0	10	04/09/2025 02:47	WG2484509

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 11:29	WG2487160
Benzene	U		0.0000941	0.00100	1	04/10/2025 11:29	WG2487160
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 11:29	WG2487160
Bromoform	U	C3	0.000129	0.00100	1	04/10/2025 11:29	WG2487160
Bromomethane	U		0.000605	0.00500	1	04/10/2025 11:29	WG2487160
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 11:29	WG2487160
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 11:29	WG2487160
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 11:29	WG2487160
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 11:29	WG2487160
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 11:29	WG2487160
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 11:29	WG2487160
Chloroethane	U		0.000192	0.00500	1	04/10/2025 11:29	WG2487160
Chloroform	U		0.000111	0.00500	1	04/10/2025 11:29	WG2487160
Chloromethane	U		0.000960	0.00250	1	04/10/2025 11:29	WG2487160
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 11:29	WG2487160
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 11:29	WG2487160
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 11:29	WG2487160
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 11:29	WG2487160
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 11:29	WG2487160
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 11:29	WG2487160
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 11:29	WG2487160
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 11:29	WG2487160
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 11:29	WG2487160

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 11:29	WG2487160
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 11:29	WG2487160
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 11:29	WG2487160
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 11:29	WG2487160
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 11:29	WG2487160
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 11:29	WG2487160
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 11:29	WG2487160
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 11:29	WG2487160
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 11:29	WG2487160
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 11:29	WG2487160
Styrene	U		0.000118	0.00100	1	04/10/2025 11:29	WG2487160
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 11:29	WG2487160
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 11:29	WG2487160
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 11:29	WG2487160
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 11:29	WG2487160
Toluene	U		0.000278	0.00100	1	04/10/2025 11:29	WG2487160
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 11:29	WG2487160
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 11:29	WG2487160
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 11:29	WG2487160
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 11:29	WG2487160
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 11:29	WG2487160
Vinyl chloride	U	J4	0.000234	0.00100	1	04/10/2025 11:29	WG2487160
o-Xylene	U		0.000174	0.00100	1	04/10/2025 11:29	WG2487160
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 11:29	WG2487160
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 11:29	WG2487160
(S) Toluene-d8	*93.0*			*80.0-120*		*04/10/2025 11:29*	WG2487160
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*		*04/10/2025 11:29*	WG2487160
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*04/10/2025 11:29*	WG2487160

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 12:16	WG2484757
(S) o-Terphenyl	*75.8*			*52.0-156*		*04/09/2025 12:16*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2000		25.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	114		2.74	5.00	5	04/03/2025 01:11	WG2481829
Fluoride	1.29		0.380	0.750	5	04/03/2025 01:11	WG2481829
Nitrate as (N)	U		0.442	0.500	5	04/03/2025 01:11	WG2481829
Nitrite as (N)	U		0.397	0.500	5	04/03/2025 01:11	WG2481829
Sulfate	1070		31.8	250	50	04/03/2025 06:08	WG2481829

Sample Narrative:

L1842529-81 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00143	J	0.000120	0.00200	1	04/09/2025 02:24	WG2484509
Barium	0.0173		0.000500	0.00200	1	04/09/2025 02:24	WG2484509
Calcium	302	V	0.0925	1.00	1	04/09/2025 02:24	WG2484509
Chromium	U		0.000900	0.00200	1	04/09/2025 02:24	WG2484509
Iron	U		0.0226	0.100	1	04/09/2025 02:24	WG2484509
Lead	U		0.000500	0.00200	1	04/09/2025 02:24	WG2484509
Manganese	0.235		0.000700	0.00500	1	04/09/2025 02:24	WG2484509
Potassium	1.63	J	0.0965	2.00	1	04/09/2025 02:24	WG2484509
Selenium	0.000398	J	0.000250	0.00200	1	04/09/2025 02:24	WG2484509
Sodium	74.7	V	0.142	2.00	1	04/09/2025 02:24	WG2484509

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 11:48	WG2487160
Benzene	U		0.0000941	0.00100	1	04/10/2025 11:48	WG2487160
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 11:48	WG2487160
Bromoform	U	C3	0.000129	0.00100	1	04/10/2025 11:48	WG2487160
Bromomethane	U		0.000605	0.00500	1	04/10/2025 11:48	WG2487160
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 11:48	WG2487160
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 11:48	WG2487160
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 11:48	WG2487160
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 11:48	WG2487160
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 11:48	WG2487160
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 11:48	WG2487160
Chloroethane	U		0.000192	0.00500	1	04/10/2025 11:48	WG2487160
Chloroform	U		0.000111	0.00500	1	04/10/2025 11:48	WG2487160
Chloromethane	U		0.000960	0.00250	1	04/10/2025 11:48	WG2487160
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 11:48	WG2487160
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 11:48	WG2487160
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 11:48	WG2487160
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 11:48	WG2487160
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 11:48	WG2487160
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 11:48	WG2487160
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 11:48	WG2487160
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 11:48	WG2487160
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 11:48	WG2487160

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 11:48	WG2487160
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 11:48	WG2487160
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 11:48	WG2487160
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 11:48	WG2487160
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 11:48	WG2487160
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 11:48	WG2487160
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 11:48	WG2487160
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 11:48	WG2487160
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 11:48	WG2487160
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 11:48	WG2487160
Styrene	U		0.000118	0.00100	1	04/10/2025 11:48	WG2487160
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 11:48	WG2487160
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 11:48	WG2487160
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 11:48	WG2487160
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 11:48	WG2487160
Toluene	U		0.000278	0.00100	1	04/10/2025 11:48	WG2487160
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 11:48	WG2487160
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 11:48	WG2487160
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 11:48	WG2487160
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 11:48	WG2487160
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 11:48	WG2487160
Vinyl chloride	U	J4	0.000234	0.00100	1	04/10/2025 11:48	WG2487160
o-Xylene	U		0.000174	0.00100	1	04/10/2025 11:48	WG2487160
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 11:48	WG2487160
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 11:48	WG2487160
(S) Toluene-d8	*94.9*			*80.0-120*		*04/10/2025 11:48*	WG2487160
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/10/2025 11:48*	WG2487160
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/10/2025 11:48*	WG2487160

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.171		0.0605	0.100	1	04/08/2025 23:55	WG2484757
(S) o-Terphenyl	*76.8*			*52.0-156*		*04/08/2025 23:55*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3370		50.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	137		5.47	10.0	10	04/03/2025 01:25	WG2481829
Fluoride	0.899	J	0.761	1.50	10	04/03/2025 01:25	WG2481829
Nitrate as (N)	12.3		0.884	1.00	10	04/03/2025 01:25	WG2481829
Nitrite as (N)	U		0.794	1.00	10	04/03/2025 01:25	WG2481829
Sulfate	1950		63.7	500	100	04/03/2025 06:22	WG2481829

Sample Narrative:

L1842529-82 WG2481829: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00150	J	0.000120	0.00200	1	04/09/2025 22:53	WG2484509
Barium	0.0130		0.000500	0.00200	1	04/09/2025 22:53	WG2484509
Calcium	521		0.925	10.0	10	04/09/2025 02:57	WG2484509
Chromium	U		0.000900	0.00200	1	04/09/2025 22:53	WG2484509
Iron	U		0.0226	0.100	1	04/09/2025 22:53	WG2484509
Lead	U		0.000500	0.00200	1	04/09/2025 22:53	WG2484509
Manganese	U		0.000700	0.00500	1	04/09/2025 22:53	WG2484509
Potassium	0.735	J	0.0965	2.00	1	04/09/2025 22:53	WG2484509
Selenium	0.00941		0.000250	0.00200	1	04/09/2025 22:53	WG2484509
Sodium	165		1.42	20.0	10	04/09/2025 02:57	WG2484509

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 12:07	WG2487160
Benzene	U		0.0000941	0.00100	1	04/10/2025 12:07	WG2487160
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 12:07	WG2487160
Bromoform	U	C3	0.000129	0.00100	1	04/10/2025 12:07	WG2487160
Bromomethane	U		0.000605	0.00500	1	04/10/2025 12:07	WG2487160
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 12:07	WG2487160
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 12:07	WG2487160
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 12:07	WG2487160
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 12:07	WG2487160
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 12:07	WG2487160
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 12:07	WG2487160
Chloroethane	U		0.000192	0.00500	1	04/10/2025 12:07	WG2487160
Chloroform	U		0.000111	0.00500	1	04/10/2025 12:07	WG2487160
Chloromethane	U		0.000960	0.00250	1	04/10/2025 12:07	WG2487160
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 12:07	WG2487160
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 12:07	WG2487160
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 12:07	WG2487160
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 12:07	WG2487160
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 12:07	WG2487160
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 12:07	WG2487160
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 12:07	WG2487160
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 12:07	WG2487160
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 12:07	WG2487160

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 12:07	WG2487160
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 12:07	WG2487160
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 12:07	WG2487160
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 12:07	WG2487160
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 12:07	WG2487160
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 12:07	WG2487160
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 12:07	WG2487160
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 12:07	WG2487160
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 12:07	WG2487160
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 12:07	WG2487160
Styrene	U		0.000118	0.00100	1	04/10/2025 12:07	WG2487160
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 12:07	WG2487160
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 12:07	WG2487160
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 12:07	WG2487160
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 12:07	WG2487160
Toluene	U		0.000278	0.00100	1	04/10/2025 12:07	WG2487160
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 12:07	WG2487160
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 12:07	WG2487160
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 12:07	WG2487160
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 12:07	WG2487160
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 12:07	WG2487160
Vinyl chloride	U	J4	0.000234	0.00100	1	04/10/2025 12:07	WG2487160
o-Xylene	U		0.000174	0.00100	1	04/10/2025 12:07	WG2487160
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 12:07	WG2487160
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 12:07	WG2487160
(S) Toluene-d8	*93.3*			*80.0-120*		*04/10/2025 12:07*	WG2487160
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*04/10/2025 12:07*	WG2487160
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/10/2025 12:07*	WG2487160

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 01:36	WG2484757
(S) o-Terphenyl	*74.2*			*52.0-156*		*04/09/2025 01:36*	WG2484757

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND	P1	10.0	1	04/03/2025 09:37	WG2482002

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	04/03/2025 01:38	WG2481829
Fluoride	U		0.0761	0.150	1	04/03/2025 01:38	WG2481829
Nitrate as (N)	U		0.0884	0.100	1	04/03/2025 01:38	WG2481829
Nitrite as (N)	U		0.0794	0.100	1	04/03/2025 01:38	WG2481829
Sulfate	U		0.637	5.00	1	04/03/2025 01:38	WG2481829

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	04/09/2025 22:56	WG2484509
Barium	0.00367		0.000500	0.00200	1	04/09/2025 22:56	WG2484509
Calcium	0.603	J	0.0925	1.00	1	04/09/2025 22:56	WG2484509
Chromium	U		0.000900	0.00200	1	04/09/2025 22:56	WG2484509
Iron	0.0617	J	0.0226	0.100	1	04/09/2025 22:56	WG2484509
Lead	0.000649	J	0.000500	0.00200	1	04/09/2025 22:56	WG2484509
Manganese	0.00207	J	0.000700	0.00500	1	04/09/2025 22:56	WG2484509
Potassium	U		0.0965	2.00	1	04/09/2025 22:56	WG2484509
Selenium	U		0.000250	0.00200	1	04/09/2025 22:56	WG2484509
Sodium	2.37	B	0.142	2.00	1	04/09/2025 22:56	WG2484509

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 10:51	WG2487160
Benzene	U		0.0000941	0.00100	1	04/10/2025 10:51	WG2487160
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 10:51	WG2487160
Bromoform	U	C3	0.000129	0.00100	1	04/10/2025 10:51	WG2487160
Bromomethane	U		0.000605	0.00500	1	04/10/2025 10:51	WG2487160
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 10:51	WG2487160
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 10:51	WG2487160
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 10:51	WG2487160
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 10:51	WG2487160
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 10:51	WG2487160
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 10:51	WG2487160
Chloroethane	U		0.000192	0.00500	1	04/10/2025 10:51	WG2487160
Chloroform	0.000173	J	0.000111	0.00500	1	04/10/2025 10:51	WG2487160
Chloromethane	U		0.000960	0.00250	1	04/10/2025 10:51	WG2487160
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 10:51	WG2487160
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 10:51	WG2487160
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 10:51	WG2487160
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 10:51	WG2487160
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 10:51	WG2487160
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 10:51	WG2487160
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 10:51	WG2487160
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 10:51	WG2487160
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 10:51	WG2487160
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 10:51	WG2487160
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 10:51	WG2487160
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 10:51	WG2487160

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 10:51	WG2487160
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 10:51	WG2487160
Methylene Chloride	0.00265	J	0.000430	0.00500	1	04/10/2025 10:51	WG2487160
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 10:51	WG2487160
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 10:51	WG2487160
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 10:51	WG2487160
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 10:51	WG2487160
Styrene	U		0.000118	0.00100	1	04/10/2025 10:51	WG2487160
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 10:51	WG2487160
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 10:51	WG2487160
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 10:51	WG2487160
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 10:51	WG2487160
Toluene	U		0.000278	0.00100	1	04/10/2025 10:51	WG2487160
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 10:51	WG2487160
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 10:51	WG2487160
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 10:51	WG2487160
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 10:51	WG2487160
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 10:51	WG2487160
Vinyl chloride	U	J4	0.000234	0.00100	1	04/10/2025 10:51	WG2487160
o-Xylene	U		0.000174	0.00100	1	04/10/2025 10:51	WG2487160
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 10:51	WG2487160
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 10:51	WG2487160
(S) Toluene-d8	*94.3*			*80.0-120*		*04/10/2025 10:51*	WG2487160
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*		*04/10/2025 10:51*	WG2487160
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/10/2025 10:51*	WG2487160

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 01:56	WG2484757
(S) o-Terphenyl	*76.3*			*52.0-156*		*04/09/2025 01:56*	WG2484757

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 09:53	WG2487160
Benzene	U		0.0000941	0.00100	1	04/10/2025 09:53	WG2487160
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 09:53	WG2487160
Bromoform	U	C3	0.000129	0.00100	1	04/10/2025 09:53	WG2487160
Bromomethane	U		0.000605	0.00500	1	04/10/2025 09:53	WG2487160
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 09:53	WG2487160
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 09:53	WG2487160
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 09:53	WG2487160
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 09:53	WG2487160
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 09:53	WG2487160
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 09:53	WG2487160
Chloroethane	U		0.000192	0.00500	1	04/10/2025 09:53	WG2487160
Chloroform	U		0.000111	0.00500	1	04/10/2025 09:53	WG2487160
Chloromethane	U		0.000960	0.00250	1	04/10/2025 09:53	WG2487160
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 09:53	WG2487160
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 09:53	WG2487160
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 09:53	WG2487160
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 09:53	WG2487160
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 09:53	WG2487160
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 09:53	WG2487160
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 09:53	WG2487160
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 09:53	WG2487160
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 09:53	WG2487160
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 09:53	WG2487160
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 09:53	WG2487160
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 09:53	WG2487160
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 09:53	WG2487160
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 09:53	WG2487160
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 09:53	WG2487160
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 09:53	WG2487160
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 09:53	WG2487160
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 09:53	WG2487160
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 09:53	WG2487160
Styrene	U		0.000118	0.00100	1	04/10/2025 09:53	WG2487160
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 09:53	WG2487160
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 09:53	WG2487160
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 09:53	WG2487160
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 09:53	WG2487160
Toluene	U		0.000278	0.00100	1	04/10/2025 09:53	WG2487160
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 09:53	WG2487160
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 09:53	WG2487160
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 09:53	WG2487160
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 09:53	WG2487160
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 09:53	WG2487160
Vinyl chloride	U	J4	0.000234	0.00100	1	04/10/2025 09:53	WG2487160
o-Xylene	U		0.000174	0.00100	1	04/10/2025 09:53	WG2487160
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 09:53	WG2487160
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 09:53	WG2487160
(S) Toluene-d8	*94.8*			*80.0-120*		*04/10/2025 09:53*	WG2487160
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*		*04/10/2025 09:53*	WG2487160
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/10/2025 09:53*	WG2487160

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	8820		200	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1360		27.4	50.0	50	04/05/2025 02:43	WG2483252
Fluoride	U		3.80	7.50	50	04/05/2025 02:43	WG2483252
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 02:43	WG2483252
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 02:43	WG2483252
Sulfate	4570		31.8	250	50	04/05/2025 02:43	WG2483252

Sample Narrative:

L1842529-85 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0969		0.000600	0.0100	5	04/10/2025 19:04	WG2484524
Barium	0.0117		0.00250	0.0100	5	04/10/2025 19:04	WG2484524
Calcium	545		0.462	5.00	5	04/10/2025 19:04	WG2484524
Chromium	U		0.00450	0.0100	5	04/10/2025 19:04	WG2484524
Iron	2.36		0.113	0.500	5	04/10/2025 19:04	WG2484524
Lead	U		0.00250	0.0100	5	04/10/2025 19:04	WG2484524
Manganese	1.94		0.00350	0.0250	5	04/10/2025 19:04	WG2484524
Potassium	7.05	J	0.482	10.0	5	04/10/2025 19:04	WG2484524
Selenium	0.00599	J	0.00125	0.0100	5	04/10/2025 19:04	WG2484524
Sodium	1470		0.710	10.0	5	04/10/2025 19:04	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.397		0.0314	0.100	1	04/10/2025 04:08	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*102*			*78.0-120*		*04/10/2025 04:08*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.113	0.500	10	04/11/2025 12:08	WG2487710
Benzene	U		0.000941	0.0100	10	04/11/2025 12:08	WG2487710
Bromodichloromethane	U		0.00136	0.0100	10	04/11/2025 12:08	WG2487710
Bromoform	U		0.00129	0.0100	10	04/11/2025 12:08	WG2487710
Bromomethane	U		0.00605	0.0500	10	04/11/2025 12:08	WG2487710
n-Butylbenzene	U		0.00157	0.0100	10	04/11/2025 12:08	WG2487710
sec-Butylbenzene	U		0.00125	0.0100	10	04/11/2025 12:08	WG2487710
Carbon disulfide	U		0.000962	0.0100	10	04/11/2025 12:08	WG2487710
Carbon tetrachloride	U		0.00128	0.0100	10	04/11/2025 12:08	WG2487710
Chlorobenzene	U		0.00116	0.0100	10	04/11/2025 12:08	WG2487710
Chlorodibromomethane	U		0.00140	0.0100	10	04/11/2025 12:08	WG2487710
Chloroethane	U	J4	0.00192	0.0500	10	04/11/2025 12:08	WG2487710
Chloroform	U		0.00111	0.0500	10	04/11/2025 12:08	WG2487710
Chloromethane	U		0.00960	0.0250	10	04/11/2025 12:08	WG2487710
1,2-Dibromoethane	U		0.00126	0.0100	10	04/11/2025 12:08	WG2487710
1,1-Dichloroethane	U		0.00100	0.0100	10	04/11/2025 12:08	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000819	0.0100	10	04/11/2025 12:08	WG2487710
1,1-Dichloroethene	U		0.00188	0.0100	10	04/11/2025 12:08	WG2487710
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/11/2025 12:08	WG2487710
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/11/2025 12:08	WG2487710
1,2-Dichloropropane	U		0.00149	0.0100	10	04/11/2025 12:08	WG2487710
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/11/2025 12:08	WG2487710
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/11/2025 12:08	WG2487710
Ethylbenzene	U		0.00137	0.0100	10	04/11/2025 12:08	WG2487710
Isopropylbenzene	U		0.00105	0.0100	10	04/11/2025 12:08	WG2487710
p-Isopropyltoluene	U		0.00120	0.0100	10	04/11/2025 12:08	WG2487710
2-Butanone (MEK)	U		0.0119	0.100	10	04/11/2025 12:08	WG2487710
2-Hexanone	U		0.00787	0.100	10	04/11/2025 12:08	WG2487710
Methylene Chloride	U		0.00430	0.0500	10	04/11/2025 12:08	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/11/2025 12:08	WG2487710
Methyl tert-butyl ether	U		0.00101	0.0100	10	04/11/2025 12:08	WG2487710
Naphthalene	U		0.0100	0.0500	10	04/11/2025 12:08	WG2487710
n-Propylbenzene	U		0.000993	0.0100	10	04/11/2025 12:08	WG2487710
Styrene	U		0.00118	0.0100	10	04/11/2025 12:08	WG2487710
tert-Butyl alcohol	U	J3	0.0406	0.0500	10	04/11/2025 12:08	WG2487710
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/11/2025 12:08	WG2487710
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/11/2025 12:08	WG2487710
Tetrachloroethene	U		0.00300	0.0100	10	04/11/2025 12:08	WG2487710
Toluene	U		0.00278	0.0100	10	04/11/2025 12:08	WG2487710
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/11/2025 12:08	WG2487710
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/11/2025 12:08	WG2487710
Trichloroethene	U		0.00190	0.0100	10	04/11/2025 12:08	WG2487710
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/11/2025 12:08	WG2487710
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/11/2025 12:08	WG2487710
Vinyl chloride	U	J4	0.00234	0.0100	10	04/11/2025 12:08	WG2487710
o-Xylene	U		0.00174	0.0100	10	04/11/2025 12:08	WG2487710
m&p-Xylene	U		0.00430	0.0200	10	04/11/2025 12:08	WG2487710
Xylenes, Total	U		0.00174	0.0300	10	04/11/2025 12:08	WG2487710
(S) Toluene-d8	*110*			*80.0-120*		*04/11/2025 12:08*	WG2487710
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*04/11/2025 12:08*	WG2487710
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/11/2025 12:08*	WG2487710

Sample Narrative:

L1842529-85 WG2487710: Lowest possible dilution due to sample foaming.

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	75.1		0.605	1.00	10	04/10/2025 06:08	WG2485491
(S) o-Terphenyl	*109*			*52.0-156*		*04/10/2025 06:08*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5890		100	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1450		27.4	50.0	50	04/05/2025 02:56	WG2483252
Fluoride	11.4		3.80	7.50	50	04/05/2025 02:56	WG2483252
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 02:56	WG2483252
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 02:56	WG2483252
Sulfate	2260		31.8	250	50	04/05/2025 02:56	WG2483252

Sample Narrative:

L1842529-86 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0170		0.000600	0.0100	5	04/10/2025 19:07	WG2484524
Barium	0.0277		0.00250	0.0100	5	04/10/2025 19:07	WG2484524
Calcium	535		0.462	5.00	5	04/10/2025 19:07	WG2484524
Chromium	U		0.00450	0.0100	5	04/10/2025 19:07	WG2484524
Iron	U		0.113	0.500	5	04/10/2025 19:07	WG2484524
Lead	U		0.00250	0.0100	5	04/10/2025 19:07	WG2484524
Manganese	2.13		0.00350	0.0250	5	04/10/2025 19:07	WG2484524
Potassium	8.29	J	0.482	10.0	5	04/10/2025 19:07	WG2484524
Selenium	0.00163	J	0.00125	0.0100	5	04/10/2025 19:07	WG2484524
Sodium	1210		0.710	10.0	5	04/10/2025 19:07	WG2484524

Sample Narrative:

L1842529-86 WG2484524: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.103		0.0314	0.100	1	04/10/2025 04:30	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/10/2025 04:30*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 08:14	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 08:14	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 08:14	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 08:14	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 08:14	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 08:14	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 08:14	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 08:14	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 08:14	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 08:14	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 08:14	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 08:14	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 08:14	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/11/2025 08:14	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 08:14	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 08:14	WG2487710
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 08:14	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 08:14	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 08:14	WG2487710
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 08:14	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 08:14	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 08:14	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 08:14	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 08:14	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 08:14	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 08:14	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 08:14	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 08:14	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 08:14	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 08:14	WG2487710
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 08:14	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 08:14	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 08:14	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 08:14	WG2487710
tert-Butyl alcohol	U	J3	0.00406	0.00500	1	04/11/2025 08:14	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 08:14	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 08:14	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 08:14	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 08:14	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 08:14	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 08:14	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 08:14	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 08:14	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 08:14	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 08:14	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 08:14	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 08:14	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 08:14	WG2487710
(S) Toluene-d8	*110*			*80.0-120*		*04/11/2025 08:14*	WG2487710
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*04/11/2025 08:14*	WG2487710
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/11/2025 08:14*	WG2487710

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	5.18		0.0605	0.100	1	04/10/2025 02:47	WG2485491
(S) o-Terphenyl	*103*			*52.0-156*		*04/10/2025 02:47*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	8140		200	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1950		27.4	50.0	50	04/05/2025 03:10	WG2483252
Fluoride	6.32	J	3.80	7.50	50	04/05/2025 03:10	WG2483252
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 03:10	WG2483252
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 03:10	WG2483252
Sulfate	3500		31.8	250	50	04/05/2025 03:10	WG2483252

Sample Narrative:

L1842529-87 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0810		0.000120	0.00200	1	04/10/2025 17:57	WG2484524
Barium	0.0210		0.000500	0.00200	1	04/10/2025 17:57	WG2484524
Calcium	579		0.0925	1.00	1	04/10/2025 17:57	WG2484524
Chromium	U		0.000900	0.00200	1	04/10/2025 17:57	WG2484524
Iron	0.867		0.0226	0.100	1	04/10/2025 17:57	WG2484524
Lead	U		0.000500	0.00200	1	04/10/2025 17:57	WG2484524
Manganese	1.76		0.000700	0.00500	1	04/10/2025 17:57	WG2484524
Potassium	27.5		0.0965	2.00	1	04/10/2025 17:57	WG2484524
Selenium	0.00854		0.000250	0.00200	1	04/10/2025 17:57	WG2484524
Sodium	2000		1.42	20.0	10	04/10/2025 19:10	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.07		0.0314	0.100	1	04/10/2025 06:38	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*87.9*			*78.0-120*		*04/10/2025 06:38*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 08:38	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 08:38	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 08:38	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 08:38	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 08:38	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 08:38	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 08:38	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 08:38	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 08:38	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 08:38	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 08:38	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 08:38	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 08:38	WG2487710
Chloromethane	U		0.000960	0.00250	1	04/11/2025 08:38	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 08:38	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 08:38	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 08:38	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 08:38	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 08:38	WG2487710
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 08:38	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 08:38	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 08:38	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 08:38	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 08:38	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 08:38	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 08:38	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 08:38	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 08:38	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 08:38	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 08:38	WG2487710
Methyl tert-butyl ether	0.000809	J	0.000101	0.00100	1	04/11/2025 08:38	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 08:38	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 08:38	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 08:38	WG2487710
tert-Butyl alcohol	0.0206	C5 J3	0.00406	0.00500	1	04/11/2025 08:38	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 08:38	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 08:38	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 08:38	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 08:38	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 08:38	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 08:38	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 08:38	WG2487710
1,2,4-Trimethylbenzene	0.000703	J	0.000322	0.00100	1	04/11/2025 08:38	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 08:38	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 08:38	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 08:38	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 08:38	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 08:38	WG2487710
(S) Toluene-d8	*106*			*80.0-120*		*04/11/2025 08:38*	WG2487710
(S) 4-Bromofluorobenzene	*133*	J1		*77.0-126*		*04/11/2025 08:38*	WG2487710
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/11/2025 08:38*	WG2487710

Sample Narrative:

L1842529-87 WG2487710: Surrogate failure due to matrix interference.

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	11.1		0.121	0.200	2	04/10/2025 12:08	WG2485491
(S) o-Terphenyl	*98.4*			*52.0-156*		*04/10/2025 12:08*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	9780		200	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2690		27.4	50.0	50	04/05/2025 03:23	WG2483252
Fluoride	U		3.80	7.50	50	04/05/2025 03:23	WG2483252
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 03:23	WG2483252
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 03:23	WG2483252
Sulfate	3710		31.8	250	50	04/05/2025 03:23	WG2483252

Sample Narrative:

L1842529-88 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0329		0.000120	0.00200	1	04/10/2025 18:00	WG2484524
Barium	0.00912		0.000500	0.00200	1	04/10/2025 18:00	WG2484524
Calcium	607		0.0925	1.00	1	04/10/2025 18:00	WG2484524
Chromium	U		0.000900	0.00200	1	04/10/2025 18:00	WG2484524
Iron	2.98		0.0226	0.100	1	04/10/2025 18:00	WG2484524
Lead	U		0.000500	0.00200	1	04/10/2025 18:00	WG2484524
Manganese	0.221		0.000700	0.00500	1	04/10/2025 18:00	WG2484524
Potassium	3.05		0.0965	2.00	1	04/10/2025 18:00	WG2484524
Selenium	0.00114	J	0.000250	0.00200	1	04/10/2025 18:00	WG2484524
Sodium	2470		1.42	20.0	10	04/10/2025 19:14	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.314	1.00	10	04/11/2025 02:56	WG2487655
(S) a,a,a-Trifluorotoluene(FID)	*99.6*			*78.0-120*		*04/11/2025 02:56*	WG2487655

Sample Narrative:

L1842529-88 WG2487655: Dilution due to foam.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 09:01	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 09:01	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 09:01	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 09:01	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 09:01	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 09:01	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 09:01	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 09:01	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 09:01	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 09:01	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 09:01	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 09:01	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 09:01	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/11/2025 09:01	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 09:01	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 09:01	WG2487710
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 09:01	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 09:01	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 09:01	WG2487710
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 09:01	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 09:01	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 09:01	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 09:01	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 09:01	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 09:01	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 09:01	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 09:01	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 09:01	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 09:01	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 09:01	WG2487710
Methyl tert-butyl ether	0.000456	J	0.000101	0.00100	1	04/11/2025 09:01	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 09:01	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 09:01	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 09:01	WG2487710
tert-Butyl alcohol	0.00449	J J3	0.00406	0.00500	1	04/11/2025 09:01	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 09:01	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 09:01	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 09:01	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 09:01	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 09:01	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 09:01	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 09:01	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 09:01	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 09:01	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 09:01	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 09:01	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 09:01	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 09:01	WG2487710
(S) Toluene-d8	*110*			*80.0-120*		*04/11/2025 09:01*	WG2487710
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*04/11/2025 09:01*	WG2487710
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/11/2025 09:01*	WG2487710

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.11		0.0605	0.100	1	04/10/2025 03:27	WG2485491
(S) o-Terphenyl	*104*			*52.0-156*		*04/10/2025 03:27*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	11100		200	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	4290		27.4	50.0	50	04/05/2025 03:37	WG2483252
Fluoride	U		3.80	7.50	50	04/05/2025 03:37	WG2483252
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 03:37	WG2483252
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 03:37	WG2483252
Sulfate	3000		31.8	250	50	04/05/2025 03:37	WG2483252

Sample Narrative:

L1842529-89 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00514		0.000120	0.00200	1	04/10/2025 18:03	WG2484524
Barium	0.0211		0.000500	0.00200	1	04/10/2025 18:03	WG2484524
Calcium	876		0.925	10.0	10	04/10/2025 19:17	WG2484524
Chromium	U		0.000900	0.00200	1	04/10/2025 18:03	WG2484524
Iron	0.263		0.0226	0.100	1	04/10/2025 18:03	WG2484524
Lead	U		0.000500	0.00200	1	04/10/2025 18:03	WG2484524
Manganese	1.58		0.000700	0.00500	1	04/10/2025 18:03	WG2484524
Potassium	14.5		0.0965	2.00	1	04/10/2025 18:03	WG2484524
Selenium	0.000690	J	0.000250	0.00200	1	04/10/2025 18:03	WG2484524
Sodium	2660		1.42	20.0	10	04/10/2025 19:17	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.158		0.0314	0.100	1	04/10/2025 06:59	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*04/10/2025 06:59*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 09:25	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 09:25	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 09:25	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 09:25	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 09:25	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 09:25	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 09:25	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 09:25	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 09:25	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 09:25	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 09:25	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 09:25	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 09:25	WG2487710
Chloromethane	U		0.000960	0.00250	1	04/11/2025 09:25	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 09:25	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 09:25	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 09:25	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 09:25	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 09:25	WG2487710
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 09:25	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 09:25	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 09:25	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 09:25	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 09:25	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 09:25	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 09:25	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 09:25	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 09:25	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 09:25	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 09:25	WG2487710
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 09:25	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 09:25	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 09:25	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 09:25	WG2487710
tert-Butyl alcohol	U	J3	0.00406	0.00500	1	04/11/2025 09:25	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 09:25	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 09:25	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 09:25	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 09:25	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 09:25	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 09:25	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 09:25	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 09:25	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 09:25	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 09:25	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 09:25	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 09:25	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 09:25	WG2487710
(S) Toluene-d8	*108*			*80.0-120*		*04/11/2025 09:25*	WG2487710
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*04/11/2025 09:25*	WG2487710
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/11/2025 09:25*	WG2487710

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.570		0.0605	0.100	1	04/10/2025 03:47	WG2485491
(S) o-Terphenyl	*94.2*			*52.0-156*		*04/10/2025 03:47*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	10300		200	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2730		27.4	50.0	50	04/05/2025 03:50	WG2483252
Fluoride	4.10	J	3.80	7.50	50	04/05/2025 03:50	WG2483252
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 03:50	WG2483252
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 03:50	WG2483252
Sulfate	3900		31.8	250	50	04/05/2025 03:50	WG2483252

Sample Narrative:

L1842529-90 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0377		0.000120	0.00200	1	04/10/2025 18:07	WG2484524
Barium	0.0121		0.000500	0.00200	1	04/10/2025 18:07	WG2484524
Calcium	661		0.0925	1.00	1	04/10/2025 18:07	WG2484524
Chromium	U		0.000900	0.00200	1	04/10/2025 18:07	WG2484524
Iron	1.21		0.0226	0.100	1	04/10/2025 18:07	WG2484524
Lead	U		0.000500	0.00200	1	04/10/2025 18:07	WG2484524
Manganese	1.58		0.000700	0.00500	1	04/10/2025 18:07	WG2484524
Potassium	5.91		0.0965	2.00	1	04/10/2025 18:07	WG2484524
Selenium	0.00144	J	0.000250	0.00200	1	04/10/2025 18:07	WG2484524
Sodium	2560		1.42	20.0	10	04/10/2025 19:20	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.351		0.0314	0.100	1	04/10/2025 07:20	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*04/10/2025 07:20*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 09:48	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 09:48	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 09:48	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 09:48	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 09:48	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 09:48	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 09:48	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 09:48	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 09:48	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 09:48	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 09:48	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 09:48	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 09:48	WG2487710
Chloromethane	U		0.000960	0.00250	1	04/11/2025 09:48	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 09:48	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 09:48	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 09:48	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 09:48	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 09:48	WG2487710
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 09:48	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 09:48	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 09:48	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 09:48	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 09:48	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 09:48	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 09:48	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 09:48	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 09:48	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 09:48	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 09:48	WG2487710
Methyl tert-butyl ether	0.00137		0.000101	0.00100	1	04/11/2025 09:48	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 09:48	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 09:48	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 09:48	WG2487710
tert-Butyl alcohol	0.00562	C5 J3	0.00406	0.00500	1	04/11/2025 09:48	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 09:48	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 09:48	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 09:48	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 09:48	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 09:48	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 09:48	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 09:48	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 09:48	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 09:48	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 09:48	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 09:48	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 09:48	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 09:48	WG2487710
(S) Toluene-d8	*109*			*80.0-120*		*04/11/2025 09:48*	WG2487710
(S) 4-Bromofluorobenzene	*124*			*77.0-126*		*04/11/2025 09:48*	WG2487710
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/11/2025 09:48*	WG2487710

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.99		0.0605	0.100	1	04/10/2025 04:07	WG2485491
(S) o-Terphenyl	*105*			*52.0-156*		*04/10/2025 04:07*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4940		100	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	921		54.7	100	100	04/05/2025 10:22	WG2483252
Fluoride	1.13	J	0.761	1.50	10	04/05/2025 04:31	WG2483252
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 04:31	WG2483252
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 04:31	WG2483252
Sulfate	2190		63.7	500	100	04/05/2025 10:22	WG2483252

Sample Narrative:

L1842529-91 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00321		0.000120	0.00200	1	04/10/2025 18:10	WG2484524
Barium	0.0156		0.000500	0.00200	1	04/10/2025 18:10	WG2484524
Calcium	608		0.0925	1.00	1	04/10/2025 18:10	WG2484524
Chromium	U		0.000900	0.00200	1	04/10/2025 18:10	WG2484524
Iron	4.07		0.0226	0.100	1	04/10/2025 18:10	WG2484524
Lead	U		0.000500	0.00200	1	04/10/2025 18:10	WG2484524
Manganese	0.681		0.000700	0.00500	1	04/10/2025 18:10	WG2484524
Potassium	11.9		0.0965	2.00	1	04/10/2025 18:10	WG2484524
Selenium	U		0.000250	0.00200	1	04/10/2025 18:10	WG2484524
Sodium	793		0.710	10.0	5	04/10/2025 19:24	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0565	J	0.0314	0.100	1	04/10/2025 07:42	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*04/10/2025 07:42*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 10:12	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 10:12	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 10:12	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 10:12	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 10:12	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 10:12	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 10:12	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 10:12	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 10:12	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 10:12	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 10:12	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 10:12	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 10:12	WG2487710
Chloromethane	U		0.000960	0.00250	1	04/11/2025 10:12	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 10:12	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 10:12	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 10:12	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 10:12	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 10:12	WG2487710
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 10:12	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 10:12	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 10:12	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 10:12	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 10:12	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 10:12	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 10:12	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 10:12	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 10:12	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 10:12	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 10:12	WG2487710
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 10:12	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 10:12	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 10:12	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 10:12	WG2487710
tert-Butyl alcohol	0.00932	C5 J3	0.00406	0.00500	1	04/11/2025 10:12	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 10:12	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 10:12	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 10:12	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 10:12	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 10:12	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 10:12	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 10:12	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 10:12	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 10:12	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 10:12	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 10:12	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 10:12	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 10:12	WG2487710
(S) Toluene-d8	*109*			*80.0-120*		*04/11/2025 10:12*	WG2487710
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*04/11/2025 10:12*	WG2487710
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/11/2025 10:12*	WG2487710

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.205		0.0605	0.100	1	04/10/2025 04:27	WG2485491
(S) o-Terphenyl	*95.8*			*52.0-156*		*04/10/2025 04:27*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	1980		50.0	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	140		2.74	5.00	5	04/05/2025 04:44	WG2483252
Fluoride	0.850		0.380	0.750	5	04/05/2025 04:44	WG2483252
Nitrate as (N)	U	T8	0.442	0.500	5	04/05/2025 04:44	WG2483252
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 04:44	WG2483252
Sulfate	634		31.8	250	50	04/05/2025 10:35	WG2483252

Sample Narrative:

L1842529-92 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00349		0.000120	0.00200	1	04/10/2025 18:13	WG2484524
Barium	0.0177		0.000500	0.00200	1	04/10/2025 18:13	WG2484524
Calcium	204		0.0925	1.00	1	04/10/2025 18:13	WG2484524
Chromium	0.000942	J	0.000900	0.00200	1	04/10/2025 18:13	WG2484524
Iron	0.167		0.0226	0.100	1	04/10/2025 18:13	WG2484524
Lead	0.00111	B J	0.000500	0.00200	1	04/10/2025 18:13	WG2484524
Manganese	0.0929		0.000700	0.00500	1	04/10/2025 18:13	WG2484524
Potassium	0.772	J	0.0965	2.00	1	04/10/2025 18:13	WG2484524
Selenium	0.00166	J	0.000250	0.00200	1	04/10/2025 18:13	WG2484524
Sodium	267		0.142	2.00	1	04/10/2025 18:13	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/10/2025 08:03	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*102*			*78.0-120*		*04/10/2025 08:03*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 10:35	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 10:35	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 10:35	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 10:35	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 10:35	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 10:35	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 10:35	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 10:35	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 10:35	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 10:35	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 10:35	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 10:35	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 10:35	WG2487710
Chloromethane	U		0.000960	0.00250	1	04/11/2025 10:35	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 10:35	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 10:35	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 10:35	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 10:35	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 10:35	WG2487710
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 10:35	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 10:35	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 10:35	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 10:35	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 10:35	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 10:35	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 10:35	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 10:35	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 10:35	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 10:35	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 10:35	WG2487710
Methyl tert-butyl ether	0.00175		0.000101	0.00100	1	04/11/2025 10:35	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 10:35	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 10:35	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 10:35	WG2487710
tert-Butyl alcohol	U	J3	0.00406	0.00500	1	04/11/2025 10:35	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 10:35	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 10:35	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 10:35	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 10:35	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 10:35	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 10:35	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 10:35	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 10:35	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 10:35	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 10:35	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 10:35	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 10:35	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 10:35	WG2487710
(S) Toluene-d8	*109*			*80.0-120*		*04/11/2025 10:35*	WG2487710
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/11/2025 10:35*	WG2487710
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/11/2025 10:35*	WG2487710

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.726		0.0605	0.100	1	04/10/2025 04:47	WG2485491
(S) o-Terphenyl	*95.8*			*52.0-156*		*04/10/2025 04:47*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	04/05/2025 04:58	WG2483252
Fluoride	0.0843	J	0.0761	0.150	1	04/05/2025 04:58	WG2483252
Nitrate as (N)	U	T8	0.0884	0.100	1	04/05/2025 04:58	WG2483252
Nitrite as (N)	U	T8	0.0794	0.100	1	04/05/2025 04:58	WG2483252
Sulfate	U		0.637	5.00	1	04/05/2025 04:58	WG2483252

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	04/10/2025 17:23	WG2484524
Barium	U		0.000500	0.00200	1	04/10/2025 17:23	WG2484524
Calcium	U		0.0925	1.00	1	04/10/2025 17:23	WG2484524
Chromium	U		0.000900	0.00200	1	04/10/2025 17:23	WG2484524
Iron	U		0.0226	0.100	1	04/10/2025 17:23	WG2484524
Lead	U		0.000500	0.00200	1	04/10/2025 17:23	WG2484524
Manganese	U		0.000700	0.00500	1	04/10/2025 17:23	WG2484524
Potassium	U		0.0965	2.00	1	04/10/2025 17:23	WG2484524
Selenium	U		0.000250	0.00200	1	04/10/2025 17:23	WG2484524
Sodium	0.391	J	0.142	2.00	1	04/10/2025 17:23	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 23:53	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 23:53*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 07:27	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 07:27	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 07:27	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 07:27	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 07:27	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 07:27	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 07:27	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 07:27	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 07:27	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 07:27	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 07:27	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 07:27	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 07:27	WG2487710
Chloromethane	U		0.000960	0.00250	1	04/11/2025 07:27	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 07:27	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 07:27	WG2487710
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 07:27	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 07:27	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 07:27	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 07:27	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 07:27	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 07:27	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 07:27	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 07:27	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 07:27	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 07:27	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 07:27	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 07:27	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 07:27	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 07:27	WG2487710
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 07:27	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 07:27	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 07:27	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 07:27	WG2487710
tert-Butyl alcohol	U	J3	0.00406	0.00500	1	04/11/2025 07:27	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 07:27	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 07:27	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 07:27	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 07:27	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 07:27	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 07:27	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 07:27	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 07:27	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 07:27	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 07:27	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 07:27	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 07:27	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 07:27	WG2487710
(S) Toluene-d8	*110*			*80.0-120*		*04/11/2025 07:27*	WG2487710
(S) 4-Bromofluorobenzene	*99.1*			*77.0-126*		*04/11/2025 07:27*	WG2487710
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/11/2025 07:27*	WG2487710

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/10/2025 05:08	WG2485491
(S) o-Terphenyl	*87.4*			*52.0-156*		*04/10/2025 05:08*	WG2485491

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 06:41	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 06:41	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 06:41	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 06:41	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 06:41	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 06:41	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 06:41	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 06:41	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 06:41	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 06:41	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 06:41	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 06:41	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 06:41	WG2487710
Chloromethane	U		0.000960	0.00250	1	04/11/2025 06:41	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 06:41	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 06:41	WG2487710
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 06:41	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 06:41	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 06:41	WG2487710
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 06:41	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 06:41	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 06:41	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 06:41	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 06:41	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 06:41	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 06:41	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 06:41	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 06:41	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 06:41	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 06:41	WG2487710
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 06:41	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 06:41	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 06:41	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 06:41	WG2487710
tert-Butyl alcohol	U	J3	0.00406	0.00500	1	04/11/2025 06:41	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 06:41	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 06:41	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 06:41	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 06:41	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 06:41	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 06:41	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 06:41	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 06:41	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 06:41	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 06:41	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 06:41	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 06:41	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 06:41	WG2487710
(S) Toluene-d8	*110*			*80.0-120*		*04/11/2025 06:41*	WG2487710
(S) 4-Bromofluorobenzene	*97.3*			*77.0-126*		*04/11/2025 06:41*	WG2487710
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/11/2025 06:41*	WG2487710

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5010		100	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1140		27.4	50.0	50	04/05/2025 05:52	WG2483252
Fluoride	4.89	J	3.80	7.50	50	04/05/2025 05:52	WG2483252
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 05:52	WG2483252
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 05:52	WG2483252
Sulfate	2060		31.8	250	50	04/05/2025 05:52	WG2483252

Sample Narrative:

L1842529-95 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0397		0.000120	0.00200	1	04/10/2025 18:17	WG2484524
Barium	0.0144		0.000500	0.00200	1	04/10/2025 18:17	WG2484524
Calcium	486		0.0925	1.00	1	04/10/2025 18:17	WG2484524
Chromium	0.000932	J	0.000900	0.00200	1	04/10/2025 18:17	WG2484524
Iron	5.82		0.113	0.500	5	04/10/2025 19:30	WG2484524
Lead	U		0.000500	0.00200	1	04/10/2025 18:17	WG2484524
Manganese	1.22		0.000700	0.00500	1	04/10/2025 18:17	WG2484524
Potassium	24.1		0.0965	2.00	1	04/10/2025 18:17	WG2484524
Selenium	0.00134	J	0.000250	0.00200	1	04/10/2025 18:17	WG2484524
Sodium	890		0.710	10.0	5	04/10/2025 19:30	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.321		0.0314	0.100	1	04/10/2025 08:24	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/10/2025 08:24*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 10:58	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 10:58	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 10:58	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 10:58	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 10:58	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 10:58	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 10:58	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 10:58	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 10:58	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 10:58	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 10:58	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 10:58	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 10:58	WG2487710
Chloromethane	U		0.000960	0.00250	1	04/11/2025 10:58	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 10:58	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 10:58	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 10:58	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 10:58	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 10:58	WG2487710
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 10:58	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 10:58	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 10:58	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 10:58	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 10:58	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 10:58	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 10:58	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 10:58	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 10:58	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 10:58	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 10:58	WG2487710
Methyl tert-butyl ether	0.00320		0.000101	0.00100	1	04/11/2025 10:58	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 10:58	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 10:58	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 10:58	WG2487710
tert-Butyl alcohol	0.0247	C5 J3	0.00406	0.00500	1	04/11/2025 10:58	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 10:58	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 10:58	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 10:58	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 10:58	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 10:58	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 10:58	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 10:58	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 10:58	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 10:58	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 10:58	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 10:58	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 10:58	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 10:58	WG2487710
(S) Toluene-d8	*108*			*80.0-120*		*04/11/2025 10:58*	WG2487710
(S) 4-Bromofluorobenzene	*119*			*77.0-126*		*04/11/2025 10:58*	WG2487710
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/11/2025 10:58*	WG2487710

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	7.88		0.605	1.00	10	04/10/2025 05:28	WG2485491
(S) o-Terphenyl	*113*			*52.0-156*		*04/10/2025 05:28*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6340		100	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	883		27.4	50.0	50	04/05/2025 06:05	WG2483252
Fluoride	7.21	J	3.80	7.50	50	04/05/2025 06:05	WG2483252
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 06:05	WG2483252
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 06:05	WG2483252
Sulfate	3290		31.8	250	50	04/05/2025 06:05	WG2483252

Sample Narrative:

L1842529-96 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0330		0.000120	0.00200	1	04/11/2025 01:06	WG2484524
Barium	0.0168		0.000500	0.00200	1	04/11/2025 01:06	WG2484524
Calcium	548		0.462	5.00	5	04/10/2025 19:34	WG2484524
Chromium	0.0312		0.000900	0.00200	1	04/11/2025 01:06	WG2484524
Iron	3.14		0.0226	0.100	1	04/11/2025 01:06	WG2484524
Lead	0.000622	B J	0.000500	0.00200	1	04/11/2025 01:06	WG2484524
Manganese	1.00		0.00350	0.0250	5	04/10/2025 19:34	WG2484524
Potassium	42.9		0.0965	2.00	1	04/11/2025 01:06	WG2484524
Selenium	0.00394		0.000250	0.00200	1	04/11/2025 01:06	WG2484524
Sodium	963		0.710	10.0	5	04/10/2025 19:34	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.284		0.0314	0.100	1	04/10/2025 08:45	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/10/2025 08:45*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2025 03:20	WG2489709
Benzene	0.000110	J	0.0000941	0.00100	1	04/15/2025 03:20	WG2489709
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2025 03:20	WG2489709
Bromoform	U		0.000129	0.00100	1	04/15/2025 03:20	WG2489709
Bromomethane	U		0.000605	0.00500	1	04/15/2025 03:20	WG2489709
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2025 03:20	WG2489709
sec-Butylbenzene	0.000137	J	0.000125	0.00100	1	04/15/2025 03:20	WG2489709
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2025 03:20	WG2489709
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2025 03:20	WG2489709
Chlorobenzene	U		0.000116	0.00100	1	04/15/2025 03:20	WG2489709
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2025 03:20	WG2489709
Chloroethane	U		0.000192	0.00500	1	04/15/2025 03:20	WG2489709
Chloroform	U		0.000111	0.00500	1	04/15/2025 03:20	WG2489709
Chloromethane	U		0.000960	0.00250	1	04/15/2025 03:20	WG2489709
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2025 03:20	WG2489709
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2025 03:20	WG2489709

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2025 03:20	WG2489709
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2025 03:20	WG2489709
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2025 03:20	WG2489709
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2025 03:20	WG2489709
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2025 03:20	WG2489709
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2025 03:20	WG2489709
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2025 03:20	WG2489709
Ethylbenzene	U		0.000137	0.00100	1	04/15/2025 03:20	WG2489709
Isopropylbenzene	0.000450	J	0.000105	0.00100	1	04/15/2025 03:20	WG2489709
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2025 03:20	WG2489709
2-Butanone (MEK)	0.00168	J	0.00119	0.0100	1	04/15/2025 03:20	WG2489709
2-Hexanone	U		0.000787	0.0100	1	04/15/2025 03:20	WG2489709
Methylene Chloride	U		0.000430	0.00500	1	04/15/2025 03:20	WG2489709
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2025 03:20	WG2489709
Methyl tert-butyl ether	0.000576	J	0.000101	0.00100	1	04/15/2025 03:20	WG2489709
Naphthalene	U		0.00100	0.00500	1	04/15/2025 03:20	WG2489709
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2025 03:20	WG2489709
Styrene	U		0.000118	0.00100	1	04/15/2025 03:20	WG2489709
tert-Butyl alcohol	0.00537		0.00406	0.00500	1	04/15/2025 03:20	WG2489709
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2025 03:20	WG2489709
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2025 03:20	WG2489709
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2025 03:20	WG2489709
Toluene	U		0.000278	0.00100	1	04/15/2025 03:20	WG2489709
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2025 03:20	WG2489709
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2025 03:20	WG2489709
Trichloroethene	U		0.000190	0.00100	1	04/15/2025 03:20	WG2489709
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2025 03:20	WG2489709
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2025 03:20	WG2489709
Vinyl chloride	U		0.000234	0.00100	1	04/15/2025 03:20	WG2489709
o-Xylene	U		0.000174	0.00100	1	04/15/2025 03:20	WG2489709
m&p-Xylene	U		0.000430	0.00200	1	04/15/2025 03:20	WG2489709
Xylenes, Total	U		0.000174	0.00300	1	04/15/2025 03:20	WG2489709
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2025 03:20*	WG2489709
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/15/2025 03:20*	WG2489709
(S) 1,2-Dichloroethane-d4	*94.2*			*70.0-130*		*04/15/2025 03:20*	WG2489709

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	29.1		0.605	1.00	10	04/10/2025 06:28	WG2485491
(S) o-Terphenyl	*131*			*52.0-156*		*04/10/2025 06:28*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5020		100	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	544		27.4	50.0	50	04/05/2025 06:19	WG2483252
Fluoride	11.9		3.80	7.50	50	04/05/2025 06:19	WG2483252
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 06:19	WG2483252
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 06:19	WG2483252
Sulfate	2730		31.8	250	50	04/05/2025 06:19	WG2483252

Sample Narrative:

L1842529-97 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00998		0.000120	0.00200	1	04/11/2025 01:10	WG2484524
Barium	0.0392		0.000500	0.00200	1	04/11/2025 01:10	WG2484524
Calcium	519		0.462	5.00	5	04/10/2025 19:44	WG2484524
Chromium	0.0577		0.000900	0.00200	1	04/11/2025 01:10	WG2484524
Iron	0.454		0.0226	0.100	1	04/11/2025 01:10	WG2484524
Lead	U		0.000500	0.00200	1	04/11/2025 01:10	WG2484524
Manganese	0.910		0.00350	0.0250	5	04/10/2025 19:44	WG2484524
Potassium	19.6		0.0965	2.00	1	04/11/2025 01:10	WG2484524
Selenium	0.00739		0.000250	0.00200	1	04/11/2025 01:10	WG2484524
Sodium	557		0.710	10.0	5	04/10/2025 19:44	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0832	J	0.0314	0.100	1	04/10/2025 09:07	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/10/2025 09:07*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2025 03:40	WG2489709
Benzene	U		0.0000941	0.00100	1	04/15/2025 03:40	WG2489709
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2025 03:40	WG2489709
Bromoform	U		0.000129	0.00100	1	04/15/2025 03:40	WG2489709
Bromomethane	U		0.000605	0.00500	1	04/15/2025 03:40	WG2489709
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2025 03:40	WG2489709
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2025 03:40	WG2489709
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2025 03:40	WG2489709
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2025 03:40	WG2489709
Chlorobenzene	U		0.000116	0.00100	1	04/15/2025 03:40	WG2489709
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2025 03:40	WG2489709
Chloroethane	U		0.000192	0.00500	1	04/15/2025 03:40	WG2489709
Chloroform	U		0.000111	0.00500	1	04/15/2025 03:40	WG2489709
Chloromethane	U		0.000960	0.00250	1	04/15/2025 03:40	WG2489709
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2025 03:40	WG2489709
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2025 03:40	WG2489709

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2025 03:40	WG2489709
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2025 03:40	WG2489709
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2025 03:40	WG2489709
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2025 03:40	WG2489709
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2025 03:40	WG2489709
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2025 03:40	WG2489709
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2025 03:40	WG2489709
Ethylbenzene	U		0.000137	0.00100	1	04/15/2025 03:40	WG2489709
Isopropylbenzene	U		0.000105	0.00100	1	04/15/2025 03:40	WG2489709
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2025 03:40	WG2489709
2-Butanone (MEK)	0.00170	J	0.00119	0.0100	1	04/15/2025 03:40	WG2489709
2-Hexanone	U		0.000787	0.0100	1	04/15/2025 03:40	WG2489709
Methylene Chloride	U		0.000430	0.00500	1	04/15/2025 03:40	WG2489709
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2025 03:40	WG2489709
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2025 03:40	WG2489709
Naphthalene	U		0.00100	0.00500	1	04/15/2025 03:40	WG2489709
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2025 03:40	WG2489709
Styrene	U		0.000118	0.00100	1	04/15/2025 03:40	WG2489709
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2025 03:40	WG2489709
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2025 03:40	WG2489709
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2025 03:40	WG2489709
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2025 03:40	WG2489709
Toluene	U		0.000278	0.00100	1	04/15/2025 03:40	WG2489709
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2025 03:40	WG2489709
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2025 03:40	WG2489709
Trichloroethene	U		0.000190	0.00100	1	04/15/2025 03:40	WG2489709
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2025 03:40	WG2489709
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2025 03:40	WG2489709
Vinyl chloride	U		0.000234	0.00100	1	04/15/2025 03:40	WG2489709
o-Xylene	U		0.000174	0.00100	1	04/15/2025 03:40	WG2489709
m&p-Xylene	U		0.000430	0.00200	1	04/15/2025 03:40	WG2489709
Xylenes, Total	U		0.000174	0.00300	1	04/15/2025 03:40	WG2489709
(S) Toluene-d8	*102*			*80.0-120*		*04/15/2025 03:40*	WG2489709
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*		*04/15/2025 03:40*	WG2489709
(S) 1,2-Dichloroethane-d4	*95.3*			*70.0-130*		*04/15/2025 03:40*	WG2489709

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	30.3		0.605	1.00	10	04/10/2025 06:48	WG2485491
(S) o-Terphenyl	*117*			*52.0-156*		*04/10/2025 06:48*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5570		100	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1440		27.4	50.0	50	04/05/2025 06:32	WG2483252
Fluoride	7.03	J	3.80	7.50	50	04/05/2025 06:32	WG2483252
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 06:32	WG2483252
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 06:32	WG2483252
Sulfate	1960		31.8	250	50	04/05/2025 06:32	WG2483252

Sample Narrative:

L1842529-98 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0855		0.000600	0.0100	5	04/10/2025 19:47	WG2484524
Barium	0.0170		0.00250	0.0100	5	04/10/2025 19:47	WG2484524
Calcium	376		0.462	5.00	5	04/10/2025 19:47	WG2484524
Chromium	U		0.00450	0.0100	5	04/10/2025 19:47	WG2484524
Iron	0.163	J	0.113	0.500	5	04/10/2025 19:47	WG2484524
Lead	U		0.00250	0.0100	5	04/10/2025 19:47	WG2484524
Manganese	1.50		0.00350	0.0250	5	04/10/2025 19:47	WG2484524
Potassium	19.1		0.482	10.0	5	04/10/2025 19:47	WG2484524
Selenium	0.00261	J	0.00125	0.0100	5	04/10/2025 19:47	WG2484524
Sodium	1440		0.710	10.0	5	04/10/2025 19:47	WG2484524

Sample Narrative:

L1842529-98 WG2484524: Dilution due to matrix.

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	2.32		0.0314	0.100	1	04/10/2025 13:06	WG2487182
(S) a,a,a-Trifluorotoluene(FID)	*98.1*			*78.0-120*		*04/10/2025 13:06*	WG2487182

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2025 04:00	WG2489709
Benzene	0.000287	J	0.0000941	0.00100	1	04/15/2025 04:00	WG2489709
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2025 04:00	WG2489709
Bromoform	U		0.000129	0.00100	1	04/15/2025 04:00	WG2489709
Bromomethane	U		0.000605	0.00500	1	04/15/2025 04:00	WG2489709
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2025 04:00	WG2489709
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2025 04:00	WG2489709
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2025 04:00	WG2489709
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2025 04:00	WG2489709
Chlorobenzene	U		0.000116	0.00100	1	04/15/2025 04:00	WG2489709
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2025 04:00	WG2489709
Chloroethane	U		0.000192	0.00500	1	04/15/2025 04:00	WG2489709
Chloroform	U		0.000111	0.00500	1	04/15/2025 04:00	WG2489709

MW-75
Collected date/time: 04/02/25 13:45
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/15/2025 04:00	WG2489709
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2025 04:00	WG2489709
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2025 04:00	WG2489709
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2025 04:00	WG2489709
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2025 04:00	WG2489709
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2025 04:00	WG2489709
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2025 04:00	WG2489709
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2025 04:00	WG2489709
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2025 04:00	WG2489709
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2025 04:00	WG2489709
Ethylbenzene	U		0.000137	0.00100	1	04/15/2025 04:00	WG2489709
Isopropylbenzene	0.000821	J	0.000105	0.00100	1	04/15/2025 04:00	WG2489709
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2025 04:00	WG2489709
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2025 04:00	WG2489709
2-Hexanone	U		0.000787	0.0100	1	04/15/2025 04:00	WG2489709
Methylene Chloride	U		0.000430	0.00500	1	04/15/2025 04:00	WG2489709
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2025 04:00	WG2489709
Methyl tert-butyl ether	0.00591		0.000101	0.00100	1	04/15/2025 04:00	WG2489709
Naphthalene	U		0.00100	0.00500	1	04/15/2025 04:00	WG2489709
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2025 04:00	WG2489709
Styrene	U		0.000118	0.00100	1	04/15/2025 04:00	WG2489709
tert-Butyl alcohol	0.0111		0.00406	0.00500	1	04/15/2025 04:00	WG2489709
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2025 04:00	WG2489709
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2025 04:00	WG2489709
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2025 04:00	WG2489709
Toluene	U		0.000278	0.00100	1	04/15/2025 04:00	WG2489709
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2025 04:00	WG2489709
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2025 04:00	WG2489709
Trichloroethene	U		0.000190	0.00100	1	04/15/2025 04:00	WG2489709
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2025 04:00	WG2489709
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2025 04:00	WG2489709
Vinyl chloride	U		0.000234	0.00100	1	04/15/2025 04:00	WG2489709
o-Xylene	U		0.000174	0.00100	1	04/15/2025 04:00	WG2489709
m&p-Xylene	U		0.000430	0.00200	1	04/15/2025 04:00	WG2489709
Xylenes, Total	U		0.000174	0.00300	1	04/15/2025 04:00	WG2489709
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2025 04:00*	WG2489709
(S) 4-Bromofluorobenzene	*112*			*77.0-126*		*04/15/2025 04:00*	WG2489709
(S) 1,2-Dichloroethane-d4	*93.0*			*70.0-130*		*04/15/2025 04:00*	WG2489709

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	16.4		0.605	1.00	10	04/10/2025 05:48	WG2485491
(S) o-Terphenyl	*129*			*52.0-156*		*04/10/2025 05:48*	WG2485491

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4760		100	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	998		54.7	100	100	04/05/2025 10:49	WG2483252
Fluoride	3.84		0.761	1.50	10	04/05/2025 06:46	WG2483252
Nitrate as (N)	1.69	T8	0.884	1.00	10	04/05/2025 06:46	WG2483252
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 06:46	WG2483252
Sulfate	1780		63.7	500	100	04/05/2025 10:49	WG2483252

Sample Narrative:

L1842529-99 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0474		0.000120	0.00200	1	04/11/2025 01:13	WG2484524
Barium	0.0229		0.000500	0.00200	1	04/11/2025 01:13	WG2484524
Calcium	422		0.462	5.00	5	04/10/2025 19:50	WG2484524
Chromium	0.00209		0.000900	0.00200	1	04/11/2025 01:13	WG2484524
Iron	1.19		0.0226	0.100	1	04/11/2025 01:13	WG2484524
Lead	0.000928	B J	0.000500	0.00200	1	04/11/2025 01:13	WG2484524
Manganese	0.364		0.000700	0.00500	1	04/11/2025 01:13	WG2484524
Potassium	20.6		0.0965	2.00	1	04/11/2025 01:13	WG2484524
Selenium	0.00234		0.000250	0.00200	1	04/11/2025 01:13	WG2484524
Sodium	832		0.710	10.0	5	04/10/2025 19:50	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.449		0.0314	0.100	1	04/11/2025 22:34	WG2488181
(S) a,a,a-Trifluorotoluene(FID)	*86.1*			*78.0-120*		*04/11/2025 22:34*	WG2488181

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/15/2025 04:20	WG2489709
Benzene	0.000359	J	0.0000941	0.00100	1	04/15/2025 04:20	WG2489709
Bromodichloromethane	U		0.000136	0.00100	1	04/15/2025 04:20	WG2489709
Bromoform	U		0.000129	0.00100	1	04/15/2025 04:20	WG2489709
Bromomethane	U		0.000605	0.00500	1	04/15/2025 04:20	WG2489709
n-Butylbenzene	U		0.000157	0.00100	1	04/15/2025 04:20	WG2489709
sec-Butylbenzene	U		0.000125	0.00100	1	04/15/2025 04:20	WG2489709
Carbon disulfide	U		0.0000962	0.00100	1	04/15/2025 04:20	WG2489709
Carbon tetrachloride	U		0.000128	0.00100	1	04/15/2025 04:20	WG2489709
Chlorobenzene	U		0.000116	0.00100	1	04/15/2025 04:20	WG2489709
Chlorodibromomethane	U		0.000140	0.00100	1	04/15/2025 04:20	WG2489709
Chloroethane	U		0.000192	0.00500	1	04/15/2025 04:20	WG2489709
Chloroform	U		0.000111	0.00500	1	04/15/2025 04:20	WG2489709
Chloromethane	U		0.000960	0.00250	1	04/15/2025 04:20	WG2489709
1,2-Dibromoethane	U		0.000126	0.00100	1	04/15/2025 04:20	WG2489709
1,1-Dichloroethane	U		0.000100	0.00100	1	04/15/2025 04:20	WG2489709

MW-83
Collected date/time: 04/02/25 13:05
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/15/2025 04:20	WG2489709
1,1-Dichloroethene	U		0.000188	0.00100	1	04/15/2025 04:20	WG2489709
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/15/2025 04:20	WG2489709
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/15/2025 04:20	WG2489709
1,2-Dichloropropane	U		0.000149	0.00100	1	04/15/2025 04:20	WG2489709
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/15/2025 04:20	WG2489709
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/15/2025 04:20	WG2489709
Ethylbenzene	U		0.000137	0.00100	1	04/15/2025 04:20	WG2489709
Isopropylbenzene	0.000137	J	0.000105	0.00100	1	04/15/2025 04:20	WG2489709
p-Isopropyltoluene	U		0.000120	0.00100	1	04/15/2025 04:20	WG2489709
2-Butanone (MEK)	U		0.00119	0.0100	1	04/15/2025 04:20	WG2489709
2-Hexanone	U		0.000787	0.0100	1	04/15/2025 04:20	WG2489709
Methylene Chloride	U		0.000430	0.00500	1	04/15/2025 04:20	WG2489709
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/15/2025 04:20	WG2489709
Methyl tert-butyl ether	0.000277	J	0.000101	0.00100	1	04/15/2025 04:20	WG2489709
Naphthalene	U		0.00100	0.00500	1	04/15/2025 04:20	WG2489709
n-Propylbenzene	U		0.0000993	0.00100	1	04/15/2025 04:20	WG2489709
Styrene	U		0.000118	0.00100	1	04/15/2025 04:20	WG2489709
tert-Butyl alcohol	0.00905		0.00406	0.00500	1	04/15/2025 04:20	WG2489709
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/15/2025 04:20	WG2489709
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/15/2025 04:20	WG2489709
Tetrachloroethene	U		0.000300	0.00100	1	04/15/2025 04:20	WG2489709
Toluene	U		0.000278	0.00100	1	04/15/2025 04:20	WG2489709
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/15/2025 04:20	WG2489709
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/15/2025 04:20	WG2489709
Trichloroethene	U		0.000190	0.00100	1	04/15/2025 04:20	WG2489709
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/15/2025 04:20	WG2489709
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/15/2025 04:20	WG2489709
Vinyl chloride	U		0.000234	0.00100	1	04/15/2025 04:20	WG2489709
o-Xylene	U		0.000174	0.00100	1	04/15/2025 04:20	WG2489709
m&p-Xylene	U		0.000430	0.00200	1	04/15/2025 04:20	WG2489709
Xylenes, Total	U		0.000174	0.00300	1	04/15/2025 04:20	WG2489709
(S) Toluene-d8	*103*			*80.0-120*		*04/15/2025 04:20*	WG2489709
(S) 4-Bromofluorobenzene	*99.2*			*77.0-126*		*04/15/2025 04:20*	WG2489709
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*04/15/2025 04:20*	WG2489709

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	6.45		0.605	1.00	10	04/10/2025 06:33	WG2485492
(S) o-Terphenyl	*75.8*			*52.0-156*		*04/10/2025 06:33*	WG2485492

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	7570		100	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2270		27.4	50.0	50	04/05/2025 10:19	WG2483241
Fluoride	U		3.80	7.50	50	04/05/2025 10:19	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 10:19	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 10:19	WG2483241
Sulfate	2550		31.8	250	50	04/05/2025 10:19	WG2483241

Sample Narrative:

L1842529-100 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0404		0.000120	0.00200	1	04/09/2025 19:06	WG2484521
Barium	0.0150		0.000500	0.00200	1	04/09/2025 19:06	WG2484521
Calcium	676		0.0925	1.00	1	04/09/2025 19:06	WG2484521
Chromium	0.00101	J	0.000900	0.00200	1	04/09/2025 19:06	WG2484521
Iron	2.32		0.0226	0.100	1	04/09/2025 19:06	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 19:06	WG2484521
Manganese	2.37		0.000700	0.00500	1	04/09/2025 19:06	WG2484521
Potassium	5.95		0.0965	2.00	1	04/09/2025 19:06	WG2484521
Selenium	0.00744		0.000250	0.00200	1	04/09/2025 19:06	WG2484521
Sodium	1380		0.710	10.0	5	04/09/2025 19:48	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.168		0.0314	0.100	1	04/09/2025 02:51	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/09/2025 02:51*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 14:51	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 14:51	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 14:51	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 14:51	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 14:51	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 14:51	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 14:51	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 14:51	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 14:51	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 14:51	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 14:51	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 14:51	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 14:51	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 14:51	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 14:51	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 14:51	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 14:51	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 14:51	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 14:51	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 14:51	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 14:51	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 14:51	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 14:51	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 14:51	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 14:51	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 14:51	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 14:51	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 14:51	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 14:51	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 14:51	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 14:51	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 14:51	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 14:51	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 14:51	WG2484692
tert-Butyl alcohol	0.0133		0.00406	0.00500	1	04/07/2025 14:51	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 14:51	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 14:51	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 14:51	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 14:51	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 14:51	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 14:51	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 14:51	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 14:51	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 14:51	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 14:51	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 14:51	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 14:51	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 14:51	WG2484692
(S) Toluene-d8	*103*			*80.0-120*		*04/07/2025 14:51*	WG2484692
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*04/07/2025 14:51*	WG2484692
(S) 1,2-Dichloroethane-d4	*98.0*			*70.0-130*		*04/07/2025 14:51*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	7.75		0.0605	0.100	1	04/08/2025 13:23	WG2484759
(S) o-Terphenyl	*108*			*52.0-156*		*04/08/2025 13:23*	WG2484759

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	15400		200	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3150		27.4	50.0	50	04/05/2025 10:32	WG2483241
Fluoride	4.11	J	3.80	7.50	50	04/05/2025 10:32	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 10:32	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 10:32	WG2483241
Sulfate	7010		318	2500	500	04/05/2025 16:58	WG2483241

Sample Narrative:

L1842529-101 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0909		0.000120	0.00200	1	04/09/2025 19:09	WG2484521
Barium	0.0116		0.000500	0.00200	1	04/09/2025 19:09	WG2484521
Calcium	510		0.462	5.00	5	04/09/2025 19:51	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 19:09	WG2484521
Iron	6.04		0.113	0.500	5	04/09/2025 19:51	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 19:09	WG2484521
Manganese	1.55		0.00350	0.0250	5	04/09/2025 19:51	WG2484521
Potassium	6.07		0.0965	2.00	1	04/09/2025 19:09	WG2484521
Selenium	0.000792	J	0.000250	0.00200	1	04/09/2025 19:09	WG2484521
Sodium	3470		0.710	10.0	5	04/09/2025 19:51	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.847		0.0314	0.100	1	04/09/2025 03:12	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 03:12*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 15:10	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 15:10	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 15:10	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 15:10	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 15:10	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 15:10	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 15:10	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 15:10	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 15:10	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 15:10	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 15:10	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 15:10	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 15:10	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 15:10	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 15:10	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 15:10	WG2484692

MW-5A
Collected date/time: 04/02/25 11:00
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 15:10	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 15:10	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 15:10	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 15:10	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 15:10	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 15:10	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 15:10	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 15:10	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 15:10	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 15:10	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 15:10	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 15:10	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 15:10	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 15:10	WG2484692
Methyl tert-butyl ether	0.000767	J	0.000101	0.00100	1	04/07/2025 15:10	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 15:10	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 15:10	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 15:10	WG2484692
tert-Butyl alcohol	0.0217		0.00406	0.00500	1	04/07/2025 15:10	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 15:10	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 15:10	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 15:10	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 15:10	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 15:10	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 15:10	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 15:10	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 15:10	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 15:10	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 15:10	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 15:10	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 15:10	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 15:10	WG2484692
(S) Toluene-d8	*103*			*80.0-120*		*04/07/2025 15:10*	WG2484692
(S) 4-Bromofluorobenzene	*92.9*			*77.0-126*		*04/07/2025 15:10*	WG2484692
(S) 1,2-Dichloroethane-d4	*97.4*			*70.0-130*		*04/07/2025 15:10*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.36		0.0605	0.100	1	04/08/2025 13:43	WG2484759
(S) o-Terphenyl	*101*			*52.0-156*		*04/08/2025 13:43*	WG2484759

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5600		100	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1170		27.4	50.0	50	04/05/2025 10:45	WG2483241
Fluoride	U		3.80	7.50	50	04/05/2025 10:45	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 10:45	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 10:45	WG2483241
Sulfate	2210		31.8	250	50	04/05/2025 10:45	WG2483241

Sample Narrative:

L1842529-102 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.127		0.000120	0.00200	1	04/09/2025 19:12	WG2484521
Barium	0.0100		0.000500	0.00200	1	04/09/2025 19:12	WG2484521
Calcium	348		0.0925	1.00	1	04/09/2025 19:12	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 19:12	WG2484521
Iron	3.94		0.0226	0.100	1	04/09/2025 19:12	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 19:12	WG2484521
Manganese	2.74		0.000700	0.00500	1	04/09/2025 19:12	WG2484521
Potassium	10.5		0.0965	2.00	1	04/09/2025 19:12	WG2484521
Selenium	0.00127	J	0.000250	0.00200	1	04/09/2025 19:12	WG2484521
Sodium	1310		0.710	10.0	5	04/09/2025 19:54	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.00		0.0314	0.100	1	04/09/2025 03:33	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/09/2025 03:33*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 15:30	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 15:30	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 15:30	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 15:30	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 15:30	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 15:30	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 15:30	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 15:30	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 15:30	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 15:30	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 15:30	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 15:30	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 15:30	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 15:30	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 15:30	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 15:30	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 15:30	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 15:30	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 15:30	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 15:30	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 15:30	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 15:30	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 15:30	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 15:30	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 15:30	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 15:30	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 15:30	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 15:30	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 15:30	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 15:30	WG2484692
Methyl tert-butyl ether	0.000773	J	0.000101	0.00100	1	04/07/2025 15:30	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 15:30	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 15:30	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 15:30	WG2484692
tert-Butyl alcohol	0.0556		0.00406	0.00500	1	04/07/2025 15:30	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 15:30	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 15:30	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 15:30	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 15:30	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 15:30	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 15:30	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 15:30	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 15:30	WG2484692
1,3,5-Trimethylbenzene	0.000111	J	0.000104	0.00100	1	04/07/2025 15:30	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 15:30	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 15:30	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 15:30	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 15:30	WG2484692
(S) Toluene-d8	*101*			*80.0-120*		*04/07/2025 15:30*	WG2484692
(S) 4-Bromofluorobenzene	*93.2*			*77.0-126*		*04/07/2025 15:30*	WG2484692
(S) 1,2-Dichloroethane-d4	*94.2*			*70.0-130*		*04/07/2025 15:30*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	9.10		0.0605	0.100	1	04/08/2025 14:04	WG2484759
(S) o-Terphenyl	*108*			*52.0-156*		*04/08/2025 14:04*	WG2484759

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3070		50.0	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	622		5.47	10.0	10	04/05/2025 10:58	WG2483241
Fluoride	0.903	J	0.761	1.50	10	04/05/2025 10:58	WG2483241
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 10:58	WG2483241
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 10:58	WG2483241
Sulfate	1280		63.7	500	100	04/05/2025 17:25	WG2483241

Sample Narrative:

L1842529-103 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0103		0.000120	0.00200	1	04/09/2025 20:05	WG2484521
Barium	0.0143		0.000500	0.00200	1	04/09/2025 20:05	WG2484521
Calcium	390		0.0925	1.00	1	04/09/2025 20:05	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 20:05	WG2484521
Iron	0.992		0.0226	0.100	1	04/09/2025 20:05	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 20:05	WG2484521
Manganese	1.22		0.000700	0.00500	1	04/09/2025 20:05	WG2484521
Potassium	4.12		0.0965	2.00	1	04/09/2025 20:05	WG2484521
Selenium	U		0.000250	0.00200	1	04/09/2025 20:05	WG2484521
Sodium	448		0.142	2.00	1	04/09/2025 20:05	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0446	J	0.0314	0.100	1	04/09/2025 03:55	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/09/2025 03:55*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 15:50	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 15:50	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 15:50	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 15:50	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 15:50	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 15:50	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 15:50	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 15:50	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 15:50	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 15:50	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 15:50	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 15:50	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 15:50	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 15:50	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 15:50	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 15:50	WG2484692

MW-3C
Collected date/time: 04/02/25 12:25
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 15:50	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 15:50	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 15:50	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 15:50	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 15:50	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 15:50	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 15:50	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 15:50	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 15:50	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 15:50	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 15:50	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 15:50	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 15:50	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 15:50	WG2484692
Methyl tert-butyl ether	0.000311	J	0.000101	0.00100	1	04/07/2025 15:50	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 15:50	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 15:50	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 15:50	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 15:50	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 15:50	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 15:50	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 15:50	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 15:50	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 15:50	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 15:50	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 15:50	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 15:50	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 15:50	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 15:50	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 15:50	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 15:50	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 15:50	WG2484692
(S) Toluene-d8	*101*			*80.0-120*		*04/07/2025 15:50*	WG2484692
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*		*04/07/2025 15:50*	WG2484692
(S) 1,2-Dichloroethane-d4	*97.7*			*70.0-130*		*04/07/2025 15:50*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.433		0.0605	0.100	1	04/09/2025 13:17	WG2485485
(S) o-Terphenyl	*78.9*			*52.0-156*		*04/09/2025 13:17*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	7840		200	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2270		27.4	50.0	50	04/05/2025 11:11	WG2483241
Fluoride	U		3.80	7.50	50	04/05/2025 11:11	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 11:11	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 11:11	WG2483241
Sulfate	2860		31.8	250	50	04/05/2025 11:11	WG2483241

Sample Narrative:

L1842529-104 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0135		0.000600	0.0100	5	04/09/2025 20:20	WG2484521
Barium	0.0153		0.00250	0.0100	5	04/09/2025 20:20	WG2484521
Calcium	468		0.462	5.00	5	04/09/2025 20:20	WG2484521
Chromium	0.0144		0.00450	0.0100	5	04/09/2025 20:20	WG2484521
Iron	2.51		0.113	0.500	5	04/09/2025 20:20	WG2484521
Lead	U		0.00250	0.0100	5	04/09/2025 20:20	WG2484521
Manganese	0.521		0.00350	0.0250	5	04/09/2025 20:20	WG2484521
Potassium	4.37	J	0.482	10.0	5	04/09/2025 20:20	WG2484521
Selenium	0.00151	J	0.00125	0.0100	5	04/09/2025 20:20	WG2484521
Sodium	1710		0.710	10.0	5	04/09/2025 20:20	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.191		0.0314	0.100	1	04/09/2025 04:16	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 04:16*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 16:10	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 16:10	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 16:10	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 16:10	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 16:10	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 16:10	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 16:10	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 16:10	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 16:10	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 16:10	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 16:10	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 16:10	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 16:10	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 16:10	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 16:10	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 16:10	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 16:10	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 16:10	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 16:10	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 16:10	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 16:10	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 16:10	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 16:10	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 16:10	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 16:10	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 16:10	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 16:10	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 16:10	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 16:10	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 16:10	WG2484692
Methyl tert-butyl ether	0.000747	J	0.000101	0.00100	1	04/07/2025 16:10	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 16:10	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 16:10	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 16:10	WG2484692
tert-Butyl alcohol	0.00563		0.00406	0.00500	1	04/07/2025 16:10	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 16:10	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 16:10	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 16:10	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 16:10	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 16:10	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 16:10	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 16:10	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 16:10	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 16:10	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 16:10	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 16:10	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 16:10	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 16:10	WG2484692
(S) Toluene-d8	*101*			*80.0-120*		*04/07/2025 16:10*	WG2484692
(S) 4-Bromofluorobenzene	*93.0*			*77.0-126*		*04/07/2025 16:10*	WG2484692
(S) 1,2-Dichloroethane-d4	*93.2*			*70.0-130*		*04/07/2025 16:10*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.629		0.0605	0.100	1	04/09/2025 13:37	WG2485485
(S) o-Terphenyl	*78.4*			*52.0-156*		*04/09/2025 13:37*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4400		100	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1020		54.7	100	100	04/05/2025 17:52	WG2483241
Fluoride	0.899	J	0.761	1.50	10	04/05/2025 11:24	WG2483241
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 11:24	WG2483241
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 11:24	WG2483241
Sulfate	1680		63.7	500	100	04/05/2025 17:52	WG2483241

Sample Narrative:

L1842529-105 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00365		0.000120	0.00200	1	04/09/2025 21:31	WG2484521
Barium	0.0125		0.000500	0.00200	1	04/09/2025 21:31	WG2484521
Calcium	576		0.0925	1.00	1	04/09/2025 21:31	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 21:31	WG2484521
Iron	0.154		0.0226	0.100	1	04/09/2025 21:31	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 21:31	WG2484521
Manganese	0.666		0.000700	0.00500	1	04/09/2025 21:31	WG2484521
Potassium	7.28		0.0965	2.00	1	04/09/2025 21:31	WG2484521
Selenium	U		0.000250	0.00200	1	04/09/2025 21:31	WG2484521
Sodium	629		0.142	2.00	1	04/09/2025 21:31	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 04:37	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 04:37*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 16:30	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 16:30	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 16:30	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 16:30	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 16:30	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 16:30	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 16:30	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 16:30	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 16:30	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 16:30	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 16:30	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 16:30	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 16:30	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 16:30	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 16:30	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 16:30	WG2484692

MW-7B
Collected date/time: 04/02/25 10:20
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 16:30	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 16:30	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 16:30	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 16:30	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 16:30	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 16:30	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 16:30	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 16:30	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 16:30	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 16:30	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 16:30	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 16:30	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 16:30	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 16:30	WG2484692
Methyl tert-butyl ether	0.000119	J	0.000101	0.00100	1	04/07/2025 16:30	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 16:30	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 16:30	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 16:30	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 16:30	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 16:30	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 16:30	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 16:30	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 16:30	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 16:30	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 16:30	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 16:30	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 16:30	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 16:30	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 16:30	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 16:30	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 16:30	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 16:30	WG2484692
(S) Toluene-d8	*102*			*80.0-120*		*04/07/2025 16:30*	WG2484692
(S) 4-Bromofluorobenzene	*97.7*			*77.0-126*		*04/07/2025 16:30*	WG2484692
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*04/07/2025 16:30*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0857	J	0.0605	0.100	1	04/09/2025 13:57	WG2485485
(S) o-Terphenyl	*74.2*			*52.0-156*		*04/09/2025 13:57*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	14800		400	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	5060		274	500	500	04/05/2025 18:05	WG2483241
Fluoride	U		3.80	7.50	50	04/05/2025 11:37	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 11:37	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 11:37	WG2483241
Sulfate	4730		31.8	250	50	04/05/2025 11:37	WG2483241

Sample Narrative:

L1842529-106 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.883		0.0232	0.200	1	04/09/2025 09:31	WG2484497

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0289		0.000600	0.0100	5	04/09/2025 20:27	WG2484521
Barium	0.0133		0.00250	0.0100	5	04/09/2025 20:27	WG2484521
Calcium	702		0.462	5.00	5	04/09/2025 20:27	WG2484521
Chromium	U		0.00450	0.0100	5	04/09/2025 20:27	WG2484521
Iron	0.383	J	0.113	0.500	5	04/09/2025 20:27	WG2484521
Lead	U		0.00250	0.0100	5	04/09/2025 20:27	WG2484521
Manganese	0.706		0.00350	0.0250	5	04/09/2025 20:27	WG2484521
Potassium	9.29	J	0.482	10.0	5	04/09/2025 20:27	WG2484521
Selenium	0.00299	J	0.00125	0.0100	5	04/09/2025 20:27	WG2484521
Sodium	3590		0.710	10.0	5	04/09/2025 20:27	WG2484521
Uranium	0.00614		0.000650	0.00500	5	04/09/2025 20:27	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.279		0.0314	0.100	1	04/09/2025 04:58	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 04:58*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 16:50	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 16:50	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 16:50	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 16:50	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 16:50	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 16:50	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 16:50	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 16:50	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 16:50	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 16:50	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 16:50	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 16:50	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 16:50	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 16:50	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 16:50	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 16:50	WG2484692
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 16:50	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 16:50	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 16:50	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 16:50	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 16:50	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 16:50	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 16:50	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 16:50	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 16:50	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 16:50	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 16:50	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 16:50	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 16:50	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 16:50	WG2484692
Methyl tert-butyl ether	0.00167		0.000101	0.00100	1	04/07/2025 16:50	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 16:50	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 16:50	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 16:50	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 16:50	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 16:50	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 16:50	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 16:50	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 16:50	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 16:50	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 16:50	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 16:50	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 16:50	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 16:50	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 16:50	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 16:50	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 16:50	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 16:50	WG2484692
(S) Toluene-d8	*102*			*80.0-120*		*04/07/2025 16:50*	WG2484692
(S) 4-Bromofluorobenzene	*94.1*			*77.0-126*		*04/07/2025 16:50*	WG2484692
(S) 1,2-Dichloroethane-d4	*94.4*			*70.0-130*		*04/07/2025 16:50*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.20		0.0605	0.100	1	04/09/2025 14:17	WG2485485
(S) o-Terphenyl	*77.4*			*52.0-156*		*04/09/2025 14:17*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	8100		200	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2910		27.4	50.0	50	04/05/2025 11:50	WG2483241
Fluoride	U		3.80	7.50	50	04/05/2025 11:50	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 11:50	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 11:50	WG2483241
Sulfate	2420		31.8	250	50	04/05/2025 11:50	WG2483241

Sample Narrative:

L1842529-107 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00901	J	0.000600	0.0100	5	04/09/2025 20:30	WG2484521
Barium	0.0130		0.00250	0.0100	5	04/09/2025 20:30	WG2484521
Calcium	805		0.462	5.00	5	04/09/2025 20:30	WG2484521
Chromium	U		0.00450	0.0100	5	04/09/2025 20:30	WG2484521
Iron	0.197	J	0.113	0.500	5	04/09/2025 20:30	WG2484521
Lead	U		0.00250	0.0100	5	04/09/2025 20:30	WG2484521
Manganese	8.06		0.00350	0.0250	5	04/09/2025 20:30	WG2484521
Potassium	10.8		0.482	10.0	5	04/09/2025 20:30	WG2484521
Selenium	U		0.00125	0.0100	5	04/09/2025 20:30	WG2484521
Sodium	1710		0.710	10.0	5	04/09/2025 20:30	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 05:20	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 05:20*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 17:40	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 17:40	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 17:40	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 17:40	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 17:40	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 17:40	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 17:40	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 17:40	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 17:40	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 17:40	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 17:40	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 17:40	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 17:40	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 17:40	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 17:40	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 17:40	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 17:40	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 17:40	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 17:40	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 17:40	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 17:40	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 17:40	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 17:40	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 17:40	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 17:40	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 17:40	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 17:40	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 17:40	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 17:40	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 17:40	WG2484692
Methyl tert-butyl ether	0.000191	J	0.000101	0.00100	1	04/07/2025 17:40	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 17:40	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 17:40	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 17:40	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 17:40	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 17:40	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 17:40	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 17:40	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 17:40	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 17:40	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 17:40	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 17:40	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 17:40	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 17:40	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 17:40	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 17:40	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 17:40	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 17:40	WG2484692
(S) Toluene-d8	*101*			*80.0-120*		*04/07/2025 17:40*	WG2484692
(S) 4-Bromofluorobenzene	*92.8*			*77.0-126*		*04/07/2025 17:40*	WG2484692
(S) 1,2-Dichloroethane-d4	*92.5*			*70.0-130*		*04/07/2025 17:40*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.167		0.0605	0.100	1	04/09/2025 19:58	WG2485485
(S) o-Terphenyl	*86.8*			*52.0-156*		*04/09/2025 19:58*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	7620		200	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2260		27.4	50.0	50	04/05/2025 12:03	WG2483241
Fluoride	U		3.80	7.50	50	04/05/2025 12:03	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 12:03	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 12:03	WG2483241
Sulfate	2860		31.8	250	50	04/05/2025 12:03	WG2483241

Sample Narrative:

L1842529-108 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0141		0.000600	0.0100	5	04/09/2025 20:33	WG2484521
Barium	0.0130		0.00250	0.0100	5	04/09/2025 20:33	WG2484521
Calcium	457		0.462	5.00	5	04/09/2025 20:33	WG2484521
Chromium	0.0172		0.00450	0.0100	5	04/09/2025 20:33	WG2484521
Iron	2.60		0.113	0.500	5	04/09/2025 20:33	WG2484521
Lead	U		0.00250	0.0100	5	04/09/2025 20:33	WG2484521
Manganese	0.521		0.00350	0.0250	5	04/09/2025 20:33	WG2484521
Potassium	4.00	J	0.482	10.0	5	04/09/2025 20:33	WG2484521
Selenium	0.00166	J	0.00125	0.0100	5	04/09/2025 20:33	WG2484521
Sodium	1670		0.710	10.0	5	04/09/2025 20:33	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.186		0.0314	0.100	1	04/09/2025 05:41	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 05:41*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 18:00	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 18:00	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 18:00	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 18:00	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 18:00	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 18:00	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 18:00	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 18:00	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 18:00	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 18:00	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 18:00	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 18:00	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 18:00	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 18:00	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 18:00	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 18:00	WG2484692

DUP-LI-01
Collected date/time: 04/02/25 11:00
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 18:00	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 18:00	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 18:00	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 18:00	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 18:00	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 18:00	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 18:00	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 18:00	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 18:00	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 18:00	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 18:00	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 18:00	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 18:00	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 18:00	WG2484692
Methyl tert-butyl ether	0.000892	J	0.000101	0.00100	1	04/07/2025 18:00	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 18:00	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 18:00	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 18:00	WG2484692
tert-Butyl alcohol	0.00551		0.00406	0.00500	1	04/07/2025 18:00	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 18:00	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 18:00	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 18:00	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 18:00	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 18:00	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 18:00	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 18:00	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 18:00	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 18:00	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 18:00	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 18:00	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 18:00	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 18:00	WG2484692
(S) Toluene-d8	*101*			*80.0-120*		*04/07/2025 18:00*	WG2484692
(S) 4-Bromofluorobenzene	*93.7*			*77.0-126*		*04/07/2025 18:00*	WG2484692
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*		*04/07/2025 18:00*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.662		0.0605	0.100	1	04/09/2025 14:57	WG2485485
(S) o-Terphenyl	*77.4*			*52.0-156*		*04/09/2025 14:57*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	7220		200	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2200		27.4	50.0	50	04/05/2025 12:16	WG2483241
Fluoride	U		3.80	7.50	50	04/05/2025 12:16	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 12:16	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 12:16	WG2483241
Sulfate	2480		31.8	250	50	04/05/2025 12:16	WG2483241

Sample Narrative:

L1842529-109 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0475		0.000120	0.00200	1	04/09/2025 21:34	WG2484521
Barium	0.0148		0.000500	0.00200	1	04/09/2025 21:34	WG2484521
Calcium	703		0.0925	1.00	1	04/09/2025 21:34	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 21:34	WG2484521
Iron	2.89		0.0226	0.100	1	04/09/2025 21:34	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 21:34	WG2484521
Manganese	2.69		0.000700	0.00500	1	04/09/2025 21:34	WG2484521
Potassium	6.13		0.0965	2.00	1	04/09/2025 21:34	WG2484521
Selenium	0.00655		0.000250	0.00200	1	04/09/2025 21:34	WG2484521
Sodium	1400		0.710	10.0	5	04/09/2025 20:36	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.191		0.0314	0.100	1	04/09/2025 06:02	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 06:02*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 18:19	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 18:19	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 18:19	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 18:19	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 18:19	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 18:19	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 18:19	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 18:19	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 18:19	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 18:19	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 18:19	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 18:19	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 18:19	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 18:19	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 18:19	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 18:19	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 18:19	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 18:19	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 18:19	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 18:19	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 18:19	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 18:19	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 18:19	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 18:19	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 18:19	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 18:19	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 18:19	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 18:19	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 18:19	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 18:19	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 18:19	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 18:19	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 18:19	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 18:19	WG2484692
tert-Butyl alcohol	0.0123		0.00406	0.00500	1	04/07/2025 18:19	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 18:19	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 18:19	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 18:19	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 18:19	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 18:19	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 18:19	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 18:19	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 18:19	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 18:19	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 18:19	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 18:19	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 18:19	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 18:19	WG2484692
(S) Toluene-d8	*105*			*80.0-120*		*04/07/2025 18:19*	WG2484692
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*		*04/07/2025 18:19*	WG2484692
(S) 1,2-Dichloroethane-d4	*96.5*			*70.0-130*		*04/07/2025 18:19*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	6.20		0.0605	0.100	1	04/09/2025 15:18	WG2485485
(S) o-Terphenyl	*81.1*			*52.0-156*		*04/09/2025 15:18*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	04/05/2025 12:57	WG2483241
Fluoride	U		0.0761	0.150	1	04/05/2025 12:57	WG2483241
Nitrate as (N)	U	T8	0.0884	0.100	1	04/05/2025 12:57	WG2483241
Nitrite as (N)	U	T8	0.0794	0.100	1	04/05/2025 12:57	WG2483241
Sulfate	U		0.637	5.00	1	04/05/2025 12:57	WG2483241

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	04/09/2025 21:37	WG2484521
Barium	U		0.000500	0.00200	1	04/09/2025 21:37	WG2484521
Calcium	U		0.0925	1.00	1	04/09/2025 21:37	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 21:37	WG2484521
Iron	U		0.0226	0.100	1	04/09/2025 21:37	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 21:37	WG2484521
Manganese	U		0.000700	0.00500	1	04/09/2025 21:37	WG2484521
Potassium	U		0.0965	2.00	1	04/09/2025 21:37	WG2484521
Selenium	0.000258	J	0.000250	0.00200	1	04/09/2025 21:37	WG2484521
Sodium	0.439	J	0.142	2.00	1	04/09/2025 21:37	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 02:30	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*99.1*			*78.0-120*		*04/09/2025 02:30*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 12:12	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 12:12	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 12:12	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 12:12	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 12:12	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 12:12	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 12:12	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 12:12	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 12:12	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 12:12	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 12:12	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 12:12	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 12:12	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 12:12	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 12:12	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 12:12	WG2484692
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 12:12	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 12:12	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 12:12	WG2484692

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 12:12	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 12:12	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 12:12	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 12:12	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 12:12	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 12:12	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 12:12	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 12:12	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 12:12	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 12:12	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 12:12	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 12:12	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 12:12	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 12:12	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 12:12	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 12:12	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 12:12	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 12:12	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 12:12	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 12:12	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 12:12	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 12:12	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 12:12	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 12:12	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 12:12	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 12:12	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 12:12	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 12:12	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 12:12	WG2484692
(S) Toluene-d8	*102*			*80.0-120*		*04/07/2025 12:12*	WG2484692
(S) 4-Bromofluorobenzene	*93.3*			*77.0-126*		*04/07/2025 12:12*	WG2484692
(S) 1,2-Dichloroethane-d4	*93.1*			*70.0-130*		*04/07/2025 12:12*	WG2484692

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0917	J	0.0605	0.100	1	04/09/2025 15:38	WG2485485
(S) o-Terphenyl	*74.2*			*52.0-156*		*04/09/2025 15:38*	WG2485485

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/07/2025 18:39	WG2484692
Benzene	U		0.0000941	0.00100	1	04/07/2025 18:39	WG2484692
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 18:39	WG2484692
Bromoform	U		0.000129	0.00100	1	04/07/2025 18:39	WG2484692
Bromomethane	U		0.000605	0.00500	1	04/07/2025 18:39	WG2484692
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 18:39	WG2484692
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 18:39	WG2484692
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 18:39	WG2484692
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 18:39	WG2484692
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 18:39	WG2484692
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 18:39	WG2484692
Chloroethane	U		0.000192	0.00500	1	04/07/2025 18:39	WG2484692
Chloroform	U		0.000111	0.00500	1	04/07/2025 18:39	WG2484692
Chloromethane	U		0.000960	0.00250	1	04/07/2025 18:39	WG2484692
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 18:39	WG2484692
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 18:39	WG2484692
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 18:39	WG2484692
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 18:39	WG2484692
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 18:39	WG2484692
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 18:39	WG2484692
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 18:39	WG2484692
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 18:39	WG2484692
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 18:39	WG2484692
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 18:39	WG2484692
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 18:39	WG2484692
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 18:39	WG2484692
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/07/2025 18:39	WG2484692
2-Hexanone	U	C3	0.000787	0.0100	1	04/07/2025 18:39	WG2484692
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 18:39	WG2484692
4-Methyl-2-pentanone (MIBK)	U	C3	0.000478	0.0100	1	04/07/2025 18:39	WG2484692
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 18:39	WG2484692
Naphthalene	U	C3	0.00100	0.00500	1	04/07/2025 18:39	WG2484692
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 18:39	WG2484692
Styrene	U	C3	0.000118	0.00100	1	04/07/2025 18:39	WG2484692
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 18:39	WG2484692
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 18:39	WG2484692
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 18:39	WG2484692
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 18:39	WG2484692
Toluene	U		0.000278	0.00100	1	04/07/2025 18:39	WG2484692
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 18:39	WG2484692
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 18:39	WG2484692
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 18:39	WG2484692
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 18:39	WG2484692
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 18:39	WG2484692
Vinyl chloride	U		0.000234	0.00100	1	04/07/2025 18:39	WG2484692
o-Xylene	U		0.000174	0.00100	1	04/07/2025 18:39	WG2484692
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 18:39	WG2484692
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 18:39	WG2484692
(S) Toluene-d8	*101*			*80.0-120*		*04/07/2025 18:39*	WG2484692
(S) 4-Bromofluorobenzene	*91.5*			*77.0-126*		*04/07/2025 18:39*	WG2484692
(S) 1,2-Dichloroethane-d4	*92.1*			*70.0-130*		*04/07/2025 18:39*	WG2484692

KWD-14
Collected date/time: 04/02/25 12:05
L1842529

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.101		0.0605	0.100	1	04/09/2025 15:58	WG2485485
(S) o-Terphenyl	*72.1*			*52.0-156*		*04/09/2025 15:58*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5870		100	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1960		27.4	50.0	50	04/05/2025 13:51	WG2483241
Fluoride	U		3.80	7.50	50	04/05/2025 13:51	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 13:51	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 13:51	WG2483241
Sulfate	1740		31.8	250	50	04/05/2025 13:51	WG2483241

Sample Narrative:

L1842529-114 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0225		0.000120	0.00200	1	04/09/2025 21:40	WG2484521
Barium	0.0244		0.000500	0.00200	1	04/09/2025 21:40	WG2484521
Calcium	760		0.0925	1.00	1	04/09/2025 21:40	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 21:40	WG2484521
Iron	0.0576	J	0.0226	0.100	1	04/09/2025 21:40	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 21:40	WG2484521
Manganese	0.0319		0.000700	0.00500	1	04/09/2025 21:40	WG2484521
Potassium	5.87		0.0965	2.00	1	04/09/2025 21:40	WG2484521
Selenium	0.00370		0.000250	0.00200	1	04/09/2025 21:40	WG2484521
Sodium	961		0.142	2.00	1	04/09/2025 21:40	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0493	J	0.0314	0.100	1	04/09/2025 06:23	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/09/2025 06:23*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/07/2025 12:57	WG2484715
Benzene	U		0.0000941	0.00100	1	04/07/2025 12:57	WG2484715
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 12:57	WG2484715
Bromoform	U		0.000129	0.00100	1	04/07/2025 12:57	WG2484715
Bromomethane	U	C3	0.000605	0.00500	1	04/07/2025 12:57	WG2484715
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 12:57	WG2484715
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 12:57	WG2484715
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 12:57	WG2484715
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 12:57	WG2484715
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 12:57	WG2484715
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 12:57	WG2484715
Chloroethane	U	C3	0.000192	0.00500	1	04/07/2025 12:57	WG2484715
Chloroform	U		0.000111	0.00500	1	04/07/2025 12:57	WG2484715
Chloromethane	U	C3	0.000960	0.00250	1	04/07/2025 12:57	WG2484715
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 12:57	WG2484715
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 12:57	WG2484715

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 12:57	WG2484715
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 12:57	WG2484715
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 12:57	WG2484715
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 12:57	WG2484715
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 12:57	WG2484715
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 12:57	WG2484715
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 12:57	WG2484715
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 12:57	WG2484715
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 12:57	WG2484715
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 12:57	WG2484715
2-Butanone (MEK)	U		0.00119	0.0100	1	04/07/2025 12:57	WG2484715
2-Hexanone	U		0.000787	0.0100	1	04/07/2025 12:57	WG2484715
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 12:57	WG2484715
4-Methyl-2-pentanone (MIBK)	U	J4	0.000478	0.0100	1	04/07/2025 12:57	WG2484715
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 12:57	WG2484715
Naphthalene	U		0.00100	0.00500	1	04/07/2025 12:57	WG2484715
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 12:57	WG2484715
Styrene	U		0.000118	0.00100	1	04/07/2025 12:57	WG2484715
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 12:57	WG2484715
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 12:57	WG2484715
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 12:57	WG2484715
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 12:57	WG2484715
Toluene	U		0.000278	0.00100	1	04/07/2025 12:57	WG2484715
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 12:57	WG2484715
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 12:57	WG2484715
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 12:57	WG2484715
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 12:57	WG2484715
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 12:57	WG2484715
Vinyl chloride	U	C3	0.000234	0.00100	1	04/07/2025 12:57	WG2484715
o-Xylene	U		0.000174	0.00100	1	04/07/2025 12:57	WG2484715
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 12:57	WG2484715
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 12:57	WG2484715
(S) Toluene-d8	*106*			*80.0-120*		*04/07/2025 12:57*	WG2484715
(S) 4-Bromofluorobenzene	*87.8*			*77.0-126*		*04/07/2025 12:57*	WG2484715
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/07/2025 12:57*	WG2484715

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.502		0.0605	0.100	1	04/09/2025 16:18	WG2485485
(S) o-Terphenyl	*77.9*			*52.0-156*		*04/09/2025 16:18*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	16200		400	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	6560		274	500	500	04/05/2025 19:37	WG2483241
Fluoride	U		3.80	7.50	50	04/05/2025 14:04	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 14:04	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 14:04	WG2483241
Sulfate	4600		31.8	250	50	04/05/2025 14:04	WG2483241

Sample Narrative:

L1842529-115 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00455		0.000120	0.00200	1	04/09/2025 18:53	WG2484521
Barium	0.0153		0.000500	0.00200	1	04/09/2025 18:53	WG2484521
Calcium	751	V	0.462	5.00	5	04/09/2025 19:35	WG2484521
Chromium	0.00157	J	0.000900	0.00200	1	04/09/2025 18:53	WG2484521
Iron	0.939		0.0226	0.100	1	04/09/2025 18:53	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 18:53	WG2484521
Manganese	0.120		0.000700	0.00500	1	04/09/2025 18:53	WG2484521
Potassium	28.9		0.0965	2.00	1	04/09/2025 18:53	WG2484521
Selenium	0.00448		0.000250	0.00200	1	04/09/2025 18:53	WG2484521
Sodium	3800	V	0.710	10.0	5	04/09/2025 19:35	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 06:45	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*99.9*			*78.0-120*		*04/09/2025 06:45*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/07/2025 13:16	WG2484715
Benzene	U		0.0000941	0.00100	1	04/07/2025 13:16	WG2484715
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 13:16	WG2484715
Bromoform	U		0.000129	0.00100	1	04/07/2025 13:16	WG2484715
Bromomethane	U	C3	0.000605	0.00500	1	04/07/2025 13:16	WG2484715
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 13:16	WG2484715
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 13:16	WG2484715
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 13:16	WG2484715
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 13:16	WG2484715
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 13:16	WG2484715
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 13:16	WG2484715
Chloroethane	U	C3	0.000192	0.00500	1	04/07/2025 13:16	WG2484715
Chloroform	U		0.000111	0.00500	1	04/07/2025 13:16	WG2484715
Chloromethane	U	C3	0.000960	0.00250	1	04/07/2025 13:16	WG2484715
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 13:16	WG2484715
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 13:16	WG2484715

MW-67
Collected date/time: 04/02/25 08:25
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 13:16	WG2484715
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 13:16	WG2484715
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 13:16	WG2484715
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 13:16	WG2484715
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 13:16	WG2484715
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 13:16	WG2484715
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 13:16	WG2484715
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 13:16	WG2484715
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 13:16	WG2484715
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 13:16	WG2484715
2-Butanone (MEK)	U		0.00119	0.0100	1	04/07/2025 13:16	WG2484715
2-Hexanone	U		0.000787	0.0100	1	04/07/2025 13:16	WG2484715
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 13:16	WG2484715
4-Methyl-2-pentanone (MIBK)	U	J4	0.000478	0.0100	1	04/07/2025 13:16	WG2484715
Methyl tert-butyl ether	0.000560	J	0.000101	0.00100	1	04/07/2025 13:16	WG2484715
Naphthalene	U		0.00100	0.00500	1	04/07/2025 13:16	WG2484715
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 13:16	WG2484715
Styrene	U		0.000118	0.00100	1	04/07/2025 13:16	WG2484715
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 13:16	WG2484715
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 13:16	WG2484715
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 13:16	WG2484715
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 13:16	WG2484715
Toluene	U		0.000278	0.00100	1	04/07/2025 13:16	WG2484715
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 13:16	WG2484715
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 13:16	WG2484715
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 13:16	WG2484715
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 13:16	WG2484715
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 13:16	WG2484715
Vinyl chloride	U	C3	0.000234	0.00100	1	04/07/2025 13:16	WG2484715
o-Xylene	U		0.000174	0.00100	1	04/07/2025 13:16	WG2484715
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 13:16	WG2484715
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 13:16	WG2484715
(S) Toluene-d8	*110*			*80.0-120*		*04/07/2025 13:16*	WG2484715
(S) 4-Bromofluorobenzene	*87.7*			*77.0-126*		*04/07/2025 13:16*	WG2484715
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*04/07/2025 13:16*	WG2484715

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.215		0.0605	0.100	1	04/09/2025 16:39	WG2485485
(S) o-Terphenyl	*74.7*			*52.0-156*		*04/09/2025 16:39*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	21800		400	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	8100		274	500	500	04/05/2025 19:50	WG2483241
Fluoride	U		3.80	7.50	50	04/05/2025 14:18	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 14:18	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 14:18	WG2483241
Sulfate	6260		318	2500	500	04/05/2025 19:50	WG2483241

Sample Narrative:

L1842529-116 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	2.37		0.0232	0.200	1	04/09/2025 09:24	WG2484497

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00348	J	0.000600	0.0100	5	04/09/2025 20:57	WG2484521
Barium	0.0169		0.00250	0.0100	5	04/09/2025 20:57	WG2484521
Calcium	704		0.462	5.00	5	04/09/2025 20:57	WG2484521
Chromium	U		0.00450	0.0100	5	04/09/2025 20:57	WG2484521
Iron	0.251	J	0.113	0.500	5	04/09/2025 20:57	WG2484521
Lead	U		0.00250	0.0100	5	04/09/2025 20:57	WG2484521
Manganese	1.63		0.00350	0.0250	5	04/09/2025 20:57	WG2484521
Potassium	51.4		0.482	10.0	5	04/09/2025 20:57	WG2484521
Selenium	U		0.00125	0.0100	5	04/09/2025 20:57	WG2484521
Sodium	4600		0.710	10.0	5	04/10/2025 13:59	WG2484521
Uranium	0.0313		0.000650	0.00500	5	04/09/2025 20:57	WG2484521

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/07/2025 13:36	WG2484715
Benzene	U		0.0000941	0.00100	1	04/07/2025 13:36	WG2484715
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 13:36	WG2484715
Bromoform	U		0.000129	0.00100	1	04/07/2025 13:36	WG2484715
Bromomethane	U	C3	0.000605	0.00500	1	04/07/2025 13:36	WG2484715
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 13:36	WG2484715
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 13:36	WG2484715
Carbon disulfide	0.000147	C3 J	0.0000962	0.00100	1	04/07/2025 13:36	WG2484715
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 13:36	WG2484715
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 13:36	WG2484715
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 13:36	WG2484715
Chloroethane	U	C3	0.000192	0.00500	1	04/07/2025 13:36	WG2484715
Chloroform	U		0.000111	0.00500	1	04/07/2025 13:36	WG2484715
Chloromethane	U	C3	0.000960	0.00250	1	04/07/2025 13:36	WG2484715
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 13:36	WG2484715
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 13:36	WG2484715
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 13:36	WG2484715

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 13:36	WG2484715
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 13:36	WG2484715
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 13:36	WG2484715
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 13:36	WG2484715
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 13:36	WG2484715
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 13:36	WG2484715
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 13:36	WG2484715
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 13:36	WG2484715
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 13:36	WG2484715
2-Butanone (MEK)	U		0.00119	0.0100	1	04/07/2025 13:36	WG2484715
2-Hexanone	U		0.000787	0.0100	1	04/07/2025 13:36	WG2484715
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 13:36	WG2484715
4-Methyl-2-pentanone (MIBK)	U	J4	0.000478	0.0100	1	04/07/2025 13:36	WG2484715
Methyl tert-butyl ether	0.000503	J	0.000101	0.00100	1	04/07/2025 13:36	WG2484715
Naphthalene	U		0.00100	0.00500	1	04/07/2025 13:36	WG2484715
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 13:36	WG2484715
Styrene	U		0.000118	0.00100	1	04/07/2025 13:36	WG2484715
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 13:36	WG2484715
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 13:36	WG2484715
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 13:36	WG2484715
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 13:36	WG2484715
Toluene	U		0.000278	0.00100	1	04/07/2025 13:36	WG2484715
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 13:36	WG2484715
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 13:36	WG2484715
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 13:36	WG2484715
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 13:36	WG2484715
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 13:36	WG2484715
Vinyl chloride	U	C3	0.000234	0.00100	1	04/07/2025 13:36	WG2484715
o-Xylene	U		0.000174	0.00100	1	04/07/2025 13:36	WG2484715
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 13:36	WG2484715
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 13:36	WG2484715
(S) Toluene-d8	*110*			*80.0-120*		*04/07/2025 13:36*	WG2484715
(S) 4-Bromofluorobenzene	*89.3*			*77.0-126*		*04/07/2025 13:36*	WG2484715
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/07/2025 13:36*	WG2484715

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.283		0.0605	0.100	1	04/09/2025 16:59	WG2485485
(S) o-Terphenyl	*74.2*			*52.0-156*		*04/09/2025 16:59*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4190		100	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	903		5.47	10.0	10	04/05/2025 14:31	WG2483241
Fluoride	1.07	J	0.761	1.50	10	04/05/2025 14:31	WG2483241
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 14:31	WG2483241
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 14:31	WG2483241
Sulfate	1770		63.7	500	100	04/05/2025 20:02	WG2483241

Sample Narrative:

L1842529-117 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00877		0.000120	0.00200	1	04/09/2025 21:44	WG2484521
Barium	0.0124		0.000500	0.00200	1	04/09/2025 21:44	WG2484521
Calcium	604		0.0925	1.00	1	04/09/2025 21:44	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 21:44	WG2484521
Iron	0.0356	J	0.0226	0.100	1	04/09/2025 21:44	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 21:44	WG2484521
Manganese	1.14		0.000700	0.00500	1	04/09/2025 21:44	WG2484521
Potassium	6.49		0.0965	2.00	1	04/09/2025 21:44	WG2484521
Selenium	U		0.000250	0.00200	1	04/09/2025 21:44	WG2484521
Sodium	517		0.142	2.00	1	04/09/2025 21:44	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 07:06	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 07:06*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/07/2025 13:55	WG2484715
Benzene	U		0.0000941	0.00100	1	04/07/2025 13:55	WG2484715
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 13:55	WG2484715
Bromoform	U		0.000129	0.00100	1	04/07/2025 13:55	WG2484715
Bromomethane	U	C3	0.000605	0.00500	1	04/07/2025 13:55	WG2484715
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 13:55	WG2484715
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 13:55	WG2484715
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 13:55	WG2484715
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 13:55	WG2484715
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 13:55	WG2484715
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 13:55	WG2484715
Chloroethane	U	C3	0.000192	0.00500	1	04/07/2025 13:55	WG2484715
Chloroform	U		0.000111	0.00500	1	04/07/2025 13:55	WG2484715
Chloromethane	U	C3	0.000960	0.00250	1	04/07/2025 13:55	WG2484715
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 13:55	WG2484715
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 13:55	WG2484715

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 13:55	WG2484715
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 13:55	WG2484715
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 13:55	WG2484715
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 13:55	WG2484715
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 13:55	WG2484715
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 13:55	WG2484715
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 13:55	WG2484715
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 13:55	WG2484715
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 13:55	WG2484715
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 13:55	WG2484715
2-Butanone (MEK)	U		0.00119	0.0100	1	04/07/2025 13:55	WG2484715
2-Hexanone	U		0.000787	0.0100	1	04/07/2025 13:55	WG2484715
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 13:55	WG2484715
4-Methyl-2-pentanone (MIBK)	U	J4	0.000478	0.0100	1	04/07/2025 13:55	WG2484715
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 13:55	WG2484715
Naphthalene	U		0.00100	0.00500	1	04/07/2025 13:55	WG2484715
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 13:55	WG2484715
Styrene	U		0.000118	0.00100	1	04/07/2025 13:55	WG2484715
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 13:55	WG2484715
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 13:55	WG2484715
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 13:55	WG2484715
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 13:55	WG2484715
Toluene	U		0.000278	0.00100	1	04/07/2025 13:55	WG2484715
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 13:55	WG2484715
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 13:55	WG2484715
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 13:55	WG2484715
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 13:55	WG2484715
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 13:55	WG2484715
Vinyl chloride	U	C3	0.000234	0.00100	1	04/07/2025 13:55	WG2484715
o-Xylene	U		0.000174	0.00100	1	04/07/2025 13:55	WG2484715
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 13:55	WG2484715
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 13:55	WG2484715
(S) Toluene-d8	*100*			*80.0-120*		*04/07/2025 13:55*	WG2484715
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*		*04/07/2025 13:55*	WG2484715
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*04/07/2025 13:55*	WG2484715

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.180		0.0605	0.100	1	04/09/2025 17:19	WG2485485
(S) o-Terphenyl	*76.3*			*52.0-156*		*04/09/2025 17:19*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5850		100	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1390		54.7	100	100	04/05/2025 20:15	WG2483241
Fluoride	1.18	J	0.761	1.50	10	04/05/2025 14:45	WG2483241
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 14:45	WG2483241
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 14:45	WG2483241
Sulfate	2250		63.7	500	100	04/05/2025 20:15	WG2483241

Sample Narrative:

L1842529-118 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0175		0.000120	0.00200	1	04/09/2025 21:47	WG2484521
Barium	0.0171		0.000500	0.00200	1	04/09/2025 21:47	WG2484521
Calcium	719		0.0925	1.00	1	04/09/2025 21:47	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 21:47	WG2484521
Iron	3.18		0.0226	0.100	1	04/09/2025 21:47	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 21:47	WG2484521
Manganese	0.424		0.000700	0.00500	1	04/09/2025 21:47	WG2484521
Potassium	5.75		0.0965	2.00	1	04/09/2025 21:47	WG2484521
Selenium	0.000349	J	0.000250	0.00200	1	04/09/2025 21:47	WG2484521
Sodium	926		0.142	2.00	1	04/09/2025 21:47	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.989		0.0314	0.100	1	04/09/2025 07:27	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/09/2025 07:27*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/07/2025 14:14	WG2484715
Benzene	U		0.0000941	0.00100	1	04/07/2025 14:14	WG2484715
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 14:14	WG2484715
Bromoform	U		0.000129	0.00100	1	04/07/2025 14:14	WG2484715
Bromomethane	U	C3	0.000605	0.00500	1	04/07/2025 14:14	WG2484715
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 14:14	WG2484715
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 14:14	WG2484715
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 14:14	WG2484715
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 14:14	WG2484715
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 14:14	WG2484715
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 14:14	WG2484715
Chloroethane	U	C3	0.000192	0.00500	1	04/07/2025 14:14	WG2484715
Chloroform	U		0.000111	0.00500	1	04/07/2025 14:14	WG2484715
Chloromethane	U	C3	0.000960	0.00250	1	04/07/2025 14:14	WG2484715
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 14:14	WG2484715
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 14:14	WG2484715

MW - 70
Collected date/time: 04/02/25 10:30
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 14:14	WG2484715
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 14:14	WG2484715
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 14:14	WG2484715
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 14:14	WG2484715
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 14:14	WG2484715
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 14:14	WG2484715
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 14:14	WG2484715
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 14:14	WG2484715
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 14:14	WG2484715
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 14:14	WG2484715
2-Butanone (MEK)	U		0.00119	0.0100	1	04/07/2025 14:14	WG2484715
2-Hexanone	U		0.000787	0.0100	1	04/07/2025 14:14	WG2484715
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 14:14	WG2484715
4-Methyl-2-pentanone (MIBK)	U	J4	0.000478	0.0100	1	04/07/2025 14:14	WG2484715
Methyl tert-butyl ether	0.000126	J	0.000101	0.00100	1	04/07/2025 14:14	WG2484715
Naphthalene	U		0.00100	0.00500	1	04/07/2025 14:14	WG2484715
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 14:14	WG2484715
Styrene	U		0.000118	0.00100	1	04/07/2025 14:14	WG2484715
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 14:14	WG2484715
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 14:14	WG2484715
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 14:14	WG2484715
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 14:14	WG2484715
Toluene	U		0.000278	0.00100	1	04/07/2025 14:14	WG2484715
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 14:14	WG2484715
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 14:14	WG2484715
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 14:14	WG2484715
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 14:14	WG2484715
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 14:14	WG2484715
Vinyl chloride	U	C3	0.000234	0.00100	1	04/07/2025 14:14	WG2484715
o-Xylene	U		0.000174	0.00100	1	04/07/2025 14:14	WG2484715
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 14:14	WG2484715
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 14:14	WG2484715
(S) Toluene-d8	*108*			*80.0-120*		*04/07/2025 14:14*	WG2484715
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*04/07/2025 14:14*	WG2484715
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/07/2025 14:14*	WG2484715

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.669		0.0605	0.100	1	04/09/2025 17:40	WG2485485
(S) o-Terphenyl	*74.2*			*52.0-156*		*04/09/2025 17:40*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	10400		200	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3300		27.4	50.0	50	04/05/2025 14:58	WG2483241
Fluoride	U		3.80	7.50	50	04/05/2025 14:58	WG2483241
Nitrate as (N)	U	T8	4.42	5.00	50	04/05/2025 14:58	WG2483241
Nitrite as (N)	U	T8	3.97	5.00	50	04/05/2025 14:58	WG2483241
Sulfate	3820		31.8	250	50	04/05/2025 14:58	WG2483241

Sample Narrative:

L1842529-119 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00116	J	0.000600	0.0100	5	04/09/2025 21:07	WG2484521
Barium	0.0171		0.00250	0.0100	5	04/09/2025 21:07	WG2484521
Calcium	791		0.462	5.00	5	04/09/2025 21:07	WG2484521
Chromium	U		0.00450	0.0100	5	04/09/2025 21:07	WG2484521
Iron	0.978		0.113	0.500	5	04/09/2025 21:07	WG2484521
Lead	U		0.00250	0.0100	5	04/09/2025 21:07	WG2484521
Manganese	0.727		0.00350	0.0250	5	04/09/2025 21:07	WG2484521
Potassium	7.26	J	0.482	10.0	5	04/09/2025 21:07	WG2484521
Selenium	U		0.00125	0.0100	5	04/09/2025 21:07	WG2484521
Sodium	1920		0.710	10.0	5	04/09/2025 21:07	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 07:48	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/09/2025 07:48*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/07/2025 14:33	WG2484715
Benzene	U		0.0000941	0.00100	1	04/07/2025 14:33	WG2484715
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 14:33	WG2484715
Bromoform	U		0.000129	0.00100	1	04/07/2025 14:33	WG2484715
Bromomethane	U	C3	0.000605	0.00500	1	04/07/2025 14:33	WG2484715
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 14:33	WG2484715
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 14:33	WG2484715
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 14:33	WG2484715
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 14:33	WG2484715
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 14:33	WG2484715
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 14:33	WG2484715
Chloroethane	U	C3	0.000192	0.00500	1	04/07/2025 14:33	WG2484715
Chloroform	U		0.000111	0.00500	1	04/07/2025 14:33	WG2484715
Chloromethane	U	C3	0.000960	0.00250	1	04/07/2025 14:33	WG2484715
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 14:33	WG2484715
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 14:33	WG2484715

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 14:33	WG2484715
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 14:33	WG2484715
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 14:33	WG2484715
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 14:33	WG2484715
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 14:33	WG2484715
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 14:33	WG2484715
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 14:33	WG2484715
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 14:33	WG2484715
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 14:33	WG2484715
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 14:33	WG2484715
2-Butanone (MEK)	U		0.00119	0.0100	1	04/07/2025 14:33	WG2484715
2-Hexanone	U		0.000787	0.0100	1	04/07/2025 14:33	WG2484715
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 14:33	WG2484715
4-Methyl-2-pentanone (MIBK)	U	J4	0.000478	0.0100	1	04/07/2025 14:33	WG2484715
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 14:33	WG2484715
Naphthalene	U		0.00100	0.00500	1	04/07/2025 14:33	WG2484715
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 14:33	WG2484715
Styrene	U		0.000118	0.00100	1	04/07/2025 14:33	WG2484715
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 14:33	WG2484715
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 14:33	WG2484715
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 14:33	WG2484715
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 14:33	WG2484715
Toluene	U		0.000278	0.00100	1	04/07/2025 14:33	WG2484715
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 14:33	WG2484715
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 14:33	WG2484715
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 14:33	WG2484715
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 14:33	WG2484715
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 14:33	WG2484715
Vinyl chloride	U	C3	0.000234	0.00100	1	04/07/2025 14:33	WG2484715
o-Xylene	U		0.000174	0.00100	1	04/07/2025 14:33	WG2484715
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 14:33	WG2484715
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 14:33	WG2484715
(S) Toluene-d8	*99.6*			*80.0-120*		*04/07/2025 14:33*	WG2484715
(S) 4-Bromofluorobenzene	*93.6*			*77.0-126*		*04/07/2025 14:33*	WG2484715
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/07/2025 14:33*	WG2484715

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0777	J	0.0605	0.100	1	04/09/2025 18:00	WG2485485
(S) o-Terphenyl	*73.2*			*52.0-156*		*04/09/2025 18:00*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1960		50.0	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	161		2.74	5.00	5	04/05/2025 15:11	WG2483241
Fluoride	1.68		0.380	0.750	5	04/05/2025 15:11	WG2483241
Nitrate as (N)	2.07	T8	0.442	0.500	5	04/05/2025 15:11	WG2483241
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 15:11	WG2483241
Sulfate	589		31.8	250	50	04/05/2025 20:41	WG2483241

Sample Narrative:

L1842529-120 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.710		0.0232	0.200	1	04/09/2025 09:32	WG2484497

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00412		0.000120	0.00200	1	04/09/2025 21:50	WG2484521
Barium	0.0132		0.000500	0.00200	1	04/09/2025 21:50	WG2484521
Calcium	155		0.0925	1.00	1	04/09/2025 21:50	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 21:50	WG2484521
Iron	U		0.0226	0.100	1	04/09/2025 21:50	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 21:50	WG2484521
Manganese	0.0607		0.000700	0.00500	1	04/09/2025 21:50	WG2484521
Potassium	0.287	J	0.0965	2.00	1	04/09/2025 21:50	WG2484521
Selenium	0.00197	J	0.000250	0.00200	1	04/09/2025 21:50	WG2484521
Sodium	281		0.142	2.00	1	04/09/2025 21:50	WG2484521
Uranium	0.00913		0.000130	0.00100	1	04/09/2025 21:50	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 08:09	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 08:09*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/07/2025 15:12	WG2484715
Benzene	U		0.0000941	0.00100	1	04/07/2025 15:12	WG2484715
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 15:12	WG2484715
Bromoform	U		0.000129	0.00100	1	04/07/2025 15:12	WG2484715
Bromomethane	U	C3	0.000605	0.00500	1	04/07/2025 15:12	WG2484715
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 15:12	WG2484715
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 15:12	WG2484715
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 15:12	WG2484715
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 15:12	WG2484715
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 15:12	WG2484715

MW-32
Collected date/time: 04/02/25 12:15
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 15:12	WG2484715
Chloroethane	U	C3	0.000192	0.00500	1	04/07/2025 15:12	WG2484715
Chloroform	U		0.000111	0.00500	1	04/07/2025 15:12	WG2484715
Chloromethane	U	C3	0.000960	0.00250	1	04/07/2025 15:12	WG2484715
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 15:12	WG2484715
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 15:12	WG2484715
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 15:12	WG2484715
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 15:12	WG2484715
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 15:12	WG2484715
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 15:12	WG2484715
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 15:12	WG2484715
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 15:12	WG2484715
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 15:12	WG2484715
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 15:12	WG2484715
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 15:12	WG2484715
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 15:12	WG2484715
2-Butanone (MEK)	U		0.00119	0.0100	1	04/07/2025 15:12	WG2484715
2-Hexanone	U		0.000787	0.0100	1	04/07/2025 15:12	WG2484715
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 15:12	WG2484715
4-Methyl-2-pentanone (MIBK)	U	J4	0.000478	0.0100	1	04/07/2025 15:12	WG2484715
Methyl tert-butyl ether	0.000295	J	0.000101	0.00100	1	04/07/2025 15:12	WG2484715
Naphthalene	U		0.00100	0.00500	1	04/07/2025 15:12	WG2484715
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 15:12	WG2484715
Styrene	U		0.000118	0.00100	1	04/07/2025 15:12	WG2484715
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 15:12	WG2484715
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 15:12	WG2484715
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 15:12	WG2484715
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 15:12	WG2484715
Toluene	U		0.000278	0.00100	1	04/07/2025 15:12	WG2484715
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 15:12	WG2484715
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 15:12	WG2484715
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 15:12	WG2484715
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 15:12	WG2484715
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 15:12	WG2484715
Vinyl chloride	U	C3	0.000234	0.00100	1	04/07/2025 15:12	WG2484715
o-Xylene	U		0.000174	0.00100	1	04/07/2025 15:12	WG2484715
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 15:12	WG2484715
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 15:12	WG2484715
(S) Toluene-d8	*102*			*80.0-120*		*04/07/2025 15:12*	WG2484715
(S) 4-Bromofluorobenzene	*94.9*			*77.0-126*		*04/07/2025 15:12*	WG2484715
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/07/2025 15:12*	WG2484715

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.447		0.0605	0.100	1	04/09/2025 18:20	WG2485485
(S) o-Terphenyl	*75.3*			*52.0-156*		*04/09/2025 18:20*	WG2485485

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1680		50.0	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	199		2.74	5.00	5	04/05/2025 20:54	WG2483241
Fluoride	1.73		0.0761	0.150	1	04/05/2025 15:25	WG2483241
Nitrate as (N)	U	T8	0.0884	0.100	1	04/05/2025 15:25	WG2483241
Nitrite as (N)	U	T8	0.0794	0.100	1	04/05/2025 15:25	WG2483241
Sulfate	230		3.18	25.0	5	04/05/2025 20:54	WG2483241

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00340		0.000120	0.00200	1	04/09/2025 21:53	WG2484521
Barium	0.224		0.000500	0.00200	1	04/09/2025 21:53	WG2484521
Calcium	60.6		0.0925	1.00	1	04/09/2025 21:53	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 21:53	WG2484521
Iron	0.0622	J	0.0226	0.100	1	04/09/2025 21:53	WG2484521
Lead	U		0.000500	0.00200	1	04/09/2025 21:53	WG2484521
Manganese	0.121		0.000700	0.00500	1	04/09/2025 21:53	WG2484521
Potassium	0.635	J	0.0965	2.00	1	04/09/2025 21:53	WG2484521
Selenium	0.000348	J	0.000250	0.00200	1	04/09/2025 21:53	WG2484521
Sodium	474		0.142	2.00	1	04/09/2025 21:53	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	2.29		0.314	1.00	10	04/09/2025 08:30	WG2485875
(S) a,a,a-Trifluorotoluene(FID)	*99.1*			*78.0-120*		*04/09/2025 08:30*	WG2485875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.282	1.25	25	04/10/2025 02:32	WG2486750
Benzene	0.916		0.00235	0.0250	25	04/10/2025 02:32	WG2486750
Bromodichloromethane	U		0.00340	0.0250	25	04/10/2025 02:32	WG2486750
Bromoform	U		0.00322	0.0250	25	04/10/2025 02:32	WG2486750
Bromomethane	U	C3	0.0151	0.125	25	04/10/2025 02:32	WG2486750
n-Butylbenzene	U		0.00393	0.0250	25	04/10/2025 02:32	WG2486750
sec-Butylbenzene	0.00597	J	0.00313	0.0250	25	04/10/2025 02:32	WG2486750
Carbon disulfide	U		0.00241	0.0250	25	04/10/2025 02:32	WG2486750
Carbon tetrachloride	U		0.00320	0.0250	25	04/10/2025 02:32	WG2486750
Chlorobenzene	U		0.00290	0.0250	25	04/10/2025 02:32	WG2486750
Chlorodibromomethane	U		0.00350	0.0250	25	04/10/2025 02:32	WG2486750
Chloroethane	U		0.00480	0.125	25	04/10/2025 02:32	WG2486750
Chloroform	U		0.00278	0.125	25	04/10/2025 02:32	WG2486750
Chloromethane	U		0.0240	0.0625	25	04/10/2025 02:32	WG2486750
1,2-Dibromoethane	U		0.00315	0.0250	25	04/10/2025 02:32	WG2486750
1,1-Dichloroethane	U		0.00250	0.0250	25	04/10/2025 02:32	WG2486750
1,2-Dichloroethane	U		0.00205	0.0250	25	04/10/2025 02:32	WG2486750
1,1-Dichloroethene	U		0.00470	0.0250	25	04/10/2025 02:32	WG2486750
cis-1,2-Dichloroethene	U		0.00315	0.0250	25	04/10/2025 02:32	WG2486750

MW-109
Collected date/time: 04/02/25 10:50
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.00373	0.0250	25	04/10/2025 02:32	WG2486750
1,2-Dichloropropane	U		0.00373	0.0250	25	04/10/2025 02:32	WG2486750
cis-1,3-Dichloropropene	U		0.00278	0.0250	25	04/10/2025 02:32	WG2486750
trans-1,3-Dichloropropene	U		0.00295	0.0250	25	04/10/2025 02:32	WG2486750
Ethylbenzene	0.00642	J	0.00343	0.0250	25	04/10/2025 02:32	WG2486750
Isopropylbenzene	0.0569		0.00263	0.0250	25	04/10/2025 02:32	WG2486750
p-Isopropyltoluene	U		0.00300	0.0250	25	04/10/2025 02:32	WG2486750
2-Butanone (MEK)	U		0.0298	0.250	25	04/10/2025 02:32	WG2486750
2-Hexanone	U		0.0197	0.250	25	04/10/2025 02:32	WG2486750
Methylene Chloride	U		0.0107	0.125	25	04/10/2025 02:32	WG2486750
4-Methyl-2-pentanone (MIBK)	U		0.0120	0.250	25	04/10/2025 02:32	WG2486750
Methyl tert-butyl ether	U		0.00253	0.0250	25	04/10/2025 02:32	WG2486750
Naphthalene	0.0967	B J	0.0250	0.125	25	04/10/2025 02:32	WG2486750
n-Propylbenzene	0.0492		0.00248	0.0250	25	04/10/2025 02:32	WG2486750
Styrene	U		0.00295	0.0250	25	04/10/2025 02:32	WG2486750
tert-Butyl alcohol	U		0.102	0.125	25	04/10/2025 02:32	WG2486750
1,1,1,2-Tetrachloroethane	U		0.00368	0.0250	25	04/10/2025 02:32	WG2486750
1,1,2,2-Tetrachloroethane	U		0.00333	0.0250	25	04/10/2025 02:32	WG2486750
Tetrachloroethene	U		0.00750	0.0250	25	04/10/2025 02:32	WG2486750
Toluene	0.0100	J	0.00695	0.0250	25	04/10/2025 02:32	WG2486750
1,1,1-Trichloroethane	U		0.00373	0.0250	25	04/10/2025 02:32	WG2486750
1,1,2-Trichloroethane	U		0.00395	0.0250	25	04/10/2025 02:32	WG2486750
Trichloroethene	U		0.00475	0.0250	25	04/10/2025 02:32	WG2486750
1,2,4-Trimethylbenzene	U		0.00805	0.0250	25	04/10/2025 02:32	WG2486750
1,3,5-Trimethylbenzene	U		0.00260	0.0250	25	04/10/2025 02:32	WG2486750
Vinyl chloride	U		0.00585	0.0250	25	04/10/2025 02:32	WG2486750
o-Xylene	U		0.00435	0.0250	25	04/10/2025 02:32	WG2486750
m&p-Xylene	U		0.0107	0.0500	25	04/10/2025 02:32	WG2486750
Xylenes, Total	U		0.00435	0.0750	25	04/10/2025 02:32	WG2486750
(S) Toluene-d8	*105*			*80.0-120*		*04/10/2025 02:32*	WG2486750
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/10/2025 02:32*	WG2486750
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*04/10/2025 02:32*	WG2486750

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.18		0.0605	0.100	1	04/13/2025 14:37	WG2485489
(S) o-Terphenyl	*107*			*52.0-156*		*04/13/2025 14:37*	WG2485489

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1260		20.0	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	51.4		2.74	5.00	5	04/05/2025 16:03	WG2483241
Fluoride	1.18		0.380	0.750	5	04/05/2025 16:03	WG2483241
Nitrate as (N)	U	T8	0.442	0.500	5	04/05/2025 16:03	WG2483241
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 16:03	WG2483241
Sulfate	442		31.8	250	50	04/05/2025 21:19	WG2483241

Sample Narrative:

L1842529-122 WG2483241: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0472		0.000120	0.00200	1	04/09/2025 21:56	WG2484521
Barium	0.0489		0.000500	0.00200	1	04/09/2025 21:56	WG2484521
Calcium	118		0.0925	1.00	1	04/09/2025 21:56	WG2484521
Chromium	U		0.000900	0.00200	1	04/09/2025 21:56	WG2484521
Iron	1.35		0.0226	0.100	1	04/09/2025 21:56	WG2484521
Lead	0.000946	J	0.000500	0.00200	1	04/09/2025 21:56	WG2484521
Manganese	2.47		0.000700	0.00500	1	04/09/2025 21:56	WG2484521
Potassium	0.131	J	0.0965	2.00	1	04/09/2025 21:56	WG2484521
Selenium	U		0.000250	0.00200	1	04/09/2025 21:56	WG2484521
Sodium	186		0.142	2.00	1	04/09/2025 21:56	WG2484521

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.458		0.0314	0.100	1	04/09/2025 02:07	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*91.1*			*78.0-120*		*04/09/2025 02:07*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/07/2025 15:31	WG2484715
Benzene	0.000637	J	0.0000941	0.00100	1	04/07/2025 15:31	WG2484715
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 15:31	WG2484715
Bromoform	U		0.000129	0.00100	1	04/07/2025 15:31	WG2484715
Bromomethane	U	C3	0.000605	0.00500	1	04/07/2025 15:31	WG2484715
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 15:31	WG2484715
sec-Butylbenzene	0.00154		0.000125	0.00100	1	04/07/2025 15:31	WG2484715
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 15:31	WG2484715
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 15:31	WG2484715
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 15:31	WG2484715
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 15:31	WG2484715
Chloroethane	U	C3	0.000192	0.00500	1	04/07/2025 15:31	WG2484715
Chloroform	U		0.000111	0.00500	1	04/07/2025 15:31	WG2484715
Chloromethane	U	C3	0.000960	0.00250	1	04/07/2025 15:31	WG2484715
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 15:31	WG2484715
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 15:31	WG2484715

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 15:31	WG2484715
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 15:31	WG2484715
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 15:31	WG2484715
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 15:31	WG2484715
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 15:31	WG2484715
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 15:31	WG2484715
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 15:31	WG2484715
Ethylbenzene	0.000168	J	0.000137	0.00100	1	04/07/2025 15:31	WG2484715
Isopropylbenzene	0.00340		0.000105	0.00100	1	04/07/2025 15:31	WG2484715
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 15:31	WG2484715
2-Butanone (MEK)	U		0.00119	0.0100	1	04/07/2025 15:31	WG2484715
2-Hexanone	U		0.000787	0.0100	1	04/07/2025 15:31	WG2484715
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 15:31	WG2484715
4-Methyl-2-pentanone (MIBK)	U	J4	0.000478	0.0100	1	04/07/2025 15:31	WG2484715
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 15:31	WG2484715
Naphthalene	U		0.00100	0.00500	1	04/07/2025 15:31	WG2484715
n-Propylbenzene	0.000559	J	0.0000993	0.00100	1	04/07/2025 15:31	WG2484715
Styrene	U		0.000118	0.00100	1	04/07/2025 15:31	WG2484715
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 15:31	WG2484715
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 15:31	WG2484715
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 15:31	WG2484715
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 15:31	WG2484715
Toluene	U		0.000278	0.00100	1	04/07/2025 15:31	WG2484715
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 15:31	WG2484715
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 15:31	WG2484715
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 15:31	WG2484715
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 15:31	WG2484715
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 15:31	WG2484715
Vinyl chloride	U	C3	0.000234	0.00100	1	04/07/2025 15:31	WG2484715
o-Xylene	U		0.000174	0.00100	1	04/07/2025 15:31	WG2484715
m&p-Xylene	0.000496	J	0.000430	0.00200	1	04/07/2025 15:31	WG2484715
Xylenes, Total	0.000496	J	0.000174	0.00300	1	04/07/2025 15:31	WG2484715
(S) Toluene-d8	*83.9*			*80.0-120*		*04/07/2025 15:31*	WG2484715
(S) 4-Bromofluorobenzene	*86.1*			*77.0-126*		*04/07/2025 15:31*	WG2484715
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/07/2025 15:31*	WG2484715

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.981		0.0605	0.100	1	04/13/2025 15:57	WG2485489
(S) o-Terphenyl	*114*			*52.0-156*		*04/13/2025 15:57*	WG2485489

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3000		50.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	226		5.47	10.0	10	04/05/2025 02:36	WG2483246
Fluoride	U		0.761	1.50	10	04/05/2025 02:36	WG2483246
Nitrate as (N)	9.97	T8	0.884	1.00	10	04/05/2025 02:36	WG2483246
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 02:36	WG2483246
Sulfate	1390		63.7	500	100	04/05/2025 02:49	WG2483246

Sample Narrative:

L1842529-123 WG2483246: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.626		0.0232	0.200	1	04/09/2025 09:34	WG2484497
Boron,Dissolved	0.658		0.0232	0.200	1	04/09/2025 17:03	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00302		0.000120	0.00200	1	04/10/2025 15:24	WG2484522
Arsenic,Dissolved	0.00315		0.000120	0.00200	1	04/10/2025 12:23	WG2484488
Barium	0.0121		0.000500	0.00200	1	04/10/2025 15:24	WG2484522
Calcium	469		0.0925	1.00	1	04/10/2025 15:24	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 15:24	WG2484522
Iron	U		0.0226	0.100	1	04/10/2025 15:24	WG2484522
Iron,Dissolved	U		0.0226	0.100	1	04/10/2025 12:23	WG2484488
Lead	U		0.000500	0.00200	1	04/10/2025 15:24	WG2484522
Manganese	0.0246		0.000700	0.00500	1	04/10/2025 15:24	WG2484522
Manganese,Dissolved	0.0194		0.000700	0.00500	1	04/10/2025 12:23	WG2484488
Potassium	6.50		0.0965	2.00	1	04/10/2025 15:24	WG2484522
Selenium	0.00596		0.000250	0.00200	1	04/10/2025 15:24	WG2484522
Sodium	201		0.142	2.00	1	04/10/2025 15:24	WG2484522
Uranium	0.0360		0.000130	0.00100	1	04/10/2025 15:24	WG2484522
Uranium,Dissolved	0.0379		0.000130	0.00100	1	04/10/2025 12:23	WG2484488

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2990		50.0	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	135		5.47	10.0	10	04/05/2025 03:03	WG2483246
Fluoride	U		0.761	1.50	10	04/05/2025 03:03	WG2483246
Nitrate as (N)	2.60	T8	0.884	1.00	10	04/05/2025 03:03	WG2483246
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 03:03	WG2483246
Sulfate	1550		63.7	500	100	04/05/2025 03:16	WG2483246

Sample Narrative:

L1842529-124 WG2483246: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.212		0.0232	0.200	1	04/09/2025 09:36	WG2484497
Boron,Dissolved	0.218		0.0232	0.200	1	04/09/2025 17:06	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00195	J	0.000120	0.00200	1	04/10/2025 15:28	WG2484522
Arsenic,Dissolved	0.00194	J	0.000120	0.00200	1	04/10/2025 12:26	WG2484488
Barium	0.00944		0.000500	0.00200	1	04/10/2025 15:28	WG2484522
Calcium	546		0.0925	1.00	1	04/10/2025 15:28	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 15:28	WG2484522
Iron	0.0575	J	0.0226	0.100	1	04/10/2025 15:28	WG2484522
Iron,Dissolved	U		0.0226	0.100	1	04/10/2025 12:26	WG2484488
Lead	U		0.000500	0.00200	1	04/10/2025 15:28	WG2484522
Manganese	0.00983		0.000700	0.00500	1	04/10/2025 15:28	WG2484522
Manganese,Dissolved	0.00660		0.000700	0.00500	1	04/10/2025 12:26	WG2484488
Potassium	1.03	J	0.0965	2.00	1	04/10/2025 15:28	WG2484522
Selenium	0.00672		0.000250	0.00200	1	04/10/2025 15:28	WG2484522
Sodium	61.0		0.142	2.00	1	04/10/2025 15:28	WG2484522
Uranium	0.0243		0.000130	0.00100	1	04/10/2025 15:28	WG2484522
Uranium,Dissolved	0.0261		0.000130	0.00100	1	04/10/2025 12:26	WG2484488

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	04/05/2025 03:29	WG2483246
Fluoride	U		0.0761	0.150	1	04/05/2025 03:29	WG2483246
Nitrate as (N)	U	T8	0.0884	0.100	1	04/05/2025 03:29	WG2483246
Nitrite as (N)	U	T8	0.0794	0.100	1	04/05/2025 03:29	WG2483246
Sulfate	U		0.637	5.00	1	04/05/2025 03:29	WG2483246

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	04/10/2025 15:31	WG2484522
Barium	U		0.000500	0.00200	1	04/10/2025 15:31	WG2484522
Calcium	U		0.0925	1.00	1	04/10/2025 15:31	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 15:31	WG2484522
Iron	U		0.0226	0.100	1	04/10/2025 15:31	WG2484522
Lead	U		0.000500	0.00200	1	04/10/2025 15:31	WG2484522
Manganese	U		0.000700	0.00500	1	04/10/2025 15:31	WG2484522
Potassium	U		0.0965	2.00	1	04/10/2025 15:31	WG2484522
Selenium	U		0.000250	0.00200	1	04/10/2025 15:31	WG2484522
Sodium	U		0.142	2.00	1	04/10/2025 15:31	WG2484522

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0317	J	0.0314	0.100	1	04/09/2025 01:01	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*93.7*			*78.0-120*		*04/09/2025 01:01*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/07/2025 12:38	WG2484715
Benzene	U		0.0000941	0.00100	1	04/07/2025 12:38	WG2484715
Bromodichloromethane	U		0.000136	0.00100	1	04/07/2025 12:38	WG2484715
Bromoform	U		0.000129	0.00100	1	04/07/2025 12:38	WG2484715
Bromomethane	U	C3	0.000605	0.00500	1	04/07/2025 12:38	WG2484715
n-Butylbenzene	U		0.000157	0.00100	1	04/07/2025 12:38	WG2484715
sec-Butylbenzene	U		0.000125	0.00100	1	04/07/2025 12:38	WG2484715
Carbon disulfide	U	C3	0.0000962	0.00100	1	04/07/2025 12:38	WG2484715
Carbon tetrachloride	U		0.000128	0.00100	1	04/07/2025 12:38	WG2484715
Chlorobenzene	U		0.000116	0.00100	1	04/07/2025 12:38	WG2484715
Chlorodibromomethane	U		0.000140	0.00100	1	04/07/2025 12:38	WG2484715
Chloroethane	U	C3	0.000192	0.00500	1	04/07/2025 12:38	WG2484715
Chloroform	U		0.000111	0.00500	1	04/07/2025 12:38	WG2484715
Chloromethane	U	C3	0.000960	0.00250	1	04/07/2025 12:38	WG2484715
1,2-Dibromoethane	U		0.000126	0.00100	1	04/07/2025 12:38	WG2484715
1,1-Dichloroethane	U		0.000100	0.00100	1	04/07/2025 12:38	WG2484715
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/07/2025 12:38	WG2484715
1,1-Dichloroethene	U		0.000188	0.00100	1	04/07/2025 12:38	WG2484715
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/07/2025 12:38	WG2484715

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/07/2025 12:38	WG2484715
1,2-Dichloropropane	U		0.000149	0.00100	1	04/07/2025 12:38	WG2484715
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/07/2025 12:38	WG2484715
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/07/2025 12:38	WG2484715
Ethylbenzene	U		0.000137	0.00100	1	04/07/2025 12:38	WG2484715
Isopropylbenzene	U		0.000105	0.00100	1	04/07/2025 12:38	WG2484715
p-Isopropyltoluene	U		0.000120	0.00100	1	04/07/2025 12:38	WG2484715
2-Butanone (MEK)	U		0.00119	0.0100	1	04/07/2025 12:38	WG2484715
2-Hexanone	U		0.000787	0.0100	1	04/07/2025 12:38	WG2484715
Methylene Chloride	U		0.000430	0.00500	1	04/07/2025 12:38	WG2484715
4-Methyl-2-pentanone (MIBK)	U	J4	0.000478	0.0100	1	04/07/2025 12:38	WG2484715
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/07/2025 12:38	WG2484715
Naphthalene	U		0.00100	0.00500	1	04/07/2025 12:38	WG2484715
n-Propylbenzene	U		0.0000993	0.00100	1	04/07/2025 12:38	WG2484715
Styrene	U		0.000118	0.00100	1	04/07/2025 12:38	WG2484715
tert-Butyl alcohol	U		0.00406	0.00500	1	04/07/2025 12:38	WG2484715
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/07/2025 12:38	WG2484715
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/07/2025 12:38	WG2484715
Tetrachloroethene	U		0.000300	0.00100	1	04/07/2025 12:38	WG2484715
Toluene	U		0.000278	0.00100	1	04/07/2025 12:38	WG2484715
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/07/2025 12:38	WG2484715
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/07/2025 12:38	WG2484715
Trichloroethene	U		0.000190	0.00100	1	04/07/2025 12:38	WG2484715
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/07/2025 12:38	WG2484715
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/07/2025 12:38	WG2484715
Vinyl chloride	U	C3	0.000234	0.00100	1	04/07/2025 12:38	WG2484715
o-Xylene	U		0.000174	0.00100	1	04/07/2025 12:38	WG2484715
m&p-Xylene	U		0.000430	0.00200	1	04/07/2025 12:38	WG2484715
Xylenes, Total	U		0.000174	0.00300	1	04/07/2025 12:38	WG2484715
(S) Toluene-d8	*98.6*			*80.0-120*		*04/07/2025 12:38*	WG2484715
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/07/2025 12:38*	WG2484715
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*04/07/2025 12:38*	WG2484715

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/11/2025 15:29	WG2485489
(S) o-Terphenyl	*101*			*52.0-156*		*04/11/2025 15:29*	WG2485489

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2100		50.0	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	182		5.47	10.0	10	04/05/2025 04:23	WG2483246
Fluoride	U		0.761	1.50	10	04/05/2025 04:23	WG2483246
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 04:23	WG2483246
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 04:23	WG2483246
Sulfate	875		6.37	50.0	10	04/05/2025 04:23	WG2483246

Sample Narrative:

L1842529-127 WG2483246: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000412	J	0.000120	0.00200	1	04/10/2025 15:34	WG2484522
Barium	0.0817		0.000500	0.00200	1	04/10/2025 15:34	WG2484522
Calcium	288		0.0925	1.00	1	04/10/2025 15:34	WG2484522
Chromium	0.00141	J	0.000900	0.00200	1	04/10/2025 15:34	WG2484522
Iron	0.482		0.0226	0.100	1	04/10/2025 15:34	WG2484522
Lead	0.000539	J	0.000500	0.00200	1	04/10/2025 15:34	WG2484522
Manganese	0.856		0.000700	0.00500	1	04/10/2025 15:34	WG2484522
Potassium	0.554	J	0.0965	2.00	1	04/10/2025 15:34	WG2484522
Selenium	U		0.000250	0.00200	1	04/10/2025 15:34	WG2484522
Sodium	169		0.142	2.00	1	04/10/2025 15:34	WG2484522

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.72		0.157	0.500	5	04/10/2025 02:01	WG2486760
(S) a,a,a-Trifluorotoluene(FID)	*97.7*			*78.0-120*		*04/10/2025 02:01*	WG2486760

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.113	0.500	10	04/10/2025 02:52	WG2486750
Benzene	0.303		0.000941	0.0100	10	04/10/2025 02:52	WG2486750
Bromodichloromethane	U		0.00136	0.0100	10	04/10/2025 02:52	WG2486750
Bromoform	U		0.00129	0.0100	10	04/10/2025 02:52	WG2486750
Bromomethane	U	C3	0.00605	0.0500	10	04/10/2025 02:52	WG2486750
n-Butylbenzene	U		0.00157	0.0100	10	04/10/2025 02:52	WG2486750
sec-Butylbenzene	0.00300	J	0.00125	0.0100	10	04/10/2025 02:52	WG2486750
Carbon disulfide	U		0.000962	0.0100	10	04/10/2025 02:52	WG2486750
Carbon tetrachloride	U		0.00128	0.0100	10	04/10/2025 02:52	WG2486750
Chlorobenzene	U		0.00116	0.0100	10	04/10/2025 02:52	WG2486750
Chlorodibromomethane	U		0.00140	0.0100	10	04/10/2025 02:52	WG2486750
Chloroethane	U		0.00192	0.0500	10	04/10/2025 02:52	WG2486750
Chloroform	0.00319	J	0.00111	0.0500	10	04/10/2025 02:52	WG2486750
Chloromethane	U		0.00960	0.0250	10	04/10/2025 02:52	WG2486750
1,2-Dibromoethane	U		0.00126	0.0100	10	04/10/2025 02:52	WG2486750
1,1-Dichloroethane	U		0.00100	0.0100	10	04/10/2025 02:52	WG2486750

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000819	0.0100	10	04/10/2025 02:52	WG2486750
1,1-Dichloroethene	U		0.00188	0.0100	10	04/10/2025 02:52	WG2486750
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/10/2025 02:52	WG2486750
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/10/2025 02:52	WG2486750
1,2-Dichloropropane	U		0.00149	0.0100	10	04/10/2025 02:52	WG2486750
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/10/2025 02:52	WG2486750
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/10/2025 02:52	WG2486750
Ethylbenzene	0.0771		0.00137	0.0100	10	04/10/2025 02:52	WG2486750
Isopropylbenzene	0.0154		0.00105	0.0100	10	04/10/2025 02:52	WG2486750
p-Isopropyltoluene	U		0.00120	0.0100	10	04/10/2025 02:52	WG2486750
2-Butanone (MEK)	U		0.0119	0.100	10	04/10/2025 02:52	WG2486750
2-Hexanone	U		0.00787	0.100	10	04/10/2025 02:52	WG2486750
Methylene Chloride	U		0.00430	0.0500	10	04/10/2025 02:52	WG2486750
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/10/2025 02:52	WG2486750
Methyl tert-butyl ether	0.0226		0.00101	0.0100	10	04/10/2025 02:52	WG2486750
Naphthalene	0.0243	B J	0.0100	0.0500	10	04/10/2025 02:52	WG2486750
n-Propylbenzene	0.0182		0.000993	0.0100	10	04/10/2025 02:52	WG2486750
Styrene	U		0.00118	0.0100	10	04/10/2025 02:52	WG2486750
tert-Butyl alcohol	U		0.0406	0.0500	10	04/10/2025 02:52	WG2486750
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/10/2025 02:52	WG2486750
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/10/2025 02:52	WG2486750
Tetrachloroethene	U		0.00300	0.0100	10	04/10/2025 02:52	WG2486750
Toluene	0.00418	J	0.00278	0.0100	10	04/10/2025 02:52	WG2486750
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/10/2025 02:52	WG2486750
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/10/2025 02:52	WG2486750
Trichloroethene	U		0.00190	0.0100	10	04/10/2025 02:52	WG2486750
1,2,4-Trimethylbenzene	0.0429		0.00322	0.0100	10	04/10/2025 02:52	WG2486750
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/10/2025 02:52	WG2486750
Vinyl chloride	U		0.00234	0.0100	10	04/10/2025 02:52	WG2486750
o-Xylene	U		0.00174	0.0100	10	04/10/2025 02:52	WG2486750
m&p-Xylene	0.0671		0.00430	0.0200	10	04/10/2025 02:52	WG2486750
Xylenes, Total	0.0671		0.00174	0.0300	10	04/10/2025 02:52	WG2486750
(S) Toluene-d8	*102*			*80.0-120*		*04/10/2025 02:52*	WG2486750
(S) 4-Bromofluorobenzene	*99.2*			*77.0-126*		*04/10/2025 02:52*	WG2486750
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*		*04/10/2025 02:52*	WG2486750

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.487		0.0605	0.100	1	04/13/2025 15:17	WG2485489
(S) o-Terphenyl	*85.8*			*52.0-156*		*04/13/2025 15:17*	WG2485489

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1230		25.0	1	04/07/2025 17:43	WG2484232

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	226		5.47	10.0	10	04/05/2025 05:03	WG2483246
Fluoride	0.937		0.0761	0.150	1	04/05/2025 04:50	WG2483246
Nitrate as (N)	U	T8	0.0884	0.100	1	04/05/2025 04:50	WG2483246
Nitrite as (N)	U	T8	0.0794	0.100	1	04/05/2025 04:50	WG2483246
Sulfate	149		6.37	50.0	10	04/05/2025 05:03	WG2483246

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0157		0.000120	0.00200	1	04/10/2025 15:46	WG2484522
Barium	0.128		0.000500	0.00200	1	04/10/2025 15:46	WG2484522
Calcium	183		0.0925	1.00	1	04/10/2025 15:46	WG2484522
Chromium	0.00133	J	0.000900	0.00200	1	04/10/2025 15:46	WG2484522
Iron	2.33		0.0226	0.100	1	04/10/2025 15:46	WG2484522
Lead	0.101		0.000500	0.00200	1	04/10/2025 15:46	WG2484522
Manganese	0.822		0.000700	0.00500	1	04/10/2025 15:46	WG2484522
Potassium	0.851	J	0.0965	2.00	1	04/10/2025 15:46	WG2484522
Selenium	U		0.000250	0.00200	1	04/10/2025 15:46	WG2484522
Sodium	159		0.142	2.00	1	04/10/2025 15:46	WG2484522

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	7.94	J	2.82	12.5	250	04/10/2025 03:13	WG2486750
Benzene	34.1		0.0235	0.250	250	04/10/2025 03:13	WG2486750
Bromodichloromethane	U		0.0340	0.250	250	04/10/2025 03:13	WG2486750
Bromoform	U		0.0323	0.250	250	04/10/2025 03:13	WG2486750
Bromomethane	U	C3	0.151	1.25	250	04/10/2025 03:13	WG2486750
n-Butylbenzene	1.25		0.0393	0.250	250	04/10/2025 03:13	WG2486750
sec-Butylbenzene	0.819		0.0313	0.250	250	04/10/2025 03:13	WG2486750
Carbon disulfide	U		0.0241	0.250	250	04/10/2025 03:13	WG2486750
Carbon tetrachloride	U		0.0320	0.250	250	04/10/2025 03:13	WG2486750
Chlorobenzene	U		0.0290	0.250	250	04/10/2025 03:13	WG2486750
Chlorodibromomethane	U		0.0350	0.250	250	04/10/2025 03:13	WG2486750
Chloroethane	U		0.0480	1.25	250	04/10/2025 03:13	WG2486750
Chloroform	U		0.0278	1.25	250	04/10/2025 03:13	WG2486750
Chloromethane	U		0.240	0.625	250	04/10/2025 03:13	WG2486750
1,2-Dibromoethane	U		0.0315	0.250	250	04/10/2025 03:13	WG2486750
1,1-Dichloroethane	U		0.0250	0.250	250	04/10/2025 03:13	WG2486750
1,2-Dichloroethane	U		0.0205	0.250	250	04/10/2025 03:13	WG2486750
1,1-Dichloroethene	U		0.0470	0.250	250	04/10/2025 03:13	WG2486750
cis-1,2-Dichloroethene	U		0.0315	0.250	250	04/10/2025 03:13	WG2486750
trans-1,2-Dichloroethene	U		0.0373	0.250	250	04/10/2025 03:13	WG2486750
1,2-Dichloropropane	U		0.0373	0.250	250	04/10/2025 03:13	WG2486750
cis-1,3-Dichloropropene	U		0.0278	0.250	250	04/10/2025 03:13	WG2486750
trans-1,3-Dichloropropene	U		0.0295	0.250	250	04/10/2025 03:13	WG2486750
Ethylbenzene	23.4		0.0343	0.250	250	04/10/2025 03:13	WG2486750
Isopropylbenzene	2.11		0.0263	0.250	250	04/10/2025 03:13	WG2486750
p-Isopropyltoluene	0.358		0.0300	0.250	250	04/10/2025 03:13	WG2486750

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
2-Butanone (MEK)	3.53		0.298	2.50	250	04/10/2025 03:13	WG2486750
2-Hexanone	U		0.197	2.50	250	04/10/2025 03:13	WG2486750
Methylene Chloride	U		0.108	1.25	250	04/10/2025 03:13	WG2486750
4-Methyl-2-pentanone (MIBK)	U		0.120	2.50	250	04/10/2025 03:13	WG2486750
Methyl tert-butyl ether	U		0.0253	0.250	250	04/10/2025 03:13	WG2486750
Naphthalene	2.75	B	0.250	1.25	250	04/10/2025 03:13	WG2486750
n-Propylbenzene	4.81		0.0248	0.250	250	04/10/2025 03:13	WG2486750
Styrene	U		0.0295	0.250	250	04/10/2025 03:13	WG2486750
tert-Butyl alcohol	U		1.02	1.25	250	04/10/2025 03:13	WG2486750
1,1,1,2-Tetrachloroethane	U		0.0368	0.250	250	04/10/2025 03:13	WG2486750
1,1,2,2-Tetrachloroethane	U		0.0333	0.250	250	04/10/2025 03:13	WG2486750
Tetrachloroethene	U		0.0750	0.250	250	04/10/2025 03:13	WG2486750
Toluene	12.5		0.0695	0.250	250	04/10/2025 03:13	WG2486750
1,1,1-Trichloroethane	U		0.0373	0.250	250	04/10/2025 03:13	WG2486750
1,1,2-Trichloroethane	U		0.0395	0.250	250	04/10/2025 03:13	WG2486750
Trichloroethene	U		0.0475	0.250	250	04/10/2025 03:13	WG2486750
1,2,4-Trimethylbenzene	18.6		0.0805	0.250	250	04/10/2025 03:13	WG2486750
1,3,5-Trimethylbenzene	5.24		0.0260	0.250	250	04/10/2025 03:13	WG2486750
Vinyl chloride	U		0.0585	0.250	250	04/10/2025 03:13	WG2486750
o-Xylene	13.9		0.0435	0.250	250	04/10/2025 03:13	WG2486750
m&p-Xylene	42.3		0.108	0.500	250	04/10/2025 03:13	WG2486750
Xylenes, Total	56.2		0.0435	0.750	250	04/10/2025 03:13	WG2486750
(S) Toluene-d8	*101*			*80.0-120*		*04/10/2025 03:13*	WG2486750
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/10/2025 03:13*	WG2486750
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*		*04/10/2025 03:13*	WG2486750

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000550	0.0000200	1	04/09/2025 11:49	WG2484971

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	670		12.1	20.0	200	04/14/2025 14:32	WG2485489
(S) o-Terphenyl	*0.000*	J7		*52.0-156*		*04/14/2025 14:32*	WG2485489

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U	J4	0.00600	0.00800	20	04/12/2025 13:34	WG2488697
(S) Nitrobenzene-d5	*0.000*	J7		*10.0-120*		*04/12/2025 13:34*	WG2488697

Sample Narrative:

L1842529-128 WG2488697: Dilution and surrogate failure due to matrix interference.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4550		50.0	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	287		5.47	10.0	10	04/05/2025 05:44	WG2483246
Fluoride	0.967	J	0.761	1.50	10	04/05/2025 05:44	WG2483246
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 05:44	WG2483246
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 05:44	WG2483246
Sulfate	2540		63.7	500	100	04/05/2025 05:57	WG2483246

Sample Narrative:

L1842529-129 WG2483246: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.702		0.0232	0.200	1	04/09/2025 09:41	WG2484497

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0123		0.000120	0.00200	1	04/10/2025 15:49	WG2484522
Barium	0.00935		0.000500	0.00200	1	04/10/2025 15:49	WG2484522
Calcium	496		0.0925	1.00	1	04/10/2025 15:49	WG2484522
Chromium	0.00167	J	0.000900	0.00200	1	04/10/2025 15:49	WG2484522
Iron	0.738		0.0226	0.100	1	04/10/2025 15:49	WG2484522
Lead	U		0.000500	0.00200	1	04/10/2025 15:49	WG2484522
Manganese	0.0148		0.000700	0.00500	1	04/10/2025 15:49	WG2484522
Potassium	1.73	J	0.0965	2.00	1	04/10/2025 15:49	WG2484522
Selenium	0.00450		0.000250	0.00200	1	04/10/2025 15:49	WG2484522
Sodium	235		0.142	2.00	1	04/10/2025 15:49	WG2484522
Uranium	0.0421		0.000130	0.00100	1	04/10/2025 15:49	WG2484522

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0336	J	0.0314	0.100	1	04/09/2025 02:28	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*93.5*			*78.0-120*		*04/09/2025 02:28*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 12:28	WG2487730
Benzene	U		0.0000941	0.00100	1	04/11/2025 12:28	WG2487730
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 12:28	WG2487730
Bromoform	U	C3	0.000129	0.00100	1	04/11/2025 12:28	WG2487730
Bromomethane	U		0.000605	0.00500	1	04/11/2025 12:28	WG2487730
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 12:28	WG2487730
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 12:28	WG2487730
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 12:28	WG2487730
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 12:28	WG2487730
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 12:28	WG2487730

MW-134
Collected date/time: 04/02/25 12:55
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 12:28	WG2487730
Chloroethane	U		0.000192	0.00500	1	04/11/2025 12:28	WG2487730
Chloroform	U		0.000111	0.00500	1	04/11/2025 12:28	WG2487730
Chloromethane	U		0.000960	0.00250	1	04/11/2025 12:28	WG2487730
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 12:28	WG2487730
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 12:28	WG2487730
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 12:28	WG2487730
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 12:28	WG2487730
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 12:28	WG2487730
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 12:28	WG2487730
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 12:28	WG2487730
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 12:28	WG2487730
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 12:28	WG2487730
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 12:28	WG2487730
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 12:28	WG2487730
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 12:28	WG2487730
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 12:28	WG2487730
2-Hexanone	U	C3	0.000787	0.0100	1	04/11/2025 12:28	WG2487730
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 12:28	WG2487730
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 12:28	WG2487730
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 12:28	WG2487730
Naphthalene	U	C3	0.00100	0.00500	1	04/11/2025 12:28	WG2487730
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 12:28	WG2487730
Styrene	U		0.000118	0.00100	1	04/11/2025 12:28	WG2487730
tert-Butyl alcohol	U		0.00406	0.00500	1	04/11/2025 12:28	WG2487730
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 12:28	WG2487730
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 12:28	WG2487730
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 12:28	WG2487730
Toluene	U		0.000278	0.00100	1	04/11/2025 12:28	WG2487730
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 12:28	WG2487730
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 12:28	WG2487730
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 12:28	WG2487730
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 12:28	WG2487730
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 12:28	WG2487730
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 12:28	WG2487730
o-Xylene	U		0.000174	0.00100	1	04/11/2025 12:28	WG2487730
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 12:28	WG2487730
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 12:28	WG2487730
(S) Toluene-d8	*99.9*			*80.0-120*		*04/11/2025 12:28*	WG2487730
(S) 4-Bromofluorobenzene	*91.1*			*77.0-126*		*04/11/2025 12:28*	WG2487730
(S) 1,2-Dichloroethane-d4	*96.7*			*70.0-130*		*04/11/2025 12:28*	WG2487730

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/11/2025 16:13	WG2485489
(S) o-Terphenyl	*98.4*			*52.0-156*		*04/11/2025 16:13*	WG2485489

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1480		20.0	1	04/08/2025 13:12	WG2485112

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	213		2.74	5.00	5	04/06/2025 03:02	WG2483920
Fluoride	0.932		0.380	0.750	5	04/06/2025 03:02	WG2483920
Nitrate as (N)	U	T8	0.442	0.500	5	04/06/2025 03:02	WG2483920
Nitrite as (N)	U	T8	0.397	0.500	5	04/06/2025 03:02	WG2483920
Sulfate	603		12.7	100	20	04/06/2025 03:15	WG2483920

Sample Narrative:

L1842529-130 WG2483920: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Calcium	223		0.0925	1.00	1	04/10/2025 15:07	WG2484522
Potassium	1.52	J	0.0965	2.00	1	04/10/2025 15:07	WG2484522
Sodium	126		0.142	2.00	1	04/10/2025 15:07	WG2484522

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/10/2025 10:07	WG2486936
Benzene	U		0.0000941	0.00100	1	04/10/2025 10:07	WG2486936
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 10:07	WG2486936
Bromoform	U		0.000129	0.00100	1	04/10/2025 10:07	WG2486936
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 10:07	WG2486936
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 10:07	WG2486936
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 10:07	WG2486936
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 10:07	WG2486936
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 10:07	WG2486936
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 10:07	WG2486936
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 10:07	WG2486936
Chloroethane	U		0.000192	0.00500	1	04/10/2025 10:07	WG2486936
Chloroform	U		0.000111	0.00500	1	04/10/2025 10:07	WG2486936
Chloromethane	U		0.000960	0.00250	1	04/10/2025 10:07	WG2486936
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 10:07	WG2486936
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 10:07	WG2486936
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 10:07	WG2486936
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 10:07	WG2486936
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 10:07	WG2486936
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 10:07	WG2486936
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 10:07	WG2486936
cis-1,3-Dichloropropene	U	C3 J4	0.000111	0.00100	1	04/10/2025 10:07	WG2486936
trans-1,3-Dichloropropene	U	C3 J4	0.000118	0.00100	1	04/10/2025 10:07	WG2486936
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 10:07	WG2486936
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 10:07	WG2486936
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 10:07	WG2486936
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 10:07	WG2486936
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 10:07	WG2486936
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 10:07	WG2486936
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 10:07	WG2486936

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 10:07	WG2486936
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 10:07	WG2486936
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 10:07	WG2486936
Styrene	U		0.000118	0.00100	1	04/10/2025 10:07	WG2486936
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 10:07	WG2486936
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 10:07	WG2486936
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 10:07	WG2486936
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 10:07	WG2486936
Toluene	U		0.000278	0.00100	1	04/10/2025 10:07	WG2486936
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 10:07	WG2486936
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 10:07	WG2486936
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 10:07	WG2486936
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 10:07	WG2486936
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 10:07	WG2486936
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 10:07	WG2486936
o-Xylene	U		0.000174	0.00100	1	04/10/2025 10:07	WG2486936
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 10:07	WG2486936
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 10:07	WG2486936
(S) Toluene-d8	*112*			*80.0-120*		*04/10/2025 10:07*	WG2486936
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/10/2025 10:07*	WG2486936
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/10/2025 10:07*	WG2486936

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5270		100	1	04/08/2025 13:12	WG2485112

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	944		5.47	10.0	10	04/06/2025 03:29	WG2483920
Fluoride	1.99		0.761	1.50	10	04/06/2025 03:29	WG2483920
Nitrate as (N)	7.03	T8	0.884	1.00	10	04/06/2025 03:29	WG2483920
Nitrite as (N)	U	T8	0.794	1.00	10	04/06/2025 03:29	WG2483920
Sulfate	2380		63.7	500	100	04/06/2025 03:42	WG2483920

Sample Narrative:

L1842529-131 WG2483920: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00499		0.000120	0.00200	1	04/10/2025 15:52	WG2484522
Barium	0.0126		0.000500	0.00200	1	04/10/2025 15:52	WG2484522
Calcium	651		0.0925	1.00	1	04/10/2025 15:52	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 15:52	WG2484522
Iron	U		0.0226	0.100	1	04/10/2025 15:52	WG2484522
Lead	U		0.000500	0.00200	1	04/10/2025 15:52	WG2484522
Manganese	0.00820		0.000700	0.00500	1	04/10/2025 15:52	WG2484522
Potassium	0.643	J	0.0965	2.00	1	04/10/2025 15:52	WG2484522
Selenium	0.0176		0.000250	0.00200	1	04/10/2025 15:52	WG2484522
Sodium	327		0.142	2.00	1	04/10/2025 15:52	WG2484522

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/10/2025 10:31	WG2486936
Benzene	U		0.0000941	0.00100	1	04/10/2025 10:31	WG2486936
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 10:31	WG2486936
Bromoform	U		0.000129	0.00100	1	04/10/2025 10:31	WG2486936
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 10:31	WG2486936
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 10:31	WG2486936
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 10:31	WG2486936
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 10:31	WG2486936
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 10:31	WG2486936
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 10:31	WG2486936
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 10:31	WG2486936
Chloroethane	U		0.000192	0.00500	1	04/10/2025 10:31	WG2486936
Chloroform	U		0.000111	0.00500	1	04/10/2025 10:31	WG2486936
Chloromethane	U		0.000960	0.00250	1	04/10/2025 10:31	WG2486936
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 10:31	WG2486936
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 10:31	WG2486936
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 10:31	WG2486936
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 10:31	WG2486936
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 10:31	WG2486936
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 10:31	WG2486936
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 10:31	WG2486936
cis-1,3-Dichloropropene	U	C3 J4	0.000111	0.00100	1	04/10/2025 10:31	WG2486936
trans-1,3-Dichloropropene	U	C3 J4	0.000118	0.00100	1	04/10/2025 10:31	WG2486936

MW-20
Collected date/time: 04/02/25 11:45
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 10:31	WG2486936
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 10:31	WG2486936
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 10:31	WG2486936
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 10:31	WG2486936
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 10:31	WG2486936
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 10:31	WG2486936
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 10:31	WG2486936
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 10:31	WG2486936
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 10:31	WG2486936
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 10:31	WG2486936
Styrene	U		0.000118	0.00100	1	04/10/2025 10:31	WG2486936
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 10:31	WG2486936
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 10:31	WG2486936
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 10:31	WG2486936
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 10:31	WG2486936
Toluene	U		0.000278	0.00100	1	04/10/2025 10:31	WG2486936
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 10:31	WG2486936
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 10:31	WG2486936
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 10:31	WG2486936
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 10:31	WG2486936
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 10:31	WG2486936
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 10:31	WG2486936
o-Xylene	U		0.000174	0.00100	1	04/10/2025 10:31	WG2486936
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 10:31	WG2486936
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 10:31	WG2486936
(S) Toluene-d8	*110*			*80.0-120*		*04/10/2025 10:31*	WG2486936
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/10/2025 10:31*	WG2486936
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/10/2025 10:31*	WG2486936

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/11/2025 16:36	WG2485489
(S) o-Terphenyl	*98.4*			*52.0-156*		*04/11/2025 16:36*	WG2485489

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 04:14	WG2486750
Benzene	U		0.0000941	0.00100	1	04/10/2025 04:14	WG2486750
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 04:14	WG2486750
Bromoform	U		0.000129	0.00100	1	04/10/2025 04:14	WG2486750
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 04:14	WG2486750
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 04:14	WG2486750
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 04:14	WG2486750
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 04:14	WG2486750
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 04:14	WG2486750
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 04:14	WG2486750
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 04:14	WG2486750
Chloroethane	U		0.000192	0.00500	1	04/10/2025 04:14	WG2486750
Chloroform	U		0.000111	0.00500	1	04/10/2025 04:14	WG2486750
Chloromethane	U		0.000960	0.00250	1	04/10/2025 04:14	WG2486750
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 04:14	WG2486750
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 04:14	WG2486750
1,2-Dichloroethane	0.000305	J	0.0000819	0.00100	1	04/10/2025 04:14	WG2486750
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 04:14	WG2486750
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 04:14	WG2486750
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 04:14	WG2486750
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 04:14	WG2486750
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 04:14	WG2486750
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 04:14	WG2486750
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 04:14	WG2486750
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 04:14	WG2486750
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 04:14	WG2486750
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 04:14	WG2486750
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 04:14	WG2486750
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 04:14	WG2486750
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 04:14	WG2486750
Methyl tert-butyl ether	0.0170		0.000101	0.00100	1	04/10/2025 04:14	WG2486750
Naphthalene	U		0.00100	0.00500	1	04/10/2025 04:14	WG2486750
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 04:14	WG2486750
Styrene	U		0.000118	0.00100	1	04/10/2025 04:14	WG2486750
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 04:14	WG2486750
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 04:14	WG2486750
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 04:14	WG2486750
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 04:14	WG2486750
Toluene	U		0.000278	0.00100	1	04/10/2025 04:14	WG2486750
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 04:14	WG2486750
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 04:14	WG2486750
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 04:14	WG2486750
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 04:14	WG2486750
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 04:14	WG2486750
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 04:14	WG2486750
o-Xylene	U		0.000174	0.00100	1	04/10/2025 04:14	WG2486750
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 04:14	WG2486750
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 04:14	WG2486750
(S) Toluene-d8	*104*			*80.0-120*		*04/10/2025 04:14*	WG2486750
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/10/2025 04:14*	WG2486750
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*04/10/2025 04:14*	WG2486750

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5070		100	1	04/08/2025 13:12	WG2485112

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	644		5.47	10.0	10	04/06/2025 03:56	WG2483920
Fluoride	1.63		0.761	1.50	10	04/06/2025 03:56	WG2483920
Nitrate as (N)	4.92	T8	0.884	1.00	10	04/06/2025 03:56	WG2483920
Nitrite as (N)	U	T8	0.794	1.00	10	04/06/2025 03:56	WG2483920
Sulfate	2430		63.7	500	100	04/06/2025 04:09	WG2483920

Sample Narrative:

L1842529-133 WG2483920: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00792		0.000120	0.00200	1	04/10/2025 15:56	WG2484522
Barium	0.0126		0.000500	0.00200	1	04/10/2025 15:56	WG2484522
Calcium	551		0.0925	1.00	1	04/10/2025 15:56	WG2484522
Chromium	0.0463		0.000900	0.00200	1	04/10/2025 15:56	WG2484522
Iron	0.291		0.0226	0.100	1	04/10/2025 15:56	WG2484522
Lead	U		0.000500	0.00200	1	04/10/2025 15:56	WG2484522
Manganese	0.236		0.000700	0.00500	1	04/10/2025 15:56	WG2484522
Potassium	2.03		0.0965	2.00	1	04/10/2025 15:56	WG2484522
Selenium	0.0383		0.000250	0.00200	1	04/10/2025 15:56	WG2484522
Sodium	429		0.142	2.00	1	04/10/2025 15:56	WG2484522

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.151		0.0314	0.100	1	04/09/2025 02:50	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*94.2*			*78.0-120*		*04/09/2025 02:50*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/10/2025 10:55	WG2486936
Benzene	U		0.0000941	0.00100	1	04/10/2025 10:55	WG2486936
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 10:55	WG2486936
Bromoform	U		0.000129	0.00100	1	04/10/2025 10:55	WG2486936
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 10:55	WG2486936
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 10:55	WG2486936
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 10:55	WG2486936
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 10:55	WG2486936
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 10:55	WG2486936
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 10:55	WG2486936
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 10:55	WG2486936
Chloroethane	U		0.000192	0.00500	1	04/10/2025 10:55	WG2486936
Chloroform	U		0.000111	0.00500	1	04/10/2025 10:55	WG2486936
Chloromethane	U		0.000960	0.00250	1	04/10/2025 10:55	WG2486936
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 10:55	WG2486936
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 10:55	WG2486936

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 10:55	WG2486936
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 10:55	WG2486936
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 10:55	WG2486936
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 10:55	WG2486936
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 10:55	WG2486936
cis-1,3-Dichloropropene	U	C3 J4	0.000111	0.00100	1	04/10/2025 10:55	WG2486936
trans-1,3-Dichloropropene	U	C3 J4	0.000118	0.00100	1	04/10/2025 10:55	WG2486936
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 10:55	WG2486936
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 10:55	WG2486936
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 10:55	WG2486936
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 10:55	WG2486936
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 10:55	WG2486936
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 10:55	WG2486936
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 10:55	WG2486936
Methyl tert-butyl ether	0.116		0.000101	0.00100	1	04/10/2025 10:55	WG2486936
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 10:55	WG2486936
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 10:55	WG2486936
Styrene	U		0.000118	0.00100	1	04/10/2025 10:55	WG2486936
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 10:55	WG2486936
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 10:55	WG2486936
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 10:55	WG2486936
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 10:55	WG2486936
Toluene	U		0.000278	0.00100	1	04/10/2025 10:55	WG2486936
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 10:55	WG2486936
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 10:55	WG2486936
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 10:55	WG2486936
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 10:55	WG2486936
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 10:55	WG2486936
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 10:55	WG2486936
o-Xylene	U		0.000174	0.00100	1	04/10/2025 10:55	WG2486936
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 10:55	WG2486936
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 10:55	WG2486936
(S) Toluene-d8	*109*			*80.0-120*		*04/10/2025 10:55*	WG2486936
(S) 4-Bromofluorobenzene	*98.7*			*77.0-126*		*04/10/2025 10:55*	WG2486936
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/10/2025 10:55*	WG2486936

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/11/2025 16:58	WG2485489
(S) o-Terphenyl	*101*			*52.0-156*		*04/11/2025 16:58*	WG2485489

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4750		100	1	04/08/2025 13:12	WG2485112

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	614		5.47	10.0	10	04/06/2025 04:23	WG2483920
Fluoride	1.78		0.761	1.50	10	04/06/2025 04:23	WG2483920
Nitrate as (N)	4.07	T8	0.884	1.00	10	04/06/2025 04:23	WG2483920
Nitrite as (N)	U	T8	0.794	1.00	10	04/06/2025 04:23	WG2483920
Sulfate	2270		63.7	500	100	04/06/2025 04:36	WG2483920

Sample Narrative:

L1842529-134 WG2483920: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00535		0.000120	0.00200	1	04/10/2025 15:59	WG2484522
Barium	0.00973		0.000500	0.00200	1	04/10/2025 15:59	WG2484522
Calcium	521		0.0925	1.00	1	04/10/2025 15:59	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 15:59	WG2484522
Iron	0.0444	J	0.0226	0.100	1	04/10/2025 15:59	WG2484522
Lead	U		0.000500	0.00200	1	04/10/2025 15:59	WG2484522
Manganese	0.0903		0.000700	0.00500	1	04/10/2025 15:59	WG2484522
Potassium	2.09		0.0965	2.00	1	04/10/2025 15:59	WG2484522
Selenium	0.0283		0.000250	0.00200	1	04/10/2025 15:59	WG2484522
Sodium	420		0.142	2.00	1	04/10/2025 15:59	WG2484522

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0754	J	0.0314	0.100	1	04/09/2025 03:12	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*93.6*			*78.0-120*		*04/09/2025 03:12*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/10/2025 11:19	WG2486936
Benzene	U		0.0000941	0.00100	1	04/10/2025 11:19	WG2486936
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 11:19	WG2486936
Bromoform	U		0.000129	0.00100	1	04/10/2025 11:19	WG2486936
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 11:19	WG2486936
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 11:19	WG2486936
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 11:19	WG2486936
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 11:19	WG2486936
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 11:19	WG2486936
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 11:19	WG2486936
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 11:19	WG2486936
Chloroethane	U		0.000192	0.00500	1	04/10/2025 11:19	WG2486936
Chloroform	U		0.000111	0.00500	1	04/10/2025 11:19	WG2486936
Chloromethane	U		0.000960	0.00250	1	04/10/2025 11:19	WG2486936
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 11:19	WG2486936
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 11:19	WG2486936

MW-21
Collected date/time: 04/02/25 10:25
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 11:19	WG2486936
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 11:19	WG2486936
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 11:19	WG2486936
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 11:19	WG2486936
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 11:19	WG2486936
cis-1,3-Dichloropropene	U	C3 J4	0.000111	0.00100	1	04/10/2025 11:19	WG2486936
trans-1,3-Dichloropropene	U	C3 J4	0.000118	0.00100	1	04/10/2025 11:19	WG2486936
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 11:19	WG2486936
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 11:19	WG2486936
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 11:19	WG2486936
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 11:19	WG2486936
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 11:19	WG2486936
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 11:19	WG2486936
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 11:19	WG2486936
Methyl tert-butyl ether	0.0483		0.000101	0.00100	1	04/10/2025 11:19	WG2486936
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 11:19	WG2486936
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 11:19	WG2486936
Styrene	U		0.000118	0.00100	1	04/10/2025 11:19	WG2486936
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 11:19	WG2486936
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 11:19	WG2486936
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 11:19	WG2486936
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 11:19	WG2486936
Toluene	U		0.000278	0.00100	1	04/10/2025 11:19	WG2486936
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 11:19	WG2486936
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 11:19	WG2486936
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 11:19	WG2486936
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 11:19	WG2486936
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 11:19	WG2486936
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 11:19	WG2486936
o-Xylene	U		0.000174	0.00100	1	04/10/2025 11:19	WG2486936
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 11:19	WG2486936
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 11:19	WG2486936
(S) Toluene-d8	*110*			*80.0-120*		*04/10/2025 11:19*	WG2486936
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/10/2025 11:19*	WG2486936
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/10/2025 11:19*	WG2486936

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.325		0.0605	0.100	1	04/14/2025 10:47	WG2485489
(S) o-Terphenyl	*83.7*			*52.0-156*		*04/14/2025 10:47*	WG2485489

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0727	J	0.0314	0.100	1	04/09/2025 03:33	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*93.4*			*78.0-120*		*04/09/2025 03:33*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 04:35	WG2486750
Benzene	U		0.0000941	0.00100	1	04/10/2025 04:35	WG2486750
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 04:35	WG2486750
Bromoform	U		0.000129	0.00100	1	04/10/2025 04:35	WG2486750
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 04:35	WG2486750
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 04:35	WG2486750
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 04:35	WG2486750
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 04:35	WG2486750
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 04:35	WG2486750
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 04:35	WG2486750
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 04:35	WG2486750
Chloroethane	U		0.000192	0.00500	1	04/10/2025 04:35	WG2486750
Chloroform	U		0.000111	0.00500	1	04/10/2025 04:35	WG2486750
Chloromethane	U		0.000960	0.00250	1	04/10/2025 04:35	WG2486750
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 04:35	WG2486750
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 04:35	WG2486750
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 04:35	WG2486750
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 04:35	WG2486750
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 04:35	WG2486750
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 04:35	WG2486750
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 04:35	WG2486750
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 04:35	WG2486750
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 04:35	WG2486750
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 04:35	WG2486750
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 04:35	WG2486750
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 04:35	WG2486750
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 04:35	WG2486750
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 04:35	WG2486750
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 04:35	WG2486750
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 04:35	WG2486750
Methyl tert-butyl ether	0.0500		0.000101	0.00100	1	04/10/2025 04:35	WG2486750
Naphthalene	U		0.00100	0.00500	1	04/10/2025 04:35	WG2486750
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 04:35	WG2486750
Styrene	U		0.000118	0.00100	1	04/10/2025 04:35	WG2486750
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 04:35	WG2486750
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 04:35	WG2486750
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 04:35	WG2486750
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 04:35	WG2486750
Toluene	U		0.000278	0.00100	1	04/10/2025 04:35	WG2486750
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 04:35	WG2486750
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 04:35	WG2486750
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 04:35	WG2486750
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 04:35	WG2486750
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 04:35	WG2486750
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 04:35	WG2486750
o-Xylene	U		0.000174	0.00100	1	04/10/2025 04:35	WG2486750
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 04:35	WG2486750
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 04:35	WG2486750
(S) Toluene-d8	*107*			*80.0-120*		*04/10/2025 04:35*	WG2486750

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/10/2025 04:35*	WG2486750
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*04/10/2025 04:35*	WG2486750

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.934		0.0605	0.100	1	04/13/2025 16:17	WG2485489
(S) o-Terphenyl	*87.4*			*52.0-156*		*04/13/2025 16:17*	WG2485489

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.334		0.0314	0.100	1	04/09/2025 03:55	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*95.5*			*78.0-120*		*04/09/2025 03:55*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.113	0.500	10	04/10/2025 04:55	WG2486750
Benzene	U		0.000941	0.0100	10	04/10/2025 04:55	WG2486750
Bromodichloromethane	U		0.00136	0.0100	10	04/10/2025 04:55	WG2486750
Bromoform	U		0.00129	0.0100	10	04/10/2025 04:55	WG2486750
Bromomethane	U	C3	0.00605	0.0500	10	04/10/2025 04:55	WG2486750
n-Butylbenzene	U		0.00157	0.0100	10	04/10/2025 04:55	WG2486750
sec-Butylbenzene	U		0.00125	0.0100	10	04/10/2025 04:55	WG2486750
Carbon disulfide	U		0.000962	0.0100	10	04/10/2025 04:55	WG2486750
Carbon tetrachloride	U		0.00128	0.0100	10	04/10/2025 04:55	WG2486750
Chlorobenzene	U		0.00116	0.0100	10	04/10/2025 04:55	WG2486750
Chlorodibromomethane	U		0.00140	0.0100	10	04/10/2025 04:55	WG2486750
Chloroethane	U		0.00192	0.0500	10	04/10/2025 04:55	WG2486750
Chloroform	U		0.00111	0.0500	10	04/10/2025 04:55	WG2486750
Chloromethane	U		0.00960	0.0250	10	04/10/2025 04:55	WG2486750
1,2-Dibromoethane	U		0.00126	0.0100	10	04/10/2025 04:55	WG2486750
1,1-Dichloroethane	U		0.00100	0.0100	10	04/10/2025 04:55	WG2486750
1,2-Dichloroethane	U		0.000819	0.0100	10	04/10/2025 04:55	WG2486750
1,1-Dichloroethene	U		0.00188	0.0100	10	04/10/2025 04:55	WG2486750
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/10/2025 04:55	WG2486750
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/10/2025 04:55	WG2486750
1,2-Dichloropropane	U		0.00149	0.0100	10	04/10/2025 04:55	WG2486750
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/10/2025 04:55	WG2486750
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/10/2025 04:55	WG2486750
Ethylbenzene	U		0.00137	0.0100	10	04/10/2025 04:55	WG2486750
Isopropylbenzene	U		0.00105	0.0100	10	04/10/2025 04:55	WG2486750
p-Isopropyltoluene	U		0.00120	0.0100	10	04/10/2025 04:55	WG2486750
2-Butanone (MEK)	U		0.0119	0.100	10	04/10/2025 04:55	WG2486750
2-Hexanone	U		0.00787	0.100	10	04/10/2025 04:55	WG2486750
Methylene Chloride	U		0.00430	0.0500	10	04/10/2025 04:55	WG2486750
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/10/2025 04:55	WG2486750
Methyl tert-butyl ether	0.444		0.00101	0.0100	10	04/10/2025 04:55	WG2486750
Naphthalene	U		0.0100	0.0500	10	04/10/2025 04:55	WG2486750
n-Propylbenzene	U		0.000993	0.0100	10	04/10/2025 04:55	WG2486750
Styrene	U		0.00118	0.0100	10	04/10/2025 04:55	WG2486750
tert-Butyl alcohol	U		0.0406	0.0500	10	04/10/2025 04:55	WG2486750
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/10/2025 04:55	WG2486750
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/10/2025 04:55	WG2486750
Tetrachloroethene	U		0.00300	0.0100	10	04/10/2025 04:55	WG2486750
Toluene	U		0.00278	0.0100	10	04/10/2025 04:55	WG2486750
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/10/2025 04:55	WG2486750
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/10/2025 04:55	WG2486750
Trichloroethene	U		0.00190	0.0100	10	04/10/2025 04:55	WG2486750
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/10/2025 04:55	WG2486750
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/10/2025 04:55	WG2486750
Vinyl chloride	U		0.00234	0.0100	10	04/10/2025 04:55	WG2486750
o-Xylene	U		0.00174	0.0100	10	04/10/2025 04:55	WG2486750
m&p-Xylene	U		0.00430	0.0200	10	04/10/2025 04:55	WG2486750
Xylenes, Total	U		0.00174	0.0300	10	04/10/2025 04:55	WG2486750
(S) Toluene-d8	*107*			*80.0-120*		*04/10/2025 04:55*	WG2486750

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Collected date/time: 04/02/25 11:20
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/10/2025 04:55*	WG2486750
(S) 1,2-Dichloroethane-d4	*94.8*			*70.0-130*		*04/10/2025 04:55*	WG2486750

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.0636	J	0.0605	0.100	1	04/11/2025 18:05	WG2485489
(S) o-Terphenyl	*98.9*			*52.0-156*		*04/11/2025 18:05*	WG2485489

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.197		0.0314	0.100	1	04/09/2025 04:17	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*93.0*			*78.0-120*		*04/09/2025 04:17*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0565	0.250	5	04/10/2025 05:16	WG2486750
Benzene	U		0.000471	0.00500	5	04/10/2025 05:16	WG2486750
Bromodichloromethane	U		0.000680	0.00500	5	04/10/2025 05:16	WG2486750
Bromoform	U		0.000645	0.00500	5	04/10/2025 05:16	WG2486750
Bromomethane	U	C3	0.00303	0.0250	5	04/10/2025 05:16	WG2486750
n-Butylbenzene	U		0.000785	0.00500	5	04/10/2025 05:16	WG2486750
sec-Butylbenzene	U		0.000625	0.00500	5	04/10/2025 05:16	WG2486750
Carbon disulfide	U		0.000481	0.00500	5	04/10/2025 05:16	WG2486750
Carbon tetrachloride	U		0.000640	0.00500	5	04/10/2025 05:16	WG2486750
Chlorobenzene	U		0.000580	0.00500	5	04/10/2025 05:16	WG2486750
Chlorodibromomethane	U		0.000700	0.00500	5	04/10/2025 05:16	WG2486750
Chloroethane	U		0.000960	0.0250	5	04/10/2025 05:16	WG2486750
Chloroform	U		0.000555	0.0250	5	04/10/2025 05:16	WG2486750
Chloromethane	U		0.00480	0.0125	5	04/10/2025 05:16	WG2486750
1,2-Dibromoethane	U		0.000630	0.00500	5	04/10/2025 05:16	WG2486750
1,1-Dichloroethane	U		0.000500	0.00500	5	04/10/2025 05:16	WG2486750
1,2-Dichloroethane	U		0.000409	0.00500	5	04/10/2025 05:16	WG2486750
1,1-Dichloroethene	U		0.000940	0.00500	5	04/10/2025 05:16	WG2486750
cis-1,2-Dichloroethene	U		0.000630	0.00500	5	04/10/2025 05:16	WG2486750
trans-1,2-Dichloroethene	U		0.000745	0.00500	5	04/10/2025 05:16	WG2486750
1,2-Dichloropropane	U		0.000745	0.00500	5	04/10/2025 05:16	WG2486750
cis-1,3-Dichloropropene	U		0.000555	0.00500	5	04/10/2025 05:16	WG2486750
trans-1,3-Dichloropropene	U		0.000590	0.00500	5	04/10/2025 05:16	WG2486750
Ethylbenzene	U		0.000685	0.00500	5	04/10/2025 05:16	WG2486750
Isopropylbenzene	U		0.000525	0.00500	5	04/10/2025 05:16	WG2486750
p-Isopropyltoluene	U		0.000600	0.00500	5	04/10/2025 05:16	WG2486750
2-Butanone (MEK)	U		0.00595	0.0500	5	04/10/2025 05:16	WG2486750
2-Hexanone	U		0.00394	0.0500	5	04/10/2025 05:16	WG2486750
Methylene Chloride	U		0.00215	0.0250	5	04/10/2025 05:16	WG2486750
4-Methyl-2-pentanone (MIBK)	U		0.00239	0.0500	5	04/10/2025 05:16	WG2486750
Methyl tert-butyl ether	0.190		0.000505	0.00500	5	04/10/2025 05:16	WG2486750
Naphthalene	U		0.00500	0.0250	5	04/10/2025 05:16	WG2486750
n-Propylbenzene	U		0.000497	0.00500	5	04/10/2025 05:16	WG2486750
Styrene	U		0.000590	0.00500	5	04/10/2025 05:16	WG2486750
tert-Butyl alcohol	U		0.0203	0.0250	5	04/10/2025 05:16	WG2486750
1,1,1,2-Tetrachloroethane	U		0.000735	0.00500	5	04/10/2025 05:16	WG2486750
1,1,2,2-Tetrachloroethane	U		0.000665	0.00500	5	04/10/2025 05:16	WG2486750
Tetrachloroethene	U		0.00150	0.00500	5	04/10/2025 05:16	WG2486750
Toluene	U		0.00139	0.00500	5	04/10/2025 05:16	WG2486750
1,1,1-Trichloroethane	U		0.000745	0.00500	5	04/10/2025 05:16	WG2486750
1,1,2-Trichloroethane	U		0.000790	0.00500	5	04/10/2025 05:16	WG2486750
Trichloroethene	U		0.000950	0.00500	5	04/10/2025 05:16	WG2486750
1,2,4-Trimethylbenzene	U		0.00161	0.00500	5	04/10/2025 05:16	WG2486750
1,3,5-Trimethylbenzene	U		0.000520	0.00500	5	04/10/2025 05:16	WG2486750
Vinyl chloride	U		0.00117	0.00500	5	04/10/2025 05:16	WG2486750
o-Xylene	U		0.000870	0.00500	5	04/10/2025 05:16	WG2486750
m&p-Xylene	U		0.00215	0.0100	5	04/10/2025 05:16	WG2486750
Xylenes, Total	U		0.000870	0.0150	5	04/10/2025 05:16	WG2486750
(S) Toluene-d8	*105*			*80.0-120*		*04/10/2025 05:16*	WG2486750

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*04/10/2025 05:16*	WG2486750
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*04/10/2025 05:16*	WG2486750

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/11/2025 18:27	WG2485489
(S) o-Terphenyl	*100*			*52.0-156*		*04/11/2025 18:27*	WG2485489

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.119		0.0314	0.100	1	04/09/2025 04:38	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*93.5*			*78.0-120*		*04/09/2025 04:38*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/10/2025 05:36	WG2486750
Benzene	U		0.0000941	0.00100	1	04/10/2025 05:36	WG2486750
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 05:36	WG2486750
Bromoform	U		0.000129	0.00100	1	04/10/2025 05:36	WG2486750
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 05:36	WG2486750
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 05:36	WG2486750
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 05:36	WG2486750
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 05:36	WG2486750
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 05:36	WG2486750
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 05:36	WG2486750
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 05:36	WG2486750
Chloroethane	U		0.000192	0.00500	1	04/10/2025 05:36	WG2486750
Chloroform	U		0.000111	0.00500	1	04/10/2025 05:36	WG2486750
Chloromethane	U		0.000960	0.00250	1	04/10/2025 05:36	WG2486750
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 05:36	WG2486750
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 05:36	WG2486750
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 05:36	WG2486750
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 05:36	WG2486750
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 05:36	WG2486750
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 05:36	WG2486750
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 05:36	WG2486750
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/10/2025 05:36	WG2486750
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/10/2025 05:36	WG2486750
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 05:36	WG2486750
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 05:36	WG2486750
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 05:36	WG2486750
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 05:36	WG2486750
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 05:36	WG2486750
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 05:36	WG2486750
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 05:36	WG2486750
Methyl tert-butyl ether	0.0891		0.000101	0.00100	1	04/10/2025 05:36	WG2486750
Naphthalene	U		0.00100	0.00500	1	04/10/2025 05:36	WG2486750
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 05:36	WG2486750
Styrene	U		0.000118	0.00100	1	04/10/2025 05:36	WG2486750
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 05:36	WG2486750
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 05:36	WG2486750
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 05:36	WG2486750
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 05:36	WG2486750
Toluene	U		0.000278	0.00100	1	04/10/2025 05:36	WG2486750
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 05:36	WG2486750
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 05:36	WG2486750
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 05:36	WG2486750
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 05:36	WG2486750
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 05:36	WG2486750
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 05:36	WG2486750
o-Xylene	U		0.000174	0.00100	1	04/10/2025 05:36	WG2486750
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 05:36	WG2486750
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 05:36	WG2486750
(S) Toluene-d8	*108*			*80.0-120*		*04/10/2025 05:36*	WG2486750

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/10/2025 05:36*	WG2486750
(S) 1,2-Dichloroethane-d4	*98.0*			*70.0-130*		*04/10/2025 05:36*	WG2486750

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.259		0.0605	0.100	1	04/13/2025 13:36	WG2485489
(S) o-Terphenyl	*85.3*			*52.0-156*		*04/13/2025 13:36*	WG2485489

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 05:00	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*93.3*			*78.0-120*		*04/09/2025 05:00*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 16:47	WG2487743
Benzene	U		0.0000941	0.00100	1	04/11/2025 16:47	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 16:47	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 16:47	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 16:47	WG2487743
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 16:47	WG2487743
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 16:47	WG2487743
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 16:47	WG2487743
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 16:47	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 16:47	WG2487743
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 16:47	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 16:47	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 16:47	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 16:47	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 16:47	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 16:47	WG2487743
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 16:47	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 16:47	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 16:47	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 16:47	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 16:47	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 16:47	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 16:47	WG2487743
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 16:47	WG2487743
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 16:47	WG2487743
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 16:47	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 16:47	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 16:47	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 16:47	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 16:47	WG2487743
Methyl tert-butyl ether	0.000348	J	0.000101	0.00100	1	04/11/2025 16:47	WG2487743
Naphthalene	U	J4	0.00100	0.00500	1	04/11/2025 16:47	WG2487743
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 16:47	WG2487743
Styrene	U		0.000118	0.00100	1	04/11/2025 16:47	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 16:47	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 16:47	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 16:47	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 16:47	WG2487743
Toluene	U		0.000278	0.00100	1	04/11/2025 16:47	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 16:47	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 16:47	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 16:47	WG2487743
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 16:47	WG2487743
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 16:47	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 16:47	WG2487743
o-Xylene	U		0.000174	0.00100	1	04/11/2025 16:47	WG2487743
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 16:47	WG2487743
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 16:47	WG2487743
(S) Toluene-d8	*104*			*80.0-120*		*04/11/2025 16:47*	WG2487743

MW-139
Collected date/time: 04/02/25 12:25
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/11/2025 16:47*	WG2487743
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*04/11/2025 16:47*	WG2487743

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.0929	J	0.0605	0.100	1	04/11/2025 19:11	WG2485489
(S) o-Terphenyl	*95.8*			*52.0-156*		*04/11/2025 19:11*	WG2485489

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 05:22	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*94.5*			*78.0-120*		*04/09/2025 05:22*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 17:08	WG2487743
Benzene	U		0.0000941	0.00100	1	04/11/2025 17:08	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 17:08	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 17:08	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 17:08	WG2487743
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 17:08	WG2487743
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 17:08	WG2487743
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 17:08	WG2487743
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 17:08	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 17:08	WG2487743
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 17:08	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 17:08	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 17:08	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 17:08	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 17:08	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 17:08	WG2487743
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 17:08	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 17:08	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 17:08	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 17:08	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 17:08	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 17:08	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 17:08	WG2487743
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 17:08	WG2487743
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 17:08	WG2487743
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 17:08	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 17:08	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 17:08	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 17:08	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 17:08	WG2487743
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 17:08	WG2487743
Naphthalene	U	J4	0.00100	0.00500	1	04/11/2025 17:08	WG2487743
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 17:08	WG2487743
Styrene	U		0.000118	0.00100	1	04/11/2025 17:08	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 17:08	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 17:08	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 17:08	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 17:08	WG2487743
Toluene	U		0.000278	0.00100	1	04/11/2025 17:08	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 17:08	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 17:08	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 17:08	WG2487743
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 17:08	WG2487743
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 17:08	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 17:08	WG2487743
o-Xylene	U		0.000174	0.00100	1	04/11/2025 17:08	WG2487743
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 17:08	WG2487743
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 17:08	WG2487743
(S) Toluene-d8	*106*			*80.0-120*		*04/11/2025 17:08*	WG2487743

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/11/2025 17:08*	WG2487743
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*04/11/2025 17:08*	WG2487743

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.363		0.0605	0.100	1	04/13/2025 13:56	WG2485489
(S) o-Terphenyl	*82.6*			*52.0-156*		*04/13/2025 13:56*	WG2485489

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	3280		50.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	282		5.47	10.0	10	04/05/2025 06:24	WG2483246
Fluoride	1.32		0.0761	0.150	1	04/05/2025 06:10	WG2483246
Nitrate as (N)	U	T8	0.0884	0.100	1	04/05/2025 06:10	WG2483246
Nitrite as (N)	U	T8	0.0794	0.100	1	04/05/2025 06:10	WG2483246
Sulfate	1710		31.8	250	50	04/10/2025 10:54	WG2483246

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.718		0.0232	0.200	1	04/09/2025 09:43	WG2484497
Boron,Dissolved	0.773		0.0232	0.200	1	04/09/2025 17:09	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00429		0.000120	0.00200	1	04/10/2025 16:02	WG2484522
Arsenic,Dissolved	0.00430		0.000120	0.00200	1	04/10/2025 12:30	WG2484488
Barium	0.0185		0.000500	0.00200	1	04/10/2025 16:02	WG2484522
Calcium	399		0.0925	1.00	1	04/10/2025 16:02	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 16:02	WG2484522
Iron	0.167		0.0226	0.100	1	04/10/2025 16:02	WG2484522
Iron,Dissolved	U		0.0226	0.100	1	04/10/2025 12:30	WG2484488
Lead	U		0.000500	0.00200	1	04/10/2025 16:02	WG2484522
Manganese	0.0689		0.000700	0.00500	1	04/10/2025 16:02	WG2484522
Manganese,Dissolved	0.0322		0.000700	0.00500	1	04/10/2025 12:30	WG2484488
Potassium	0.544	J	0.0965	2.00	1	04/10/2025 16:02	WG2484522
Selenium	0.00193	J	0.000250	0.00200	1	04/10/2025 16:02	WG2484522
Sodium	270		0.142	2.00	1	04/10/2025 16:02	WG2484522
Uranium	0.0416		0.000130	0.00100	1	04/10/2025 16:02	WG2484522
Uranium,Dissolved	0.0458		0.000130	0.00100	1	04/10/2025 12:30	WG2484488

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	0.0428	J	0.0314	0.100	1	04/09/2025 05:44	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*94.7*			*78.0-120*		*04/09/2025 05:44*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/11/2025 17:28	WG2487743
Benzene	U		0.0000941	0.00100	1	04/11/2025 17:28	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 17:28	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 17:28	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 17:28	WG2487743
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 17:28	WG2487743
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 17:28	WG2487743
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 17:28	WG2487743

MW-113
Collected date/time: 04/02/25 08:25
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 17:28	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 17:28	WG2487743
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 17:28	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 17:28	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 17:28	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 17:28	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 17:28	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 17:28	WG2487743
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 17:28	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 17:28	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 17:28	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 17:28	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 17:28	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 17:28	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 17:28	WG2487743
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 17:28	WG2487743
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 17:28	WG2487743
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 17:28	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 17:28	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 17:28	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 17:28	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 17:28	WG2487743
Methyl tert-butyl ether	0.0169		0.000101	0.00100	1	04/11/2025 17:28	WG2487743
Naphthalene	U	J4	0.00100	0.00500	1	04/11/2025 17:28	WG2487743
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 17:28	WG2487743
Styrene	U		0.000118	0.00100	1	04/11/2025 17:28	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 17:28	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 17:28	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 17:28	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 17:28	WG2487743
Toluene	U		0.000278	0.00100	1	04/11/2025 17:28	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 17:28	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 17:28	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 17:28	WG2487743
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 17:28	WG2487743
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 17:28	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 17:28	WG2487743
o-Xylene	U		0.000174	0.00100	1	04/11/2025 17:28	WG2487743
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 17:28	WG2487743
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 17:28	WG2487743
(S) Toluene-d8	*104*			*80.0-120*		*04/11/2025 17:28*	WG2487743
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/11/2025 17:28*	WG2487743
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*04/11/2025 17:28*	WG2487743

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.879		0.0605	0.100	1	04/13/2025 15:37	WG2485489
(S) o-Terphenyl	*88.9*			*52.0-156*		*04/13/2025 15:37*	WG2485489

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	2440		50.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	7.30	J	5.47	10.0	10	04/05/2025 06:37	WG2483246
Fluoride	3.46		0.761	1.50	10	04/05/2025 06:37	WG2483246
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 06:37	WG2483246
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 06:37	WG2483246
Sulfate	1520		63.7	500	100	04/05/2025 06:51	WG2483246

Sample Narrative:

L1842529-142 WG2483246: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.0670	J	0.0232	0.200	1	04/09/2025 09:44	WG2484497
Boron,Dissolved	0.0686	J	0.0232	0.200	1	04/09/2025 17:12	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00239		0.000120	0.00200	1	04/10/2025 16:06	WG2484522
Arsenic,Dissolved	0.00237		0.000120	0.00200	1	04/10/2025 12:33	WG2484488
Barium	0.0120		0.000500	0.00200	1	04/10/2025 16:06	WG2484522
Calcium	400		0.0925	1.00	1	04/10/2025 16:06	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 16:06	WG2484522
Iron	U		0.0226	0.100	1	04/10/2025 16:06	WG2484522
Iron,Dissolved	U		0.0226	0.100	1	04/10/2025 12:33	WG2484488
Lead	U		0.000500	0.00200	1	04/10/2025 16:06	WG2484522
Manganese	0.261		0.000700	0.00500	1	04/10/2025 16:06	WG2484522
Manganese,Dissolved	0.242		0.000700	0.00500	1	04/10/2025 12:33	WG2484488
Potassium	1.85	J	0.0965	2.00	1	04/10/2025 16:06	WG2484522
Selenium	0.00106	J	0.000250	0.00200	1	04/10/2025 16:06	WG2484522
Sodium	132		0.142	2.00	1	04/10/2025 16:06	WG2484522
Uranium	0.00225		0.000130	0.00100	1	04/10/2025 16:06	WG2484522
Uranium,Dissolved	0.00256		0.000130	0.00100	1	04/10/2025 12:33	WG2484488

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 06:05	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*93.5*			*78.0-120*		*04/09/2025 06:05*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/11/2025 17:49	WG2487743
Benzene	U		0.0000941	0.00100	1	04/11/2025 17:49	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 17:49	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 17:49	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 17:49	WG2487743

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 17:49	WG2487743
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 17:49	WG2487743
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 17:49	WG2487743
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 17:49	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 17:49	WG2487743
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 17:49	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 17:49	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 17:49	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 17:49	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 17:49	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 17:49	WG2487743
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 17:49	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 17:49	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 17:49	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 17:49	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 17:49	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 17:49	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 17:49	WG2487743
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 17:49	WG2487743
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 17:49	WG2487743
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 17:49	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 17:49	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 17:49	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 17:49	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 17:49	WG2487743
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 17:49	WG2487743
Naphthalene	U	J4	0.00100	0.00500	1	04/11/2025 17:49	WG2487743
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 17:49	WG2487743
Styrene	U		0.000118	0.00100	1	04/11/2025 17:49	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 17:49	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 17:49	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 17:49	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 17:49	WG2487743
Toluene	U		0.000278	0.00100	1	04/11/2025 17:49	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 17:49	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 17:49	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 17:49	WG2487743
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 17:49	WG2487743
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 17:49	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 17:49	WG2487743
o-Xylene	U		0.000174	0.00100	1	04/11/2025 17:49	WG2487743
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 17:49	WG2487743
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 17:49	WG2487743
(S) Toluene-d8	*105*			*80.0-120*		*04/11/2025 17:49*	WG2487743
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/11/2025 17:49*	WG2487743
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*04/11/2025 17:49*	WG2487743

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/11/2025 20:18	WG2485489
(S) o-Terphenyl	*90.0*			*52.0-156*		*04/11/2025 20:18*	WG2485489

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3700		50.0	1	04/08/2025 13:12	WG2485112

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	204		5.47	10.0	10	04/06/2025 05:17	WG2483920
Fluoride	0.959	J	0.761	1.50	10	04/06/2025 05:17	WG2483920
Nitrate as (N)	U	T8	0.884	1.00	10	04/06/2025 05:17	WG2483920
Nitrite as (N)	U	T8	0.794	1.00	10	04/06/2025 05:17	WG2483920
Sulfate	2080		63.7	500	100	04/06/2025 05:30	WG2483920

Sample Narrative:

L1842529-143 WG2483920: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.384		0.0232	0.200	1	04/09/2025 09:46	WG2484497
Boron,Dissolved	0.410		0.0232	0.200	1	04/09/2025 17:21	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00346		0.000120	0.00200	1	04/10/2025 16:09	WG2484522
Arsenic,Dissolved	0.00331		0.000120	0.00200	1	04/10/2025 12:44	WG2484488
Barium	0.00922		0.000500	0.00200	1	04/10/2025 16:09	WG2484522
Calcium	478		0.0925	1.00	1	04/10/2025 16:09	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 16:09	WG2484522
Iron	U		0.0226	0.100	1	04/10/2025 16:09	WG2484522
Iron,Dissolved	0.102		0.0226	0.100	1	04/10/2025 12:44	WG2484488
Lead	U		0.000500	0.00200	1	04/10/2025 16:09	WG2484522
Manganese	0.382		0.000700	0.00500	1	04/10/2025 16:09	WG2484522
Manganese,Dissolved	0.366		0.000700	0.00500	1	04/10/2025 12:44	WG2484488
Potassium	1.27	J	0.0965	2.00	1	04/10/2025 16:09	WG2484522
Selenium	0.000337	J	0.000250	0.00200	1	04/10/2025 16:09	WG2484522
Sodium	199		0.142	2.00	1	04/10/2025 16:09	WG2484522
Uranium	0.0295		0.000130	0.00100	1	04/10/2025 16:09	WG2484522
Uranium,Dissolved	0.0322		0.000130	0.00100	1	04/10/2025 12:44	WG2484488

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 06:26	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*78.0-120*		*04/09/2025 06:26*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 18:09	WG2487743
Benzene	U		0.0000941	0.00100	1	04/11/2025 18:09	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 18:09	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 18:09	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 18:09	WG2487743

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 18:09	WG2487743
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 18:09	WG2487743
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 18:09	WG2487743
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 18:09	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 18:09	WG2487743
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 18:09	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 18:09	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 18:09	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 18:09	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 18:09	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 18:09	WG2487743
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 18:09	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 18:09	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 18:09	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 18:09	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 18:09	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 18:09	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 18:09	WG2487743
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 18:09	WG2487743
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 18:09	WG2487743
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 18:09	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 18:09	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 18:09	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 18:09	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 18:09	WG2487743
Methyl tert-butyl ether	0.000660	J	0.000101	0.00100	1	04/11/2025 18:09	WG2487743
Naphthalene	U	J4	0.00100	0.00500	1	04/11/2025 18:09	WG2487743
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 18:09	WG2487743
Styrene	U		0.000118	0.00100	1	04/11/2025 18:09	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 18:09	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 18:09	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 18:09	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 18:09	WG2487743
Toluene	U		0.000278	0.00100	1	04/11/2025 18:09	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 18:09	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 18:09	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 18:09	WG2487743
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 18:09	WG2487743
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 18:09	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 18:09	WG2487743
o-Xylene	U		0.000174	0.00100	1	04/11/2025 18:09	WG2487743
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 18:09	WG2487743
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 18:09	WG2487743
(S) Toluene-d8	*103*			*80.0-120*		*04/11/2025 18:09*	WG2487743
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*		*04/11/2025 18:09*	WG2487743
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*04/11/2025 18:09*	WG2487743

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.211		0.0605	0.100	1	04/13/2025 10:55	WG2485489
(S) o-Terphenyl	*86.3*			*52.0-156*		*04/13/2025 10:55*	WG2485489

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2100		50.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	183		5.47	10.0	10	04/05/2025 07:04	WG2483246
Fluoride	U		0.761	1.50	10	04/05/2025 07:04	WG2483246
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 07:04	WG2483246
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 07:04	WG2483246
Sulfate	875		6.37	50.0	10	04/05/2025 07:04	WG2483246

Sample Narrative:

L1842529-144 WG2483246: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00178	J	0.000120	0.00200	1	04/10/2025 16:12	WG2484522
Barium	0.116		0.000500	0.00200	1	04/10/2025 16:12	WG2484522
Calcium	292		0.0925	1.00	1	04/10/2025 16:12	WG2484522
Chromium	0.00369		0.000900	0.00200	1	04/10/2025 16:12	WG2484522
Iron	2.05		0.0226	0.100	1	04/10/2025 16:12	WG2484522
Lead	0.00160	J	0.000500	0.00200	1	04/10/2025 16:12	WG2484522
Manganese	0.912		0.000700	0.00500	1	04/10/2025 16:12	WG2484522
Potassium	1.02	J	0.0965	2.00	1	04/10/2025 16:12	WG2484522
Selenium	U		0.000250	0.00200	1	04/10/2025 16:12	WG2484522
Sodium	175		0.142	2.00	1	04/10/2025 16:12	WG2484522

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.54		0.0314	0.100	1	04/09/2025 06:48	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*88.3*			*78.0-120*		*04/09/2025 06:48*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 18:30	WG2487743
Benzene	0.171		0.0000941	0.00100	1	04/11/2025 18:30	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 18:30	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 18:30	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 18:30	WG2487743
n-Butylbenzene	0.000896	J	0.000157	0.00100	1	04/11/2025 18:30	WG2487743
sec-Butylbenzene	0.00232		0.000125	0.00100	1	04/11/2025 18:30	WG2487743
Carbon disulfide	0.000209	J	0.0000962	0.00100	1	04/11/2025 18:30	WG2487743
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 18:30	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 18:30	WG2487743
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 18:30	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 18:30	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 18:30	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 18:30	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 18:30	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 18:30	WG2487743

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 18:30	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 18:30	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 18:30	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 18:30	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 18:30	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 18:30	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 18:30	WG2487743
Ethylbenzene	0.0614		0.000137	0.00100	1	04/11/2025 18:30	WG2487743
Isopropylbenzene	0.0133		0.000105	0.00100	1	04/11/2025 18:30	WG2487743
p-Isopropyltoluene	0.00115		0.000120	0.00100	1	04/11/2025 18:30	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 18:30	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 18:30	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 18:30	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 18:30	WG2487743
Methyl tert-butyl ether	0.0185		0.000101	0.00100	1	04/11/2025 18:30	WG2487743
Naphthalene	0.0116		0.00100	0.00500	1	04/14/2025 15:39	WG2489985
n-Propylbenzene	0.0207		0.0000993	0.00100	1	04/11/2025 18:30	WG2487743
Styrene	0.000223	J	0.000118	0.00100	1	04/11/2025 18:30	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 18:30	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 18:30	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 18:30	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 18:30	WG2487743
Toluene	0.00335		0.000278	0.00100	1	04/11/2025 18:30	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 18:30	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 18:30	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 18:30	WG2487743
1,2,4-Trimethylbenzene	0.0448		0.000322	0.00100	1	04/11/2025 18:30	WG2487743
1,3,5-Trimethylbenzene	0.000862	J	0.000104	0.00100	1	04/11/2025 18:30	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 18:30	WG2487743
o-Xylene	0.000404	J	0.000174	0.00100	1	04/11/2025 18:30	WG2487743
m&p-Xylene	0.0579		0.000430	0.00200	1	04/11/2025 18:30	WG2487743
Xylenes, Total	0.0583		0.000174	0.00300	1	04/11/2025 18:30	WG2487743
(S) Toluene-d8	*103*			*80.0-120*		*04/11/2025 18:30*	WG2487743
(S) Toluene-d8	*103*			*80.0-120*		*04/14/2025 15:39*	WG2489985
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*04/11/2025 18:30*	WG2487743
(S) 4-Bromofluorobenzene	*88.3*			*77.0-126*		*04/14/2025 15:39*	WG2489985
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*04/11/2025 18:30*	WG2487743
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/14/2025 15:39*	WG2489985

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.509		0.0605	0.100	1	04/13/2025 14:16	WG2485489
(S) o-Terphenyl	*84.2*			*52.0-156*		*04/13/2025 14:16*	WG2485489

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND	P1	10.0	1	04/05/2025 14:45	WG2483465

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	04/05/2025 07:31	WG2483246
Fluoride	U		0.0761	0.150	1	04/05/2025 07:31	WG2483246
Nitrate as (N)	U	T8	0.0884	0.100	1	04/05/2025 07:31	WG2483246
Nitrite as (N)	U	T8	0.0794	0.100	1	04/05/2025 07:31	WG2483246
Sulfate	U		0.637	5.00	1	04/05/2025 07:31	WG2483246

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	04/10/2025 16:16	WG2484522
Barium	0.0211		0.000500	0.00200	1	04/10/2025 16:16	WG2484522
Calcium	U		0.0925	1.00	1	04/10/2025 16:16	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 16:16	WG2484522
Iron	0.287		0.0226	0.100	1	04/10/2025 16:16	WG2484522
Lead	U		0.000500	0.00200	1	04/10/2025 16:16	WG2484522
Manganese	0.00126	J	0.000700	0.00500	1	04/10/2025 16:16	WG2484522
Potassium	U		0.0965	2.00	1	04/10/2025 16:16	WG2484522
Selenium	U		0.000250	0.00200	1	04/10/2025 16:16	WG2484522
Sodium	0.297	J	0.142	2.00	1	04/10/2025 16:16	WG2484522

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 01:23	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*92.5*			*78.0-120*		*04/09/2025 01:23*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/10/2025 09:20	WG2486936
Benzene	U		0.0000941	0.00100	1	04/10/2025 09:20	WG2486936
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 09:20	WG2486936
Bromoform	U		0.000129	0.00100	1	04/10/2025 09:20	WG2486936
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 09:20	WG2486936
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 09:20	WG2486936
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 09:20	WG2486936
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 09:20	WG2486936
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 09:20	WG2486936
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 09:20	WG2486936
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 09:20	WG2486936
Chloroethane	U		0.000192	0.00500	1	04/10/2025 09:20	WG2486936
Chloroform	U		0.000111	0.00500	1	04/10/2025 09:20	WG2486936
Chloromethane	U		0.000960	0.00250	1	04/10/2025 09:20	WG2486936
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 09:20	WG2486936
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 09:20	WG2486936
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 09:20	WG2486936
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 09:20	WG2486936
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 09:20	WG2486936

Received by OCD: 6/15/2026 7:23:14 PM

LB-REST-01
Collected date/time: 04/02/25 13:35
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 09:20	WG2486936
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 09:20	WG2486936
cis-1,3-Dichloropropene	U	C3 J4	0.000111	0.00100	1	04/10/2025 09:20	WG2486936
trans-1,3-Dichloropropene	U	C3 J4	0.000118	0.00100	1	04/10/2025 09:20	WG2486936
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 09:20	WG2486936
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 09:20	WG2486936
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 09:20	WG2486936
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 09:20	WG2486936
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 09:20	WG2486936
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 09:20	WG2486936
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 09:20	WG2486936
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 09:20	WG2486936
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 09:20	WG2486936
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 09:20	WG2486936
Styrene	U		0.000118	0.00100	1	04/10/2025 09:20	WG2486936
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 09:20	WG2486936
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 09:20	WG2486936
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 09:20	WG2486936
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 09:20	WG2486936
Toluene	U		0.000278	0.00100	1	04/10/2025 09:20	WG2486936
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 09:20	WG2486936
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 09:20	WG2486936
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 09:20	WG2486936
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 09:20	WG2486936
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 09:20	WG2486936
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 09:20	WG2486936
o-Xylene	U		0.000174	0.00100	1	04/10/2025 09:20	WG2486936
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 09:20	WG2486936
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 09:20	WG2486936
(S) Toluene-d8	*111*			*80.0-120*		*04/10/2025 09:20*	WG2486936
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*		*04/10/2025 09:20*	WG2486936
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/10/2025 09:20*	WG2486936

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/11/2025 21:25	WG2485489
(S) o-Terphenyl	*95.8*			*52.0-156*		*04/11/2025 21:25*	WG2485489

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Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4270		50.0	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	285		5.47	10.0	10	04/05/2025 08:38	WG2483246
Fluoride	0.814	J	0.761	1.50	10	04/05/2025 08:38	WG2483246
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 08:38	WG2483246
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 08:38	WG2483246
Sulfate	2690		63.7	500	100	04/05/2025 08:52	WG2483246

Sample Narrative:

L1842529-146 WG2483246: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.705		0.0232	0.200	1	04/09/2025 09:48	WG2484497

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0109		0.000120	0.00200	1	04/10/2025 16:26	WG2484522
Barium	0.0152		0.000500	0.00200	1	04/10/2025 16:26	WG2484522
Calcium	500		0.0925	1.00	1	04/10/2025 16:26	WG2484522
Chromium	0.00168	J	0.000900	0.00200	1	04/10/2025 16:26	WG2484522
Iron	0.876		0.0226	0.100	1	04/10/2025 16:26	WG2484522
Lead	U		0.000500	0.00200	1	04/10/2025 16:26	WG2484522
Manganese	0.0148		0.000700	0.00500	1	04/10/2025 16:26	WG2484522
Potassium	1.79	J	0.0965	2.00	1	04/10/2025 16:26	WG2484522
Selenium	0.00459		0.000250	0.00200	1	04/10/2025 16:26	WG2484522
Sodium	241		0.142	2.00	1	04/10/2025 16:26	WG2484522
Uranium	0.0426		0.000130	0.00100	1	04/10/2025 16:26	WG2484522

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0328	J	0.0314	0.100	1	04/09/2025 07:09	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*93.4*			*78.0-120*		*04/09/2025 07:09*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 18:51	WG2487743
Benzene	0.000218	J	0.0000941	0.00100	1	04/11/2025 18:51	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 18:51	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 18:51	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 18:51	WG2487743
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 18:51	WG2487743
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 18:51	WG2487743
Carbon disulfide	0.000175	J	0.0000962	0.00100	1	04/11/2025 18:51	WG2487743
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 18:51	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 18:51	WG2487743

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 18:51	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 18:51	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 18:51	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 18:51	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 18:51	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 18:51	WG2487743
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 18:51	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 18:51	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 18:51	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 18:51	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 18:51	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 18:51	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 18:51	WG2487743
Ethylbenzene	0.000431	J	0.000137	0.00100	1	04/11/2025 18:51	WG2487743
Isopropylbenzene	0.000118	J	0.000105	0.00100	1	04/11/2025 18:51	WG2487743
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 18:51	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 18:51	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 18:51	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 18:51	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 18:51	WG2487743
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 18:51	WG2487743
Naphthalene	U		0.00100	0.00500	1	04/14/2025 16:01	WG2489985
n-Propylbenzene	0.000177	J	0.0000993	0.00100	1	04/11/2025 18:51	WG2487743
Styrene	U		0.000118	0.00100	1	04/11/2025 18:51	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 18:51	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 18:51	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 18:51	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 18:51	WG2487743
Toluene	U		0.000278	0.00100	1	04/11/2025 18:51	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 18:51	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 18:51	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 18:51	WG2487743
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 18:51	WG2487743
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 18:51	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 18:51	WG2487743
o-Xylene	U		0.000174	0.00100	1	04/11/2025 18:51	WG2487743
m&p-Xylene	0.000435	J	0.000430	0.00200	1	04/11/2025 18:51	WG2487743
Xylenes, Total	0.000435	J	0.000174	0.00300	1	04/11/2025 18:51	WG2487743
(S) Toluene-d8	*105*			*80.0-120*		*04/11/2025 18:51*	WG2487743
(S) Toluene-d8	*106*			*80.0-120*		*04/14/2025 16:01*	WG2489985
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/11/2025 18:51*	WG2487743
(S) 4-Bromofluorobenzene	*92.4*			*77.0-126*		*04/14/2025 16:01*	WG2489985
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*04/11/2025 18:51*	WG2487743
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/14/2025 16:01*	WG2489985

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.228		0.0605	0.100	1	04/09/2025 12:40	WG2485490
(S) o-Terphenyl	*136*			*52.0-156*		*04/09/2025 12:40*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		200	1	04/05/2025 14:45	WG2483465

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	0.981	J	0.547	1.00	1	04/05/2025 09:05	WG2483246
Fluoride	U		0.0761	0.150	1	04/05/2025 09:05	WG2483246
Nitrate as (N)	U	T8	0.0884	0.100	1	04/05/2025 09:05	WG2483246
Nitrite as (N)	U	T8	0.0794	0.100	1	04/05/2025 09:05	WG2483246
Sulfate	U		0.637	5.00	1	04/05/2025 09:05	WG2483246

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.0318	J	0.0232	0.200	1	04/09/2025 09:49	WG2484497

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	04/10/2025 16:29	WG2484522
Barium	0.000636	J	0.000500	0.00200	1	04/10/2025 16:29	WG2484522
Calcium	0.313	J	0.0925	1.00	1	04/10/2025 16:29	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 16:29	WG2484522
Iron	U		0.0226	0.100	1	04/10/2025 16:29	WG2484522
Lead	U		0.000500	0.00200	1	04/10/2025 16:29	WG2484522
Manganese	0.000865	J	0.000700	0.00500	1	04/10/2025 16:29	WG2484522
Potassium	0.139	J	0.0965	2.00	1	04/10/2025 16:29	WG2484522
Selenium	U		0.000250	0.00200	1	04/10/2025 16:29	WG2484522
Sodium	3.23		0.142	2.00	1	04/10/2025 16:29	WG2484522
Uranium	U		0.000130	0.00100	1	04/10/2025 16:29	WG2484522

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 01:45	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*92.5*			*78.0-120*		*04/09/2025 01:45*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/10/2025 09:43	WG2486936
Benzene	U		0.0000941	0.00100	1	04/10/2025 09:43	WG2486936
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 09:43	WG2486936
Bromoform	U		0.000129	0.00100	1	04/10/2025 09:43	WG2486936
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 09:43	WG2486936
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 09:43	WG2486936
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 09:43	WG2486936
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 09:43	WG2486936
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 09:43	WG2486936
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 09:43	WG2486936
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 09:43	WG2486936
Chloroethane	U		0.000192	0.00500	1	04/10/2025 09:43	WG2486936
Chloroform	U		0.000111	0.00500	1	04/10/2025 09:43	WG2486936

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.000960	0.00250	1	04/10/2025 09:43	WG2486936
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 09:43	WG2486936
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 09:43	WG2486936
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 09:43	WG2486936
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 09:43	WG2486936
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 09:43	WG2486936
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 09:43	WG2486936
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 09:43	WG2486936
cis-1,3-Dichloropropene	U	C3 J4	0.000111	0.00100	1	04/10/2025 09:43	WG2486936
trans-1,3-Dichloropropene	U	C3 J4	0.000118	0.00100	1	04/10/2025 09:43	WG2486936
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 09:43	WG2486936
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 09:43	WG2486936
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 09:43	WG2486936
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 09:43	WG2486936
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 09:43	WG2486936
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 09:43	WG2486936
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 09:43	WG2486936
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 09:43	WG2486936
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 09:43	WG2486936
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 09:43	WG2486936
Styrene	U		0.000118	0.00100	1	04/10/2025 09:43	WG2486936
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 09:43	WG2486936
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 09:43	WG2486936
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 09:43	WG2486936
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 09:43	WG2486936
Toluene	U		0.000278	0.00100	1	04/10/2025 09:43	WG2486936
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 09:43	WG2486936
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 09:43	WG2486936
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 09:43	WG2486936
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 09:43	WG2486936
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 09:43	WG2486936
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 09:43	WG2486936
o-Xylene	U		0.000174	0.00100	1	04/10/2025 09:43	WG2486936
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 09:43	WG2486936
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 09:43	WG2486936
(S) Toluene-d8	*109*			*80.0-120*		*04/10/2025 09:43*	WG2486936
(S) 4-Bromofluorobenzene	*99.1*			*77.0-126*		*04/10/2025 09:43*	WG2486936
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*04/10/2025 09:43*	WG2486936

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 13:00	WG2485490
(S) o-Terphenyl	*139*			*52.0-156*		*04/09/2025 13:00*	WG2485490

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/10/2025 08:24	WG2486936
Benzene	U		0.0000941	0.00100	1	04/10/2025 08:24	WG2486936
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 08:24	WG2486936
Bromoform	U		0.000129	0.00100	1	04/10/2025 08:24	WG2486936
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 08:24	WG2486936
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 08:24	WG2486936
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 08:24	WG2486936
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 08:24	WG2486936
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 08:24	WG2486936
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 08:24	WG2486936
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 08:24	WG2486936
Chloroethane	U		0.000192	0.00500	1	04/10/2025 08:24	WG2486936
Chloroform	U		0.000111	0.00500	1	04/10/2025 08:24	WG2486936
Chloromethane	U		0.000960	0.00250	1	04/10/2025 08:24	WG2486936
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 08:24	WG2486936
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 08:24	WG2486936
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 08:24	WG2486936
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 08:24	WG2486936
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 08:24	WG2486936
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 08:24	WG2486936
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 08:24	WG2486936
cis-1,3-Dichloropropene	U	C3 J4	0.000111	0.00100	1	04/10/2025 08:24	WG2486936
trans-1,3-Dichloropropene	U	C3 J4	0.000118	0.00100	1	04/10/2025 08:24	WG2486936
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 08:24	WG2486936
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 08:24	WG2486936
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 08:24	WG2486936
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 08:24	WG2486936
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 08:24	WG2486936
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 08:24	WG2486936
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 08:24	WG2486936
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 08:24	WG2486936
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 08:24	WG2486936
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 08:24	WG2486936
Styrene	U		0.000118	0.00100	1	04/10/2025 08:24	WG2486936
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 08:24	WG2486936
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 08:24	WG2486936
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 08:24	WG2486936
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 08:24	WG2486936
Toluene	U		0.000278	0.00100	1	04/10/2025 08:24	WG2486936
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 08:24	WG2486936
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 08:24	WG2486936
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 08:24	WG2486936
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 08:24	WG2486936
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 08:24	WG2486936
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 08:24	WG2486936
o-Xylene	U		0.000174	0.00100	1	04/10/2025 08:24	WG2486936
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 08:24	WG2486936
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 08:24	WG2486936
(S) Toluene-d8	*109*			*80.0-120*		*04/10/2025 08:24*	WG2486936
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/10/2025 08:24*	WG2486936
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/10/2025 08:24*	WG2486936

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Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/10/2025 08:47	WG2486936
Benzene	U		0.0000941	0.00100	1	04/10/2025 08:47	WG2486936
Bromodichloromethane	U		0.000136	0.00100	1	04/10/2025 08:47	WG2486936
Bromoform	U		0.000129	0.00100	1	04/10/2025 08:47	WG2486936
Bromomethane	U	C3	0.000605	0.00500	1	04/10/2025 08:47	WG2486936
n-Butylbenzene	U		0.000157	0.00100	1	04/10/2025 08:47	WG2486936
sec-Butylbenzene	U		0.000125	0.00100	1	04/10/2025 08:47	WG2486936
Carbon disulfide	U		0.0000962	0.00100	1	04/10/2025 08:47	WG2486936
Carbon tetrachloride	U		0.000128	0.00100	1	04/10/2025 08:47	WG2486936
Chlorobenzene	U		0.000116	0.00100	1	04/10/2025 08:47	WG2486936
Chlorodibromomethane	U		0.000140	0.00100	1	04/10/2025 08:47	WG2486936
Chloroethane	U		0.000192	0.00500	1	04/10/2025 08:47	WG2486936
Chloroform	U		0.000111	0.00500	1	04/10/2025 08:47	WG2486936
Chloromethane	U		0.000960	0.00250	1	04/10/2025 08:47	WG2486936
1,2-Dibromoethane	U		0.000126	0.00100	1	04/10/2025 08:47	WG2486936
1,1-Dichloroethane	U		0.000100	0.00100	1	04/10/2025 08:47	WG2486936
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/10/2025 08:47	WG2486936
1,1-Dichloroethene	U		0.000188	0.00100	1	04/10/2025 08:47	WG2486936
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/10/2025 08:47	WG2486936
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/10/2025 08:47	WG2486936
1,2-Dichloropropane	U		0.000149	0.00100	1	04/10/2025 08:47	WG2486936
cis-1,3-Dichloropropene	U	C3 J4	0.000111	0.00100	1	04/10/2025 08:47	WG2486936
trans-1,3-Dichloropropene	U	C3 J4	0.000118	0.00100	1	04/10/2025 08:47	WG2486936
Ethylbenzene	U		0.000137	0.00100	1	04/10/2025 08:47	WG2486936
Isopropylbenzene	U		0.000105	0.00100	1	04/10/2025 08:47	WG2486936
p-Isopropyltoluene	U		0.000120	0.00100	1	04/10/2025 08:47	WG2486936
2-Butanone (MEK)	U		0.00119	0.0100	1	04/10/2025 08:47	WG2486936
2-Hexanone	U		0.000787	0.0100	1	04/10/2025 08:47	WG2486936
Methylene Chloride	U		0.000430	0.00500	1	04/10/2025 08:47	WG2486936
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/10/2025 08:47	WG2486936
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/10/2025 08:47	WG2486936
Naphthalene	U	C3	0.00100	0.00500	1	04/10/2025 08:47	WG2486936
n-Propylbenzene	U		0.0000993	0.00100	1	04/10/2025 08:47	WG2486936
Styrene	U		0.000118	0.00100	1	04/10/2025 08:47	WG2486936
tert-Butyl alcohol	U		0.00406	0.00500	1	04/10/2025 08:47	WG2486936
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/10/2025 08:47	WG2486936
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/10/2025 08:47	WG2486936
Tetrachloroethene	U		0.000300	0.00100	1	04/10/2025 08:47	WG2486936
Toluene	U		0.000278	0.00100	1	04/10/2025 08:47	WG2486936
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/10/2025 08:47	WG2486936
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/10/2025 08:47	WG2486936
Trichloroethene	U		0.000190	0.00100	1	04/10/2025 08:47	WG2486936
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/10/2025 08:47	WG2486936
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/10/2025 08:47	WG2486936
Vinyl chloride	U		0.000234	0.00100	1	04/10/2025 08:47	WG2486936
o-Xylene	U		0.000174	0.00100	1	04/10/2025 08:47	WG2486936
m&p-Xylene	U		0.000430	0.00200	1	04/10/2025 08:47	WG2486936
Xylenes, Total	U		0.000174	0.00300	1	04/10/2025 08:47	WG2486936
(S) Toluene-d8	*108*			*80.0-120*		*04/10/2025 08:47*	WG2486936
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/10/2025 08:47*	WG2486936
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*04/10/2025 08:47*	WG2486936

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Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2880		50.0	1	04/08/2025 13:12	WG2485112

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	312		2.74	5.00	5	04/06/2025 05:44	WG2483920
Fluoride	2.65		0.380	0.750	5	04/06/2025 05:44	WG2483920
Nitrate as (N)	0.960	T8	0.442	0.500	5	04/06/2025 05:44	WG2483920
Nitrite as (N)	U	T8	0.397	0.500	5	04/06/2025 05:44	WG2483920
Sulfate	1300		12.7	100	20	04/06/2025 05:57	WG2483920

Sample Narrative:

L1842529-151 WG2483920: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.447		0.0232	0.200	1	04/09/2025 09:51	WG2484497
Boron,Dissolved	0.480		0.0232	0.200	1	04/09/2025 17:24	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00290		0.000120	0.00200	1	04/10/2025 16:32	WG2484522
Arsenic,Dissolved	0.00295		0.000120	0.00200	1	04/10/2025 12:47	WG2484488
Barium	0.0113		0.000500	0.00200	1	04/10/2025 16:32	WG2484522
Calcium	436		0.0925	1.00	1	04/10/2025 16:32	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 16:32	WG2484522
Iron	0.0228	J	0.0226	0.100	1	04/10/2025 16:32	WG2484522
Iron,Dissolved	U		0.0226	0.100	1	04/10/2025 12:47	WG2484488
Lead	U		0.000500	0.00200	1	04/10/2025 16:32	WG2484522
Manganese	0.00608		0.000700	0.00500	1	04/10/2025 16:32	WG2484522
Manganese,Dissolved	0.00417	J	0.000700	0.00500	1	04/10/2025 12:47	WG2484488
Potassium	5.24		0.0965	2.00	1	04/10/2025 16:32	WG2484522
Selenium	0.00297		0.000250	0.00200	1	04/10/2025 16:32	WG2484522
Sodium	187		0.142	2.00	1	04/10/2025 16:32	WG2484522
Uranium	0.0116		0.000130	0.00100	1	04/10/2025 16:32	WG2484522
Uranium,Dissolved	0.0129		0.000130	0.00100	1	04/10/2025 12:47	WG2484488

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0470	J	0.0314	0.100	1	04/09/2025 07:30	WG2485895
(S) a,a,a-Trifluorotoluene(FID)	*94.0*			*78.0-120*		*04/09/2025 07:30*	WG2485895

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 19:11	WG2487743
Benzene	U		0.0000941	0.00100	1	04/11/2025 19:11	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 19:11	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 19:11	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 19:11	WG2487743

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 19:11	WG2487743
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 19:11	WG2487743
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 19:11	WG2487743
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 19:11	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 19:11	WG2487743
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 19:11	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 19:11	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 19:11	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 19:11	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 19:11	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 19:11	WG2487743
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 19:11	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 19:11	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 19:11	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 19:11	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 19:11	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 19:11	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 19:11	WG2487743
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 19:11	WG2487743
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 19:11	WG2487743
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 19:11	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 19:11	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 19:11	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 19:11	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 19:11	WG2487743
Methyl tert-butyl ether	0.0205		0.000101	0.00100	1	04/11/2025 19:11	WG2487743
Naphthalene	U	J4	0.00100	0.00500	1	04/11/2025 19:11	WG2487743
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 19:11	WG2487743
Styrene	U		0.000118	0.00100	1	04/11/2025 19:11	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 19:11	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 19:11	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 19:11	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 19:11	WG2487743
Toluene	U		0.000278	0.00100	1	04/11/2025 19:11	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 19:11	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 19:11	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 19:11	WG2487743
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 19:11	WG2487743
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 19:11	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 19:11	WG2487743
o-Xylene	U		0.000174	0.00100	1	04/11/2025 19:11	WG2487743
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 19:11	WG2487743
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 19:11	WG2487743
(S) Toluene-d8	*104*			*80.0-120*		*04/11/2025 19:11*	WG2487743
(S) 4-Bromofluorobenzene	*99.9*			*77.0-126*		*04/11/2025 19:11*	WG2487743
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*04/11/2025 19:11*	WG2487743

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.334		0.0605	0.100	1	04/09/2025 14:01	WG2485490
(S) o-Terphenyl	*112*			*52.0-156*		*04/09/2025 14:01*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	4850		50.0	1	04/05/2025 14:45	WG2483465

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	240		5.47	10.0	10	04/05/2025 09:19	WG2483246
Fluoride	3.97		0.761	1.50	10	04/05/2025 09:19	WG2483246
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 09:19	WG2483246
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 09:19	WG2483246
Sulfate	2860		63.7	500	100	04/05/2025 09:32	WG2483246

Sample Narrative:

L1842529-152 WG2483246: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.921		0.0232	0.200	1	04/09/2025 09:53	WG2484497
Boron,Dissolved	0.960		0.0232	0.200	1	04/09/2025 17:27	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00500		0.000120	0.00200	1	04/10/2025 16:36	WG2484522
Arsenic,Dissolved	0.00492		0.000120	0.00200	1	04/10/2025 12:50	WG2484488
Barium	0.0106		0.000500	0.00200	1	04/10/2025 16:36	WG2484522
Calcium	573		0.0925	1.00	1	04/10/2025 16:36	WG2484522
Chromium	U		0.000900	0.00200	1	04/10/2025 16:36	WG2484522
Iron	0.0935	J	0.0226	0.100	1	04/10/2025 16:36	WG2484522
Iron,Dissolved	U		0.0226	0.100	1	04/10/2025 12:50	WG2484488
Lead	U		0.000500	0.00200	1	04/10/2025 16:36	WG2484522
Manganese	0.00308	J	0.000700	0.00500	1	04/10/2025 16:36	WG2484522
Manganese,Dissolved	0.000845	J	0.000700	0.00500	1	04/10/2025 12:50	WG2484488
Potassium	1.52	J	0.0965	2.00	1	04/10/2025 16:36	WG2484522
Selenium	0.0170		0.000250	0.00200	1	04/10/2025 16:36	WG2484522
Sodium	189		0.142	2.00	1	04/10/2025 16:36	WG2484522
Uranium	0.0495		0.000130	0.00100	1	04/10/2025 16:36	WG2484522
Uranium,Dissolved	0.0554		0.000130	0.00100	1	04/10/2025 12:50	WG2484488

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 15:56	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 15:56*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/11/2025 19:32	WG2487743
Benzene	U		0.0000941	0.00100	1	04/11/2025 19:32	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 19:32	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 19:32	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 19:32	WG2487743

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 19:32	WG2487743
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 19:32	WG2487743
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 19:32	WG2487743
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 19:32	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 19:32	WG2487743
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 19:32	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 19:32	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 19:32	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 19:32	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 19:32	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 19:32	WG2487743
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 19:32	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 19:32	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 19:32	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 19:32	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 19:32	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 19:32	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 19:32	WG2487743
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 19:32	WG2487743
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 19:32	WG2487743
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 19:32	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 19:32	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 19:32	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 19:32	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 19:32	WG2487743
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 19:32	WG2487743
Naphthalene	U	J4	0.00100	0.00500	1	04/11/2025 19:32	WG2487743
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 19:32	WG2487743
Styrene	U		0.000118	0.00100	1	04/11/2025 19:32	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 19:32	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 19:32	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 19:32	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 19:32	WG2487743
Toluene	U		0.000278	0.00100	1	04/11/2025 19:32	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 19:32	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 19:32	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 19:32	WG2487743
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 19:32	WG2487743
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 19:32	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 19:32	WG2487743
o-Xylene	U		0.000174	0.00100	1	04/11/2025 19:32	WG2487743
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 19:32	WG2487743
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 19:32	WG2487743
(S) Toluene-d8	*104*			*80.0-120*		*04/11/2025 19:32*	WG2487743
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/11/2025 19:32*	WG2487743
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*04/11/2025 19:32*	WG2487743

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 14:21	WG2485490
(S) o-Terphenyl	*127*			*52.0-156*		*04/09/2025 14:21*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	3800		50.0	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	225		5.47	10.0	10	04/05/2025 09:46	WG2483246
Fluoride	1.14	J	0.761	1.50	10	04/05/2025 09:46	WG2483246
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 09:46	WG2483246
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 09:46	WG2483246
Sulfate	2130		63.7	500	100	04/05/2025 09:59	WG2483246

Sample Narrative:

L1842529-153 WG2483246: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.514		0.0232	0.200	1	04/09/2025 09:55	WG2484497
Boron,Dissolved	0.547		0.0232	0.200	1	04/09/2025 17:30	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00381		0.000120	0.00200	1	04/10/2025 16:39	WG2484522
Arsenic,Dissolved	0.00414		0.000120	0.00200	1	04/10/2025 12:53	WG2484488
Barium	0.0115		0.000500	0.00200	1	04/10/2025 16:39	WG2484522
Calcium	533		0.0925	1.00	1	04/10/2025 16:39	WG2484522
Chromium	0.00104	J	0.000900	0.00200	1	04/10/2025 16:39	WG2484522
Iron	0.170		0.0226	0.100	1	04/10/2025 16:39	WG2484522
Iron,Dissolved	U		0.0226	0.100	1	04/10/2025 12:53	WG2484488
Lead	U		0.000500	0.00200	1	04/10/2025 16:39	WG2484522
Manganese	0.0122		0.000700	0.00500	1	04/10/2025 16:39	WG2484522
Manganese,Dissolved	0.00335	J	0.000700	0.00500	1	04/10/2025 12:53	WG2484488
Potassium	0.746	J	0.0965	2.00	1	04/10/2025 16:39	WG2484522
Selenium	0.00322		0.000250	0.00200	1	04/10/2025 16:39	WG2484522
Sodium	169		0.142	2.00	1	04/10/2025 16:39	WG2484522
Uranium	0.0457		0.000130	0.00100	1	04/10/2025 16:39	WG2484522
Uranium,Dissolved	0.0532		0.000130	0.00100	1	04/10/2025 12:53	WG2484488

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 16:17	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/09/2025 16:17*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/11/2025 19:52	WG2487743
Benzene	U		0.0000941	0.00100	1	04/11/2025 19:52	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 19:52	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 19:52	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 19:52	WG2487743

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 19:52	WG2487743
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 19:52	WG2487743
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 19:52	WG2487743
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 19:52	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 19:52	WG2487743
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 19:52	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 19:52	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 19:52	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 19:52	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 19:52	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 19:52	WG2487743
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 19:52	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 19:52	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 19:52	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 19:52	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 19:52	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 19:52	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 19:52	WG2487743
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 19:52	WG2487743
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 19:52	WG2487743
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 19:52	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 19:52	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 19:52	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 19:52	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 19:52	WG2487743
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 19:52	WG2487743
Naphthalene	U	J4	0.00100	0.00500	1	04/11/2025 19:52	WG2487743
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 19:52	WG2487743
Styrene	U		0.000118	0.00100	1	04/11/2025 19:52	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 19:52	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 19:52	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 19:52	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 19:52	WG2487743
Toluene	U		0.000278	0.00100	1	04/11/2025 19:52	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 19:52	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 19:52	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 19:52	WG2487743
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 19:52	WG2487743
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 19:52	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 19:52	WG2487743
o-Xylene	U		0.000174	0.00100	1	04/11/2025 19:52	WG2487743
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 19:52	WG2487743
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 19:52	WG2487743
(S) Toluene-d8	*105*			*80.0-120*		*04/11/2025 19:52*	WG2487743
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/11/2025 19:52*	WG2487743
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*04/11/2025 19:52*	WG2487743

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.129		0.0605	0.100	1	04/09/2025 14:41	WG2485490
(S) o-Terphenyl	*125*			*52.0-156*		*04/09/2025 14:41*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5030		100	1	04/08/2025 13:12	WG2485112

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	239		5.47	10.0	10	04/06/2025 06:11	WG2483920
Fluoride	2.08		0.761	1.50	10	04/06/2025 06:11	WG2483920
Nitrate as (N)	U	T8	0.884	1.00	10	04/06/2025 06:11	WG2483920
Nitrite as (N)	U	T8	0.794	1.00	10	04/06/2025 06:11	WG2483920
Sulfate	3020		63.7	500	100	04/06/2025 06:24	WG2483920

Sample Narrative:

L1842529-154 WG2483920: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00507		0.000120	0.00200	1	04/10/2025 16:08	WG2484523
Barium	0.0752	J6	0.000500	0.00200	1	04/10/2025 16:08	WG2484523
Calcium	510	V	0.0925	1.00	1	04/10/2025 16:08	WG2484523
Chromium	U		0.000900	0.00200	1	04/10/2025 16:08	WG2484523
Iron	0.714	J6	0.0226	0.100	1	04/10/2025 16:08	WG2484523
Lead	U		0.000500	0.00200	1	04/10/2025 16:08	WG2484523
Manganese	0.00781		0.000700	0.00500	1	04/10/2025 16:08	WG2484523
Potassium	0.370	J	0.0965	2.00	1	04/10/2025 16:08	WG2484523
Selenium	0.00771		0.000250	0.00200	1	04/10/2025 16:08	WG2484523
Sodium	233	V	0.142	2.00	1	04/10/2025 16:08	WG2484523

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 20:13	WG2487743
Benzene	U		0.0000941	0.00100	1	04/11/2025 20:13	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 20:13	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 20:13	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 20:13	WG2487743
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 20:13	WG2487743
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 20:13	WG2487743
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 20:13	WG2487743
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 20:13	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 20:13	WG2487743
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 20:13	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 20:13	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 20:13	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 20:13	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 20:13	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 20:13	WG2487743
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 20:13	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 20:13	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 20:13	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 20:13	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 20:13	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 20:13	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 20:13	WG2487743

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 20:13	WG2487743
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 20:13	WG2487743
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 20:13	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 20:13	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 20:13	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 20:13	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 20:13	WG2487743
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 20:13	WG2487743
Naphthalene	U	J4	0.00100	0.00500	1	04/11/2025 20:13	WG2487743
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 20:13	WG2487743
Styrene	U		0.000118	0.00100	1	04/11/2025 20:13	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 20:13	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 20:13	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 20:13	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 20:13	WG2487743
Toluene	U		0.000278	0.00100	1	04/11/2025 20:13	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 20:13	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 20:13	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 20:13	WG2487743
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 20:13	WG2487743
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 20:13	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 20:13	WG2487743
o-Xylene	U		0.000174	0.00100	1	04/11/2025 20:13	WG2487743
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 20:13	WG2487743
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 20:13	WG2487743
(S) Toluene-d8	*104*			*80.0-120*		*04/11/2025 20:13*	WG2487743
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*		*04/11/2025 20:13*	WG2487743
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*04/11/2025 20:13*	WG2487743

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.184		0.0605	0.100	1	04/09/2025 15:02	WG2485490
(S) o-Terphenyl	*116*			*52.0-156*		*04/09/2025 15:02*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2960		50.0	1	04/05/2025 13:24	WG2483459

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	296	V	2.74	5.00	5	04/04/2025 23:35	WG2483248
Fluoride	1.25		0.380	0.750	5	04/04/2025 23:35	WG2483248
Nitrate as (N)	5.46	J6 T8	0.442	0.500	5	04/04/2025 23:35	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/04/2025 23:35	WG2483248
Sulfate	1680		31.8	250	50	04/05/2025 00:14	WG2483248

Sample Narrative:

L1842529-155 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.467		0.0232	0.200	1	04/09/2025 09:56	WG2484497

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00257		0.000120	0.00200	1	04/10/2025 16:21	WG2484523
Barium	0.0142		0.000500	0.00200	1	04/10/2025 16:21	WG2484523
Calcium	530		0.0925	1.00	1	04/10/2025 16:21	WG2484523
Chromium	U		0.000900	0.00200	1	04/10/2025 16:21	WG2484523
Iron	0.169		0.0226	0.100	1	04/10/2025 16:21	WG2484523
Lead	U		0.000500	0.00200	1	04/10/2025 16:21	WG2484523
Manganese	0.0175		0.000700	0.00500	1	04/10/2025 16:21	WG2484523
Potassium	2.18		0.0965	2.00	1	04/10/2025 16:21	WG2484523
Selenium	0.00604		0.000250	0.00200	1	04/10/2025 16:21	WG2484523
Sodium	77.8		0.142	2.00	1	04/10/2025 16:21	WG2484523
Uranium	0.0318		0.000130	0.00100	1	04/10/2025 16:21	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 16:39	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*99.8*			*78.0-120*		*04/09/2025 16:39*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 20:33	WG2487743
Benzene	U		0.0000941	0.00100	1	04/11/2025 20:33	WG2487743
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 20:33	WG2487743
Bromoform	U		0.000129	0.00100	1	04/11/2025 20:33	WG2487743
Bromomethane	U	J4	0.000605	0.00500	1	04/11/2025 20:33	WG2487743
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 20:33	WG2487743
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 20:33	WG2487743
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 20:33	WG2487743
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 20:33	WG2487743
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 20:33	WG2487743

MW-136
Collected date/time: 04/02/25 10:00
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 20:33	WG2487743
Chloroethane	U		0.000192	0.00500	1	04/11/2025 20:33	WG2487743
Chloroform	U		0.000111	0.00500	1	04/11/2025 20:33	WG2487743
Chloromethane	U		0.000960	0.00250	1	04/11/2025 20:33	WG2487743
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 20:33	WG2487743
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 20:33	WG2487743
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 20:33	WG2487743
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 20:33	WG2487743
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 20:33	WG2487743
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 20:33	WG2487743
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 20:33	WG2487743
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 20:33	WG2487743
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 20:33	WG2487743
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 20:33	WG2487743
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 20:33	WG2487743
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 20:33	WG2487743
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 20:33	WG2487743
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 20:33	WG2487743
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 20:33	WG2487743
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 20:33	WG2487743
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 20:33	WG2487743
Naphthalene	U	J4	0.00100	0.00500	1	04/11/2025 20:33	WG2487743
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 20:33	WG2487743
Styrene	U		0.000118	0.00100	1	04/11/2025 20:33	WG2487743
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 20:33	WG2487743
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 20:33	WG2487743
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 20:33	WG2487743
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 20:33	WG2487743
Toluene	U		0.000278	0.00100	1	04/11/2025 20:33	WG2487743
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 20:33	WG2487743
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 20:33	WG2487743
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 20:33	WG2487743
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 20:33	WG2487743
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 20:33	WG2487743
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 20:33	WG2487743
o-Xylene	U		0.000174	0.00100	1	04/11/2025 20:33	WG2487743
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 20:33	WG2487743
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 20:33	WG2487743
(S) Toluene-d8	*106*			*80.0-120*		*04/11/2025 20:33*	WG2487743
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/11/2025 20:33*	WG2487743
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*04/11/2025 20:33*	WG2487743

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0727	J	0.0605	0.100	1	04/09/2025 15:22	WG2485490
(S) o-Terphenyl	*129*			*52.0-156*		*04/09/2025 15:22*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	4340		50.0	1	04/05/2025 14:45	WG2483465

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	234		2.74	5.00	5	04/04/2025 14:16	WG2483248
Fluoride	0.858		0.380	0.750	5	04/04/2025 14:16	WG2483248
Nitrate as (N)	U	T8	0.442	0.500	5	04/04/2025 14:16	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/04/2025 14:16	WG2483248
Sulfate	2870		31.8	250	50	04/05/2025 00:41	WG2483248

Sample Narrative:

L1842529-156 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron,Dissolved	0.717		0.0232	0.200	1	04/09/2025 17:34	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic,Dissolved	0.00273		0.000120	0.00200	1	04/10/2025 12:57	WG2484488
Calcium	546		0.0925	1.00	1	04/10/2025 16:24	WG2484523
Iron,Dissolved	U		0.0226	0.100	1	04/10/2025 12:57	WG2484488
Manganese,Dissolved	0.0214		0.000700	0.00500	1	04/10/2025 12:57	WG2484488
Potassium	2.21		0.0965	2.00	1	04/10/2025 16:24	WG2484523
Sodium	199		0.142	2.00	1	04/10/2025 16:24	WG2484523
Uranium,Dissolved	0.0444		0.000130	0.00100	1	04/10/2025 12:57	WG2484488

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3830		50.0	1	04/08/2025 13:12	WG2485112

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	240		5.47	10.0	10	04/06/2025 06:38	WG2483920
Fluoride	1.96		0.761	1.50	10	04/06/2025 06:38	WG2483920
Nitrate as (N)	U	T8	0.884	1.00	10	04/06/2025 06:38	WG2483920
Nitrite as (N)	U	T8	0.794	1.00	10	04/06/2025 06:38	WG2483920
Sulfate	2170		63.7	500	100	04/06/2025 06:51	WG2483920

Sample Narrative:

L1842529-157 WG2483920: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.459		0.0232	0.200	1	04/09/2025 10:01	WG2484497
Boron,Dissolved	0.492		0.0232	0.200	1	04/09/2025 17:37	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00361		0.000120	0.00200	1	04/10/2025 16:27	WG2484523
Arsenic,Dissolved	0.00353		0.000120	0.00200	1	04/10/2025 13:00	WG2484488
Barium	0.00994		0.000500	0.00200	1	04/10/2025 16:27	WG2484523
Calcium	548		0.0925	1.00	1	04/10/2025 16:27	WG2484523
Chromium	U		0.000900	0.00200	1	04/10/2025 16:27	WG2484523
Iron	0.0530	J	0.0226	0.100	1	04/10/2025 16:27	WG2484523
Iron,Dissolved	0.191		0.0226	0.100	1	04/10/2025 13:00	WG2484488
Lead	U		0.000500	0.00200	1	04/10/2025 16:27	WG2484523
Manganese	0.0251		0.000700	0.00500	1	04/10/2025 16:27	WG2484523
Manganese,Dissolved	0.0231		0.000700	0.00500	1	04/10/2025 13:00	WG2484488
Potassium	0.916	J	0.0965	2.00	1	04/10/2025 16:27	WG2484523
Selenium	0.00546		0.000250	0.00200	1	04/10/2025 16:27	WG2484523
Sodium	167		0.142	2.00	1	04/10/2025 16:27	WG2484523
Uranium	0.0427		0.000130	0.00100	1	04/10/2025 16:27	WG2484523
Uranium,Dissolved	0.0490		0.000130	0.00100	1	04/10/2025 13:00	WG2484488

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	4440		50.0	1	04/05/2025 14:45	WG2483465

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	252		2.74	5.00	5	04/05/2025 00:54	WG2483248
Fluoride	1.49		0.380	0.750	5	04/05/2025 00:54	WG2483248
Nitrate as (N)	U	T8	0.442	0.500	5	04/05/2025 00:54	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 00:54	WG2483248
Sulfate	2760		31.8	250	50	04/05/2025 01:07	WG2483248

Sample Narrative:

L1842529-158 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.787		0.0232	0.200	1	04/09/2025 10:03	WG2484497
Boron,Dissolved	0.835		0.0232	0.200	1	04/09/2025 17:40	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00417		0.000120	0.00200	1	04/10/2025 16:30	WG2484523
Arsenic,Dissolved	0.00388		0.000120	0.00200	1	04/10/2025 13:03	WG2484488
Barium	0.00849		0.000500	0.00200	1	04/10/2025 16:30	WG2484523
Calcium	519		0.0925	1.00	1	04/10/2025 16:30	WG2484523
Chromium	U		0.000900	0.00200	1	04/10/2025 16:30	WG2484523
Iron	U		0.0226	0.100	1	04/10/2025 16:30	WG2484523
Iron,Dissolved	U		0.0226	0.100	1	04/10/2025 13:03	WG2484488
Lead	U		0.000500	0.00200	1	04/10/2025 16:30	WG2484523
Manganese	0.0316		0.000700	0.00500	1	04/10/2025 16:30	WG2484523
Manganese,Dissolved	0.0259		0.000700	0.00500	1	04/10/2025 13:03	WG2484488
Potassium	0.778	J	0.0965	2.00	1	04/10/2025 16:30	WG2484523
Selenium	0.000606	J	0.000250	0.00200	1	04/10/2025 16:30	WG2484523
Sodium	200		0.142	2.00	1	04/10/2025 16:30	WG2484523
Uranium	0.0490		0.000130	0.00100	1	04/10/2025 16:30	WG2484523
Uranium,Dissolved	0.0564		0.000130	0.00100	1	04/10/2025 13:03	WG2484488

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	4250		50.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	286		2.74	5.00	5	04/05/2025 01:21	WG2483248
Fluoride	1.79		0.380	0.750	5	04/05/2025 01:21	WG2483248
Nitrate as (N)	U	T8	0.442	0.500	5	04/05/2025 01:21	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 01:21	WG2483248
Sulfate	2540		31.8	250	50	04/05/2025 01:34	WG2483248

Sample Narrative:

L1842529-159 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron,Dissolved	0.627		0.0232	0.200	1	04/09/2025 17:43	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic,Dissolved	0.00406		0.000120	0.00200	1	04/10/2025 15:46	WG2484488
Iron,Dissolved	U		0.0226	0.100	1	04/10/2025 15:46	WG2484488
Manganese,Dissolved	0.145		0.000700	0.00500	1	04/10/2025 15:46	WG2484488
Uranium,Dissolved	0.0676		0.000130	0.00100	1	04/10/2025 15:46	WG2484488

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3850		50.0	1	04/05/2025 14:45	WG2483465

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	184		2.74	5.00	5	04/05/2025 01:48	WG2483248
Fluoride	0.486	J	0.380	0.750	5	04/05/2025 01:48	WG2483248
Nitrate as (N)	8.17	T8	0.442	0.500	5	04/05/2025 01:48	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 01:48	WG2483248
Sulfate	2350		31.8	250	50	04/05/2025 02:01	WG2483248

Sample Narrative:

L1842529-160 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.606		0.0232	0.200	1	04/09/2025 10:05	WG2484497

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00383		0.000120	0.00200	1	04/10/2025 16:46	WG2484523
Barium	0.0203		0.000500	0.00200	1	04/10/2025 16:46	WG2484523
Calcium	482		0.0925	1.00	1	04/10/2025 16:46	WG2484523
Chromium	0.00299		0.000900	0.00200	1	04/10/2025 16:46	WG2484523
Iron	1.49		0.0226	0.100	1	04/10/2025 16:46	WG2484523
Lead	0.00142	J	0.000500	0.00200	1	04/10/2025 16:46	WG2484523
Manganese	0.0229		0.000700	0.00500	1	04/10/2025 16:46	WG2484523
Potassium	0.905	J	0.0965	2.00	1	04/10/2025 16:46	WG2484523
Selenium	0.00890		0.000250	0.00200	1	04/10/2025 16:46	WG2484523
Sodium	194		0.142	2.00	1	04/10/2025 16:46	WG2484523
Uranium	0.0272		0.000130	0.00100	1	04/10/2025 16:46	WG2484523

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 00:50	WG2487707
Benzene	U		0.0000941	0.00100	1	04/11/2025 00:50	WG2487707
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 00:50	WG2487707
Bromoform	U		0.000129	0.00100	1	04/11/2025 00:50	WG2487707
Bromomethane	U		0.000605	0.00500	1	04/11/2025 00:50	WG2487707
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 00:50	WG2487707
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 00:50	WG2487707
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 00:50	WG2487707
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 00:50	WG2487707
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 00:50	WG2487707
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 00:50	WG2487707
Chloroethane	U		0.000192	0.00500	1	04/11/2025 00:50	WG2487707
Chloroform	U		0.000111	0.00500	1	04/11/2025 00:50	WG2487707
Chloromethane	U		0.000960	0.00250	1	04/11/2025 00:50	WG2487707
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 00:50	WG2487707
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 00:50	WG2487707
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 00:50	WG2487707

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 00:50	WG2487707
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 00:50	WG2487707
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 00:50	WG2487707
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 00:50	WG2487707
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 00:50	WG2487707
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 00:50	WG2487707
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 00:50	WG2487707
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 00:50	WG2487707
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 00:50	WG2487707
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/11/2025 00:50	WG2487707
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 00:50	WG2487707
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 00:50	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 00:50	WG2487707
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 00:50	WG2487707
Naphthalene	U	C3 J4	0.00100	0.00500	1	04/11/2025 00:50	WG2487707
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 00:50	WG2487707
Styrene	U		0.000118	0.00100	1	04/11/2025 00:50	WG2487707
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 00:50	WG2487707
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 00:50	WG2487707
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 00:50	WG2487707
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 00:50	WG2487707
Toluene	U		0.000278	0.00100	1	04/11/2025 00:50	WG2487707
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 00:50	WG2487707
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 00:50	WG2487707
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 00:50	WG2487707
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 00:50	WG2487707
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 00:50	WG2487707
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 00:50	WG2487707
o-Xylene	U		0.000174	0.00100	1	04/11/2025 00:50	WG2487707
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 00:50	WG2487707
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 00:50	WG2487707
(S) Toluene-d8	*100*			*80.0-120*		*04/11/2025 00:50*	WG2487707
(S) 4-Bromofluorobenzene	*96.7*			*77.0-126*		*04/11/2025 00:50*	WG2487707
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*04/11/2025 00:50*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 15:42	WG2485490
(S) o-Terphenyl	*125*			*52.0-156*		*04/09/2025 15:42*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2800		50.0	1	04/05/2025 14:45	WG2483465

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	124		2.74	5.00	5	04/05/2025 02:41	WG2483248
Fluoride	U		0.380	0.750	5	04/05/2025 02:41	WG2483248
Nitrate as (N)	7.13	T8	0.442	0.500	5	04/05/2025 02:41	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 02:41	WG2483248
Sulfate	1560		31.8	250	50	04/05/2025 02:55	WG2483248

Sample Narrative:

L1842529-161 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 01:10	WG2487707
Benzene	U		0.0000941	0.00100	1	04/11/2025 01:10	WG2487707
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 01:10	WG2487707
Bromoform	U		0.000129	0.00100	1	04/11/2025 01:10	WG2487707
Bromomethane	U		0.000605	0.00500	1	04/11/2025 01:10	WG2487707
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 01:10	WG2487707
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 01:10	WG2487707
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 01:10	WG2487707
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 01:10	WG2487707
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 01:10	WG2487707
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 01:10	WG2487707
Chloroethane	U		0.000192	0.00500	1	04/11/2025 01:10	WG2487707
Chloroform	U		0.000111	0.00500	1	04/11/2025 01:10	WG2487707
Chloromethane	U		0.000960	0.00250	1	04/11/2025 01:10	WG2487707
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 01:10	WG2487707
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 01:10	WG2487707
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 01:10	WG2487707
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 01:10	WG2487707
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 01:10	WG2487707
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 01:10	WG2487707
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 01:10	WG2487707
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 01:10	WG2487707
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 01:10	WG2487707
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 01:10	WG2487707
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 01:10	WG2487707
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 01:10	WG2487707
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/11/2025 01:10	WG2487707
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 01:10	WG2487707
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 01:10	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 01:10	WG2487707
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 01:10	WG2487707
Naphthalene	U	C3 J4	0.00100	0.00500	1	04/11/2025 01:10	WG2487707
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 01:10	WG2487707
Styrene	U		0.000118	0.00100	1	04/11/2025 01:10	WG2487707
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 01:10	WG2487707
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 01:10	WG2487707
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 01:10	WG2487707
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 01:10	WG2487707

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Toluene	U		0.000278	0.00100	1	04/11/2025 01:10	WG2487707
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 01:10	WG2487707
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 01:10	WG2487707
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 01:10	WG2487707
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 01:10	WG2487707
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 01:10	WG2487707
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 01:10	WG2487707
o-Xylene	U		0.000174	0.00100	1	04/11/2025 01:10	WG2487707
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 01:10	WG2487707
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 01:10	WG2487707
(S) Toluene-d8	*101*			*80.0-120*		*04/11/2025 01:10*	WG2487707
(S) 4-Bromofluorobenzene	*94.9*			*77.0-126*		*04/11/2025 01:10*	WG2487707
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*		*04/11/2025 01:10*	WG2487707

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3370		100	1	04/05/2025 14:45	WG2483465

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1220		27.4	50.0	50	04/05/2025 03:08	WG2483248
Fluoride	3.70		0.380	0.750	5	04/04/2025 14:03	WG2483248
Nitrate as (N)	U	T8	0.442	0.500	5	04/04/2025 14:03	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/04/2025 14:03	WG2483248
Sulfate	265		3.18	25.0	5	04/04/2025 14:03	WG2483248

Sample Narrative:

L1842529-162 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00233		0.000120	0.00200	1	04/10/2025 16:50	WG2484523
Barium	0.168		0.000500	0.00200	1	04/10/2025 16:50	WG2484523
Calcium	69.4		0.0925	1.00	1	04/10/2025 16:50	WG2484523
Chromium	U		0.000900	0.00200	1	04/10/2025 16:50	WG2484523
Iron	0.0762	J	0.0226	0.100	1	04/10/2025 16:50	WG2484523
Lead	0.00173	J	0.000500	0.00200	1	04/10/2025 16:50	WG2484523
Manganese	0.00315	J	0.000700	0.00500	1	04/10/2025 16:50	WG2484523
Potassium	0.636	J	0.0965	2.00	1	04/10/2025 16:50	WG2484523
Selenium	U		0.000250	0.00200	1	04/10/2025 16:50	WG2484523
Sodium	1240		0.710	10.0	5	04/10/2025 17:42	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	3.02		0.157	0.500	5	04/09/2025 18:46	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/09/2025 18:46*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.113	0.500	10	04/11/2025 06:12	WG2487707
Benzene	0.770		0.000941	0.0100	10	04/11/2025 06:12	WG2487707
Bromodichloromethane	U		0.00136	0.0100	10	04/11/2025 06:12	WG2487707
Bromoform	U		0.00129	0.0100	10	04/11/2025 06:12	WG2487707
Bromomethane	U		0.00605	0.0500	10	04/11/2025 06:12	WG2487707
n-Butylbenzene	0.00195	J	0.00157	0.0100	10	04/11/2025 06:12	WG2487707
sec-Butylbenzene	0.00370	J	0.00125	0.0100	10	04/11/2025 06:12	WG2487707
Carbon disulfide	0.00163	J	0.000962	0.0100	10	04/11/2025 06:12	WG2487707
Carbon tetrachloride	U		0.00128	0.0100	10	04/11/2025 06:12	WG2487707
Chlorobenzene	U		0.00116	0.0100	10	04/11/2025 06:12	WG2487707
Chlorodibromomethane	U		0.00140	0.0100	10	04/11/2025 06:12	WG2487707
Chloroethane	U		0.00192	0.0500	10	04/11/2025 06:12	WG2487707
Chloroform	U		0.00111	0.0500	10	04/11/2025 06:12	WG2487707
Chloromethane	U		0.00960	0.0250	10	04/11/2025 06:12	WG2487707
1,2-Dibromoethane	U		0.00126	0.0100	10	04/11/2025 06:12	WG2487707
1,1-Dichloroethane	U		0.00100	0.0100	10	04/11/2025 06:12	WG2487707

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Collected date/time: 04/02/25 13:45
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000819	0.0100	10	04/11/2025 06:12	WG2487707
1,1-Dichloroethene	U		0.00188	0.0100	10	04/11/2025 06:12	WG2487707
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	04/11/2025 06:12	WG2487707
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	04/11/2025 06:12	WG2487707
1,2-Dichloropropane	U		0.00149	0.0100	10	04/11/2025 06:12	WG2487707
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/11/2025 06:12	WG2487707
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/11/2025 06:12	WG2487707
Ethylbenzene	U		0.00137	0.0100	10	04/11/2025 06:12	WG2487707
Isopropylbenzene	0.0199		0.00105	0.0100	10	04/11/2025 06:12	WG2487707
p-Isopropyltoluene	U		0.00120	0.0100	10	04/11/2025 06:12	WG2487707
2-Butanone (MEK)	U	C3	0.0119	0.100	10	04/11/2025 06:12	WG2487707
2-Hexanone	U		0.00787	0.100	10	04/11/2025 06:12	WG2487707
Methylene Chloride	U		0.00430	0.0500	10	04/11/2025 06:12	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/11/2025 06:12	WG2487707
Methyl tert-butyl ether	U		0.00101	0.0100	10	04/11/2025 06:12	WG2487707
Naphthalene	U	C3 J4	0.0100	0.0500	10	04/11/2025 06:12	WG2487707
n-Propylbenzene	0.0261		0.000993	0.0100	10	04/11/2025 06:12	WG2487707
Styrene	U		0.00118	0.0100	10	04/11/2025 06:12	WG2487707
tert-Butyl alcohol	0.0502	C3	0.0406	0.0500	10	04/11/2025 06:12	WG2487707
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/11/2025 06:12	WG2487707
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/11/2025 06:12	WG2487707
Tetrachloroethene	U		0.00300	0.0100	10	04/11/2025 06:12	WG2487707
Toluene	0.00772	J	0.00278	0.0100	10	04/11/2025 06:12	WG2487707
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/11/2025 06:12	WG2487707
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/11/2025 06:12	WG2487707
Trichloroethene	U		0.00190	0.0100	10	04/11/2025 06:12	WG2487707
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/11/2025 06:12	WG2487707
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/11/2025 06:12	WG2487707
Vinyl chloride	U		0.00234	0.0100	10	04/11/2025 06:12	WG2487707
o-Xylene	U		0.00174	0.0100	10	04/11/2025 06:12	WG2487707
m&p-Xylene	U		0.00430	0.0200	10	04/11/2025 06:12	WG2487707
Xylenes, Total	U		0.00174	0.0300	10	04/11/2025 06:12	WG2487707
(S) Toluene-d8	*99.4*			*80.0-120*		*04/11/2025 06:12*	WG2487707
(S) 4-Bromofluorobenzene	*99.9*			*77.0-126*		*04/11/2025 06:12*	WG2487707
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*		*04/11/2025 06:12*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.48		0.0605	0.100	1	04/09/2025 16:03	WG2485490
(S) o-Terphenyl	*108*			*52.0-156*		*04/09/2025 16:03*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1620		25.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	213		2.74	5.00	5	04/04/2025 14:29	WG2483248
Fluoride	1.36		0.380	0.750	5	04/04/2025 14:29	WG2483248
Nitrate as (N)	U	T8	0.442	0.500	5	04/04/2025 14:29	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/04/2025 14:29	WG2483248
Sulfate	706		6.37	50.0	10	04/05/2025 03:22	WG2483248

Sample Narrative:

L1842529-163 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00447		0.000120	0.00200	1	04/10/2025 16:53	WG2484523
Barium	0.0288		0.000500	0.00200	1	04/10/2025 16:53	WG2484523
Calcium	239		0.0925	1.00	1	04/10/2025 16:53	WG2484523
Chromium	U		0.000900	0.00200	1	04/10/2025 16:53	WG2484523
Iron	U		0.0226	0.100	1	04/10/2025 16:53	WG2484523
Lead	U		0.000500	0.00200	1	04/10/2025 16:53	WG2484523
Manganese	0.0237		0.000700	0.00500	1	04/10/2025 16:53	WG2484523
Potassium	4.35		0.0965	2.00	1	04/10/2025 16:53	WG2484523
Selenium	U		0.000250	0.00200	1	04/10/2025 16:53	WG2484523
Sodium	133		0.142	2.00	1	04/10/2025 16:53	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.827		0.0314	0.100	1	04/09/2025 17:00	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*95.3*			*78.0-120*		*04/09/2025 17:00*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 01:30	WG2487707
Benzene	0.00759		0.0000941	0.00100	1	04/11/2025 01:30	WG2487707
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 01:30	WG2487707
Bromoform	U		0.000129	0.00100	1	04/11/2025 01:30	WG2487707
Bromomethane	U		0.000605	0.00500	1	04/11/2025 01:30	WG2487707
n-Butylbenzene	0.000469	J	0.000157	0.00100	1	04/11/2025 01:30	WG2487707
sec-Butylbenzene	0.0369		0.000125	0.00100	1	04/11/2025 01:30	WG2487707
Carbon disulfide	0.000417	J	0.0000962	0.00100	1	04/11/2025 01:30	WG2487707
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 01:30	WG2487707
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 01:30	WG2487707
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 01:30	WG2487707
Chloroethane	U		0.000192	0.00500	1	04/11/2025 01:30	WG2487707
Chloroform	U		0.000111	0.00500	1	04/11/2025 01:30	WG2487707
Chloromethane	U		0.000960	0.00250	1	04/11/2025 01:30	WG2487707
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 01:30	WG2487707
1,1-Dichloroethane	0.000104	J	0.000100	0.00100	1	04/11/2025 01:30	WG2487707

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Collected date/time: 04/02/25 14:25
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Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 01:30	WG2487707
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 01:30	WG2487707
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 01:30	WG2487707
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 01:30	WG2487707
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 01:30	WG2487707
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 01:30	WG2487707
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 01:30	WG2487707
Ethylbenzene	0.000199	J	0.000137	0.00100	1	04/11/2025 01:30	WG2487707
Isopropylbenzene	0.0674		0.000105	0.00100	1	04/11/2025 01:30	WG2487707
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 01:30	WG2487707
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/11/2025 01:30	WG2487707
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 01:30	WG2487707
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 01:30	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 01:30	WG2487707
Methyl tert-butyl ether	0.000430	J	0.000101	0.00100	1	04/11/2025 01:30	WG2487707
Naphthalene	U	C3 J4	0.00100	0.00500	1	04/11/2025 01:30	WG2487707
n-Propylbenzene	0.0264		0.0000993	0.00100	1	04/11/2025 01:30	WG2487707
Styrene	U		0.000118	0.00100	1	04/11/2025 01:30	WG2487707
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 01:30	WG2487707
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 01:30	WG2487707
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 01:30	WG2487707
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 01:30	WG2487707
Toluene	U		0.000278	0.00100	1	04/11/2025 01:30	WG2487707
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 01:30	WG2487707
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 01:30	WG2487707
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 01:30	WG2487707
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 01:30	WG2487707
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 01:30	WG2487707
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 01:30	WG2487707
o-Xylene	U		0.000174	0.00100	1	04/11/2025 01:30	WG2487707
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 01:30	WG2487707
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 01:30	WG2487707
(S) Toluene-d8	*92.1*			*80.0-120*		*04/11/2025 01:30*	WG2487707
(S) 4-Bromofluorobenzene	*89.6*			*77.0-126*		*04/11/2025 01:30*	WG2487707
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*		*04/11/2025 01:30*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.12		0.0605	0.100	1	04/09/2025 16:23	WG2485490
(S) o-Terphenyl	*111*			*52.0-156*		*04/09/2025 16:23*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1470		50.0	1	04/06/2025 11:54	WG2483778

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	283		2.74	5.00	5	04/05/2025 03:35	WG2483248
Fluoride	0.763		0.380	0.750	5	04/05/2025 03:35	WG2483248
Nitrate as (N)	U	T8	0.442	0.500	5	04/05/2025 03:35	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 03:35	WG2483248
Sulfate	6.61	J	3.18	25.0	5	04/05/2025 03:35	WG2483248

Sample Narrative:

L1842529-164 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0252		0.000120	0.00200	1	04/10/2025 16:56	WG2484523
Barium	1.83		0.00250	0.0100	5	04/10/2025 17:45	WG2484523
Calcium	85.4		0.0925	1.00	1	04/10/2025 16:56	WG2484523
Chromium	U		0.000900	0.00200	1	04/10/2025 16:56	WG2484523
Iron	0.0985	J	0.0226	0.100	1	04/10/2025 16:56	WG2484523
Lead	U		0.000500	0.00200	1	04/10/2025 16:56	WG2484523
Manganese	0.0589		0.000700	0.00500	1	04/10/2025 16:56	WG2484523
Potassium	0.645	J	0.0965	2.00	1	04/10/2025 16:56	WG2484523
Selenium	U		0.000250	0.00200	1	04/10/2025 16:56	WG2484523
Sodium	345		0.142	2.00	1	04/10/2025 16:56	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	56.1		0.785	2.50	25	04/09/2025 19:07	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*98.4*			*78.0-120*		*04/09/2025 19:07*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		5.65	25.0	500	04/11/2025 06:32	WG2487707
Benzene	18.4		0.0471	0.500	500	04/11/2025 06:32	WG2487707
Bromodichloromethane	U		0.0680	0.500	500	04/11/2025 06:32	WG2487707
Bromoform	U		0.0645	0.500	500	04/11/2025 06:32	WG2487707
Bromomethane	U		0.303	2.50	500	04/11/2025 06:32	WG2487707
n-Butylbenzene	U		0.0785	0.500	500	04/11/2025 06:32	WG2487707
sec-Butylbenzene	U		0.0625	0.500	500	04/11/2025 06:32	WG2487707
Carbon disulfide	U		0.0481	0.500	500	04/11/2025 06:32	WG2487707
Carbon tetrachloride	U		0.0640	0.500	500	04/11/2025 06:32	WG2487707
Chlorobenzene	U		0.0580	0.500	500	04/11/2025 06:32	WG2487707
Chlorodibromomethane	U		0.0700	0.500	500	04/11/2025 06:32	WG2487707
Chloroethane	U		0.0960	2.50	500	04/11/2025 06:32	WG2487707
Chloroform	U		0.0555	2.50	500	04/11/2025 06:32	WG2487707
Chloromethane	U		0.480	1.25	500	04/11/2025 06:32	WG2487707
1,2-Dibromoethane	U		0.0630	0.500	500	04/11/2025 06:32	WG2487707
1,1-Dichloroethane	U		0.0500	0.500	500	04/11/2025 06:32	WG2487707

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0409	0.500	500	04/11/2025 06:32	WG2487707
1,1-Dichloroethene	U		0.0940	0.500	500	04/11/2025 06:32	WG2487707
cis-1,2-Dichloroethene	U		0.0630	0.500	500	04/11/2025 06:32	WG2487707
trans-1,2-Dichloroethene	U		0.0745	0.500	500	04/11/2025 06:32	WG2487707
1,2-Dichloropropane	U		0.0745	0.500	500	04/11/2025 06:32	WG2487707
cis-1,3-Dichloropropene	U		0.0555	0.500	500	04/11/2025 06:32	WG2487707
trans-1,3-Dichloropropene	U		0.0590	0.500	500	04/11/2025 06:32	WG2487707
Ethylbenzene	1.73		0.0685	0.500	500	04/11/2025 06:32	WG2487707
Isopropylbenzene	0.0555	J	0.0525	0.500	500	04/11/2025 06:32	WG2487707
p-Isopropyltoluene	U		0.0600	0.500	500	04/11/2025 06:32	WG2487707
2-Butanone (MEK)	U	C3	0.595	5.00	500	04/11/2025 06:32	WG2487707
2-Hexanone	U		0.394	5.00	500	04/11/2025 06:32	WG2487707
Methylene Chloride	U		0.215	2.50	500	04/11/2025 06:32	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.239	5.00	500	04/11/2025 06:32	WG2487707
Methyl tert-butyl ether	0.317	J	0.0505	0.500	500	04/11/2025 06:32	WG2487707
Naphthalene	U	C3 J4	0.500	2.50	500	04/11/2025 06:32	WG2487707
n-Propylbenzene	0.0952	J	0.0497	0.500	500	04/11/2025 06:32	WG2487707
Styrene	U		0.0590	0.500	500	04/11/2025 06:32	WG2487707
tert-Butyl alcohol	U	C3	2.03	2.50	500	04/11/2025 06:32	WG2487707
1,1,1,2-Tetrachloroethane	U		0.0735	0.500	500	04/11/2025 06:32	WG2487707
1,1,2,2-Tetrachloroethane	U		0.0665	0.500	500	04/11/2025 06:32	WG2487707
Tetrachloroethene	U		0.150	0.500	500	04/11/2025 06:32	WG2487707
Toluene	5.13		0.139	0.500	500	04/11/2025 06:32	WG2487707
1,1,1-Trichloroethane	U		0.0745	0.500	500	04/11/2025 06:32	WG2487707
1,1,2-Trichloroethane	U		0.0790	0.500	500	04/11/2025 06:32	WG2487707
Trichloroethene	U		0.0950	0.500	500	04/11/2025 06:32	WG2487707
1,2,4-Trimethylbenzene	0.482	J	0.161	0.500	500	04/11/2025 06:32	WG2487707
1,3,5-Trimethylbenzene	0.125	J	0.0520	0.500	500	04/11/2025 06:32	WG2487707
Vinyl chloride	U		0.117	0.500	500	04/11/2025 06:32	WG2487707
o-Xylene	0.792		0.0870	0.500	500	04/11/2025 06:32	WG2487707
m&p-Xylene	3.25		0.215	1.00	500	04/11/2025 06:32	WG2487707
Xylenes, Total	4.04		0.0870	1.50	500	04/11/2025 06:32	WG2487707
(S) Toluene-d8	*99.2*			*80.0-120*		*04/11/2025 06:32*	WG2487707
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*04/11/2025 06:32*	WG2487707
(S) 1,2-Dichloroethane-d4	*97.3*			*70.0-130*		*04/11/2025 06:32*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	5.76		0.0605	0.100	1	04/09/2025 16:43	WG2485490
(S) o-Terphenyl	*125*			*52.0-156*		*04/09/2025 16:43*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1610		25.0	1	04/05/2025 14:45	WG2483465

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	174		2.74	5.00	5	04/05/2025 04:02	WG2483248
Fluoride	1.18		0.380	0.750	5	04/05/2025 04:02	WG2483248
Nitrate as (N)	U	T8	0.442	0.500	5	04/05/2025 04:02	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 04:02	WG2483248
Sulfate	254		3.18	25.0	5	04/05/2025 04:02	WG2483248

Sample Narrative:

L1842529-165 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00839		0.000120	0.00200	1	04/10/2025 16:59	WG2484523
Barium	0.420		0.000500	0.00200	1	04/10/2025 16:59	WG2484523
Calcium	108		0.0925	1.00	1	04/10/2025 16:59	WG2484523
Chromium	0.00318		0.000900	0.00200	1	04/10/2025 16:59	WG2484523
Iron	0.834		0.0226	0.100	1	04/10/2025 16:59	WG2484523
Lead	0.00287		0.000500	0.00200	1	04/10/2025 16:59	WG2484523
Manganese	0.0654		0.000700	0.00500	1	04/10/2025 16:59	WG2484523
Potassium	0.769	J	0.0965	2.00	1	04/10/2025 16:59	WG2484523
Selenium	0.000287	J	0.000250	0.00200	1	04/10/2025 16:59	WG2484523
Sodium	358		0.142	2.00	1	04/10/2025 16:59	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	20.9		0.314	1.00	10	04/09/2025 19:29	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*78.0-120*		*04/09/2025 19:29*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		2.82	12.5	250	04/11/2025 06:53	WG2487707
Benzene	10.1		0.0235	0.250	250	04/11/2025 06:53	WG2487707
Bromodichloromethane	U		0.0340	0.250	250	04/11/2025 06:53	WG2487707
Bromoform	U		0.0323	0.250	250	04/11/2025 06:53	WG2487707
Bromomethane	U		0.151	1.25	250	04/11/2025 06:53	WG2487707
n-Butylbenzene	U		0.0393	0.250	250	04/11/2025 06:53	WG2487707
sec-Butylbenzene	U		0.0313	0.250	250	04/11/2025 06:53	WG2487707
Carbon disulfide	U		0.0241	0.250	250	04/11/2025 06:53	WG2487707
Carbon tetrachloride	U		0.0320	0.250	250	04/11/2025 06:53	WG2487707
Chlorobenzene	U		0.0290	0.250	250	04/11/2025 06:53	WG2487707
Chlorodibromomethane	U		0.0350	0.250	250	04/11/2025 06:53	WG2487707
Chloroethane	U		0.0480	1.25	250	04/11/2025 06:53	WG2487707
Chloroform	U		0.0278	1.25	250	04/11/2025 06:53	WG2487707
Chloromethane	U		0.240	0.625	250	04/11/2025 06:53	WG2487707
1,2-Dibromoethane	U		0.0315	0.250	250	04/11/2025 06:53	WG2487707
1,1-Dichloroethane	U		0.0250	0.250	250	04/11/2025 06:53	WG2487707

MW-102
Collected date/time: 04/02/25 10:30
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0205	0.250	250	04/11/2025 06:53	WG2487707
1,1-Dichloroethene	U		0.0470	0.250	250	04/11/2025 06:53	WG2487707
cis-1,2-Dichloroethene	U		0.0315	0.250	250	04/11/2025 06:53	WG2487707
trans-1,2-Dichloroethene	U		0.0373	0.250	250	04/11/2025 06:53	WG2487707
1,2-Dichloropropane	U		0.0373	0.250	250	04/11/2025 06:53	WG2487707
cis-1,3-Dichloropropene	U		0.0278	0.250	250	04/11/2025 06:53	WG2487707
trans-1,3-Dichloropropene	U		0.0295	0.250	250	04/11/2025 06:53	WG2487707
Ethylbenzene	0.555		0.0343	0.250	250	04/11/2025 06:53	WG2487707
Isopropylbenzene	U		0.0263	0.250	250	04/11/2025 06:53	WG2487707
p-Isopropyltoluene	U		0.0300	0.250	250	04/11/2025 06:53	WG2487707
2-Butanone (MEK)	U	C3	0.298	2.50	250	04/11/2025 06:53	WG2487707
2-Hexanone	U		0.197	2.50	250	04/11/2025 06:53	WG2487707
Methylene Chloride	U		0.108	1.25	250	04/11/2025 06:53	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.120	2.50	250	04/11/2025 06:53	WG2487707
Methyl tert-butyl ether	0.452		0.0253	0.250	250	04/11/2025 06:53	WG2487707
Naphthalene	U	C3 J4	0.250	1.25	250	04/11/2025 06:53	WG2487707
n-Propylbenzene	0.0432	J	0.0248	0.250	250	04/11/2025 06:53	WG2487707
Styrene	U		0.0295	0.250	250	04/11/2025 06:53	WG2487707
tert-Butyl alcohol	U	C3	1.02	1.25	250	04/11/2025 06:53	WG2487707
1,1,1,2-Tetrachloroethane	U		0.0368	0.250	250	04/11/2025 06:53	WG2487707
1,1,2,2-Tetrachloroethane	U		0.0333	0.250	250	04/11/2025 06:53	WG2487707
Tetrachloroethene	U		0.0750	0.250	250	04/11/2025 06:53	WG2487707
Toluene	0.240	J	0.0695	0.250	250	04/11/2025 06:53	WG2487707
1,1,1-Trichloroethane	U		0.0373	0.250	250	04/11/2025 06:53	WG2487707
1,1,2-Trichloroethane	U		0.0395	0.250	250	04/11/2025 06:53	WG2487707
Trichloroethene	U		0.0475	0.250	250	04/11/2025 06:53	WG2487707
1,2,4-Trimethylbenzene	0.150	J	0.0805	0.250	250	04/11/2025 06:53	WG2487707
1,3,5-Trimethylbenzene	0.0363	J	0.0260	0.250	250	04/11/2025 06:53	WG2487707
Vinyl chloride	U		0.0585	0.250	250	04/11/2025 06:53	WG2487707
o-Xylene	U		0.0435	0.250	250	04/11/2025 06:53	WG2487707
m&p-Xylene	0.370	J	0.108	0.500	250	04/11/2025 06:53	WG2487707
Xylenes, Total	0.370	J	0.0435	0.750	250	04/11/2025 06:53	WG2487707
(S) Toluene-d8	*99.7*			*80.0-120*		*04/11/2025 06:53*	WG2487707
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*		*04/11/2025 06:53*	WG2487707
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*04/11/2025 06:53*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	6.61		0.0605	0.100	1	04/09/2025 17:04	WG2485490
(S) o-Terphenyl	*111*			*52.0-156*		*04/09/2025 17:04*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	4210		50.0	1	04/05/2025 14:45	WG2483465

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	298		2.74	5.00	5	04/05/2025 04:29	WG2483248
Fluoride	1.55		0.380	0.750	5	04/05/2025 04:29	WG2483248
Nitrate as (N)	U	T8	0.442	0.500	5	04/05/2025 04:29	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 04:29	WG2483248
Sulfate	2280		31.8	250	50	04/05/2025 04:42	WG2483248

Sample Narrative:

L1842529-166 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.244		0.0232	0.200	1	04/09/2025 10:06	WG2484497
Boron,Dissolved	0.263		0.0232	0.200	1	04/09/2025 17:47	WG2484483

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.0135		0.000120	0.00200	1	04/10/2025 17:03	WG2484523
Arsenic,Dissolved	0.00333		0.000120	0.00200	1	04/10/2025 15:49	WG2484488
Barium	0.0159		0.000500	0.00200	1	04/10/2025 17:03	WG2484523
Calcium	578		0.0925	1.00	1	04/10/2025 17:03	WG2484523
Chromium	0.00466		0.000900	0.00200	1	04/10/2025 17:03	WG2484523
Iron	1.89		0.0226	0.100	1	04/10/2025 17:03	WG2484523
Iron,Dissolved	0.0288	J	0.0226	0.100	1	04/10/2025 15:49	WG2484488
Lead	0.000537	J	0.000500	0.00200	1	04/10/2025 17:03	WG2484523
Manganese	0.0604		0.000700	0.00500	1	04/10/2025 17:03	WG2484523
Manganese,Dissolved	0.0134		0.000700	0.00500	1	04/10/2025 15:49	WG2484488
Potassium	1.38	J	0.0965	2.00	1	04/10/2025 17:03	WG2484523
Selenium	0.00461		0.000250	0.00200	1	04/10/2025 17:03	WG2484523
Sodium	178		0.142	2.00	1	04/10/2025 17:03	WG2484523
Uranium	0.0332		0.000130	0.00100	1	04/10/2025 17:03	WG2484523
Uranium,Dissolved	0.0356		0.000130	0.00100	1	04/10/2025 15:49	WG2484488

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 17:21	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*78.0-120*		*04/09/2025 17:21*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/11/2025 01:51	WG2487707
Benzene	U		0.0000941	0.00100	1	04/11/2025 01:51	WG2487707
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 01:51	WG2487707
Bromoform	U		0.000129	0.00100	1	04/11/2025 01:51	WG2487707
Bromomethane	U		0.000605	0.00500	1	04/11/2025 01:51	WG2487707

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 01:51	WG2487707
sec-Butylbenzene	0.000187	J	0.000125	0.00100	1	04/11/2025 01:51	WG2487707
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 01:51	WG2487707
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 01:51	WG2487707
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 01:51	WG2487707
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 01:51	WG2487707
Chloroethane	U		0.000192	0.00500	1	04/11/2025 01:51	WG2487707
Chloroform	U		0.000111	0.00500	1	04/11/2025 01:51	WG2487707
Chloromethane	U		0.000960	0.00250	1	04/11/2025 01:51	WG2487707
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 01:51	WG2487707
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 01:51	WG2487707
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 01:51	WG2487707
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 01:51	WG2487707
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 01:51	WG2487707
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 01:51	WG2487707
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 01:51	WG2487707
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 01:51	WG2487707
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 01:51	WG2487707
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 01:51	WG2487707
Isopropylbenzene	0.000162	J	0.000105	0.00100	1	04/11/2025 01:51	WG2487707
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 01:51	WG2487707
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/11/2025 01:51	WG2487707
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 01:51	WG2487707
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 01:51	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 01:51	WG2487707
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 01:51	WG2487707
Naphthalene	U	C3 J4	0.00100	0.00500	1	04/11/2025 01:51	WG2487707
n-Propylbenzene	0.000101	J	0.0000993	0.00100	1	04/11/2025 01:51	WG2487707
Styrene	U		0.000118	0.00100	1	04/11/2025 01:51	WG2487707
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 01:51	WG2487707
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 01:51	WG2487707
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 01:51	WG2487707
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 01:51	WG2487707
Toluene	U		0.000278	0.00100	1	04/11/2025 01:51	WG2487707
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 01:51	WG2487707
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 01:51	WG2487707
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 01:51	WG2487707
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 01:51	WG2487707
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 01:51	WG2487707
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 01:51	WG2487707
o-Xylene	U		0.000174	0.00100	1	04/11/2025 01:51	WG2487707
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 01:51	WG2487707
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 01:51	WG2487707
(S) Toluene-d8	*100*			*80.0-120*		*04/11/2025 01:51*	WG2487707
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*		*04/11/2025 01:51*	WG2487707
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*04/11/2025 01:51*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.203		0.0605	0.100	1	04/09/2025 17:24	WG2485490
(S) o-Terphenyl	*129*			*52.0-156*		*04/09/2025 17:24*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2290		50.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	62.4		2.74	5.00	5	04/05/2025 05:22	WG2483248
Fluoride	1.34		0.380	0.750	5	04/05/2025 05:22	WG2483248
Nitrate as (N)	U	T8	0.442	0.500	5	04/05/2025 05:22	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 05:22	WG2483248
Sulfate	1390		31.8	250	50	04/05/2025 05:36	WG2483248

Sample Narrative:

L1842529-167 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00234		0.000120	0.00200	1	04/10/2025 17:06	WG2484523
Barium	0.0154		0.000500	0.00200	1	04/10/2025 17:06	WG2484523
Calcium	361		0.0925	1.00	1	04/10/2025 17:06	WG2484523
Chromium	U		0.000900	0.00200	1	04/10/2025 17:06	WG2484523
Iron	0.157		0.0226	0.100	1	04/10/2025 17:06	WG2484523
Lead	U		0.000500	0.00200	1	04/10/2025 17:06	WG2484523
Manganese	0.0456		0.000700	0.00500	1	04/10/2025 17:06	WG2484523
Potassium	0.564	J	0.0965	2.00	1	04/10/2025 17:06	WG2484523
Selenium	0.00848		0.000250	0.00200	1	04/10/2025 17:06	WG2484523
Sodium	102		0.142	2.00	1	04/10/2025 17:06	WG2484523

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 02:11	WG2487707
Benzene	U		0.0000941	0.00100	1	04/11/2025 02:11	WG2487707
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 02:11	WG2487707
Bromoform	U		0.000129	0.00100	1	04/11/2025 02:11	WG2487707
Bromomethane	U		0.000605	0.00500	1	04/11/2025 02:11	WG2487707
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 02:11	WG2487707
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 02:11	WG2487707
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 02:11	WG2487707
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 02:11	WG2487707
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 02:11	WG2487707
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 02:11	WG2487707
Chloroethane	U		0.000192	0.00500	1	04/11/2025 02:11	WG2487707
Chloroform	U		0.000111	0.00500	1	04/11/2025 02:11	WG2487707
Chloromethane	U		0.000960	0.00250	1	04/11/2025 02:11	WG2487707
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 02:11	WG2487707
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 02:11	WG2487707
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 02:11	WG2487707
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 02:11	WG2487707
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 02:11	WG2487707
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 02:11	WG2487707
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 02:11	WG2487707
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 02:11	WG2487707
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 02:11	WG2487707

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 02:11	WG2487707
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 02:11	WG2487707
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 02:11	WG2487707
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/11/2025 02:11	WG2487707
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 02:11	WG2487707
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 02:11	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 02:11	WG2487707
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 02:11	WG2487707
Naphthalene	U	C3 J4	0.00100	0.00500	1	04/11/2025 02:11	WG2487707
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 02:11	WG2487707
Styrene	U		0.000118	0.00100	1	04/11/2025 02:11	WG2487707
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 02:11	WG2487707
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 02:11	WG2487707
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 02:11	WG2487707
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 02:11	WG2487707
Toluene	U		0.000278	0.00100	1	04/11/2025 02:11	WG2487707
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 02:11	WG2487707
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 02:11	WG2487707
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 02:11	WG2487707
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 02:11	WG2487707
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 02:11	WG2487707
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 02:11	WG2487707
o-Xylene	U		0.000174	0.00100	1	04/11/2025 02:11	WG2487707
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 02:11	WG2487707
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 02:11	WG2487707
(S) Toluene-d8	*99.4*			*80.0-120*		*04/11/2025 02:11*	WG2487707
(S) 4-Bromofluorobenzene	*94.9*			*77.0-126*		*04/11/2025 02:11*	WG2487707
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*04/11/2025 02:11*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 17:44	WG2485490
(S) o-Terphenyl	*118*			*52.0-156*		*04/09/2025 17:44*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2940		50.0	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	105		5.47	10.0	10	04/04/2025 13:08	WG2483248
Fluoride	U		0.761	1.50	10	04/04/2025 13:08	WG2483248
Nitrate as (N)	3.46	T8	0.884	1.00	10	04/04/2025 13:08	WG2483248
Nitrite as (N)	U	T8	0.794	1.00	10	04/04/2025 13:08	WG2483248
Sulfate	1470		63.7	500	100	04/05/2025 05:49	WG2483248

Sample Narrative:

L1842529-168 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.154	J	0.0232	0.200	1	04/09/2025 10:08	WG2484497

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00148	J	0.000120	0.00200	1	04/10/2025 17:09	WG2484523
Barium	0.0228		0.000500	0.00200	1	04/10/2025 17:09	WG2484523
Calcium	548		0.0925	1.00	1	04/10/2025 17:09	WG2484523
Chromium	0.00109	J	0.000900	0.00200	1	04/10/2025 17:09	WG2484523
Iron	0.0662	J	0.0226	0.100	1	04/10/2025 17:09	WG2484523
Lead	U		0.000500	0.00200	1	04/10/2025 17:09	WG2484523
Manganese	0.00176	J	0.000700	0.00500	1	04/10/2025 17:09	WG2484523
Potassium	2.20		0.0965	2.00	1	04/10/2025 17:09	WG2484523
Selenium	0.0111		0.000250	0.00200	1	04/10/2025 17:09	WG2484523
Sodium	44.7		0.142	2.00	1	04/10/2025 17:09	WG2484523
Uranium	0.0263		0.000130	0.00100	1	04/10/2025 17:09	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 17:43	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/09/2025 17:43*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 02:31	WG2487707
Benzene	U		0.0000941	0.00100	1	04/11/2025 02:31	WG2487707
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 02:31	WG2487707
Bromoform	U		0.000129	0.00100	1	04/11/2025 02:31	WG2487707
Bromomethane	U		0.000605	0.00500	1	04/11/2025 02:31	WG2487707
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 02:31	WG2487707
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 02:31	WG2487707
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 02:31	WG2487707
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 02:31	WG2487707
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 02:31	WG2487707

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 02:31	WG2487707
Chloroethane	U		0.000192	0.00500	1	04/11/2025 02:31	WG2487707
Chloroform	U		0.000111	0.00500	1	04/11/2025 02:31	WG2487707
Chloromethane	U		0.000960	0.00250	1	04/11/2025 02:31	WG2487707
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 02:31	WG2487707
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 02:31	WG2487707
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 02:31	WG2487707
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 02:31	WG2487707
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 02:31	WG2487707
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 02:31	WG2487707
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 02:31	WG2487707
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 02:31	WG2487707
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 02:31	WG2487707
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 02:31	WG2487707
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 02:31	WG2487707
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 02:31	WG2487707
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/11/2025 02:31	WG2487707
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 02:31	WG2487707
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 02:31	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 02:31	WG2487707
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 02:31	WG2487707
Naphthalene	U	C3 J4	0.00100	0.00500	1	04/11/2025 02:31	WG2487707
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 02:31	WG2487707
Styrene	U		0.000118	0.00100	1	04/11/2025 02:31	WG2487707
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 02:31	WG2487707
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 02:31	WG2487707
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 02:31	WG2487707
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 02:31	WG2487707
Toluene	U		0.000278	0.00100	1	04/11/2025 02:31	WG2487707
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 02:31	WG2487707
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 02:31	WG2487707
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 02:31	WG2487707
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 02:31	WG2487707
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 02:31	WG2487707
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 02:31	WG2487707
o-Xylene	U		0.000174	0.00100	1	04/11/2025 02:31	WG2487707
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 02:31	WG2487707
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 02:31	WG2487707
(S) Toluene-d8	*101*			*80.0-120*		*04/11/2025 02:31*	WG2487707
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*04/11/2025 02:31*	WG2487707
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*		*04/11/2025 02:31*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 18:04	WG2485490
(S) o-Terphenyl	*128*			*52.0-156*		*04/09/2025 18:04*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4700		50.0	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	56.3		5.47	10.0	10	04/04/2025 13:21	WG2483248
Fluoride	U		0.761	1.50	10	04/04/2025 13:21	WG2483248
Nitrate as (N)	U	T8	0.884	1.00	10	04/04/2025 13:21	WG2483248
Nitrite as (N)	U	T8	0.794	1.00	10	04/04/2025 13:21	WG2483248
Sulfate	3190		63.7	500	100	04/05/2025 06:03	WG2483248

Sample Narrative:

L1842529-169 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	1.50		0.0232	0.200	1	04/10/2025 10:28	WG2484500

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00158	J	0.000120	0.00200	1	04/10/2025 17:19	WG2484523
Barium	0.0188		0.000500	0.00200	1	04/10/2025 17:19	WG2484523
Calcium	549		0.0925	1.00	1	04/10/2025 17:19	WG2484523
Chromium	0.00126	J	0.000900	0.00200	1	04/10/2025 17:19	WG2484523
Iron	0.283		0.0226	0.100	1	04/10/2025 17:19	WG2484523
Lead	U		0.000500	0.00200	1	04/10/2025 17:19	WG2484523
Manganese	0.142		0.000700	0.00500	1	04/10/2025 17:19	WG2484523
Potassium	1.96	J	0.0965	2.00	1	04/10/2025 17:19	WG2484523
Selenium	0.00597		0.000250	0.00200	1	04/10/2025 17:19	WG2484523
Sodium	340		0.142	2.00	1	04/10/2025 17:19	WG2484523
Uranium	0.0467		0.000130	0.00100	1	04/10/2025 17:19	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 18:03	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/09/2025 18:03*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 02:51	WG2487707
Benzene	U		0.0000941	0.00100	1	04/11/2025 02:51	WG2487707
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 02:51	WG2487707
Bromoform	U		0.000129	0.00100	1	04/11/2025 02:51	WG2487707
Bromomethane	U		0.000605	0.00500	1	04/11/2025 02:51	WG2487707
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 02:51	WG2487707
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 02:51	WG2487707
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 02:51	WG2487707
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 02:51	WG2487707
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 02:51	WG2487707

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 02:51	WG2487707
Chloroethane	U		0.000192	0.00500	1	04/11/2025 02:51	WG2487707
Chloroform	U		0.000111	0.00500	1	04/11/2025 02:51	WG2487707
Chloromethane	U		0.000960	0.00250	1	04/11/2025 02:51	WG2487707
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 02:51	WG2487707
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 02:51	WG2487707
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 02:51	WG2487707
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 02:51	WG2487707
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 02:51	WG2487707
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 02:51	WG2487707
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 02:51	WG2487707
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 02:51	WG2487707
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 02:51	WG2487707
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 02:51	WG2487707
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 02:51	WG2487707
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 02:51	WG2487707
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/11/2025 02:51	WG2487707
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 02:51	WG2487707
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 02:51	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 02:51	WG2487707
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 02:51	WG2487707
Naphthalene	U	C3 J4	0.00100	0.00500	1	04/11/2025 02:51	WG2487707
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 02:51	WG2487707
Styrene	U		0.000118	0.00100	1	04/11/2025 02:51	WG2487707
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 02:51	WG2487707
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 02:51	WG2487707
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 02:51	WG2487707
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 02:51	WG2487707
Toluene	U		0.000278	0.00100	1	04/11/2025 02:51	WG2487707
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 02:51	WG2487707
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 02:51	WG2487707
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 02:51	WG2487707
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 02:51	WG2487707
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 02:51	WG2487707
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 02:51	WG2487707
o-Xylene	U		0.000174	0.00100	1	04/11/2025 02:51	WG2487707
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 02:51	WG2487707
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 02:51	WG2487707
(S) Toluene-d8	*101*			*80.0-120*		*04/11/2025 02:51*	WG2487707
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*04/11/2025 02:51*	WG2487707
(S) 1,2-Dichloroethane-d4	*97.5*			*70.0-130*		*04/11/2025 02:51*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 18:25	WG2485490
(S) o-Terphenyl	*118*			*52.0-156*		*04/09/2025 18:25*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2490		50.0	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	80.7		2.74	5.00	5	04/04/2025 12:55	WG2483248
Fluoride	0.622	J	0.380	0.750	5	04/04/2025 12:55	WG2483248
Nitrate as (N)	6.30	T8	0.442	0.500	5	04/04/2025 12:55	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/04/2025 12:55	WG2483248
Sulfate	1580		12.7	100	20	04/05/2025 06:16	WG2483248

Sample Narrative:

L1842529-170 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.543		0.0232	0.200	1	04/10/2025 10:30	WG2484500

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00137	J	0.000120	0.00200	1	04/10/2025 17:23	WG2484523
Barium	0.0127		0.000500	0.00200	1	04/10/2025 17:23	WG2484523
Calcium	403		0.0925	1.00	1	04/10/2025 17:23	WG2484523
Chromium	0.00103	J	0.000900	0.00200	1	04/10/2025 17:23	WG2484523
Iron	0.0412	J	0.0226	0.100	1	04/10/2025 17:23	WG2484523
Lead	U		0.000500	0.00200	1	04/10/2025 17:23	WG2484523
Manganese	0.000771	J	0.000700	0.00500	1	04/10/2025 17:23	WG2484523
Potassium	1.16	J	0.0965	2.00	1	04/10/2025 17:23	WG2484523
Selenium	0.00450		0.000250	0.00200	1	04/10/2025 17:23	WG2484523
Sodium	64.3		0.142	2.00	1	04/10/2025 17:23	WG2484523
Uranium	0.0268		0.000130	0.00100	1	04/10/2025 17:23	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/10/2025 02:43	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*04/10/2025 02:43*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 03:11	WG2487707
Benzene	U		0.0000941	0.00100	1	04/11/2025 03:11	WG2487707
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 03:11	WG2487707
Bromoform	U		0.000129	0.00100	1	04/11/2025 03:11	WG2487707
Bromomethane	U		0.000605	0.00500	1	04/11/2025 03:11	WG2487707
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 03:11	WG2487707
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 03:11	WG2487707
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 03:11	WG2487707
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 03:11	WG2487707
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 03:11	WG2487707

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 03:11	WG2487707
Chloroethane	U		0.000192	0.00500	1	04/11/2025 03:11	WG2487707
Chloroform	0.000342	J	0.000111	0.00500	1	04/11/2025 03:11	WG2487707
Chloromethane	U		0.000960	0.00250	1	04/11/2025 03:11	WG2487707
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 03:11	WG2487707
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 03:11	WG2487707
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 03:11	WG2487707
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 03:11	WG2487707
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 03:11	WG2487707
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 03:11	WG2487707
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 03:11	WG2487707
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 03:11	WG2487707
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 03:11	WG2487707
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 03:11	WG2487707
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 03:11	WG2487707
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 03:11	WG2487707
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/11/2025 03:11	WG2487707
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 03:11	WG2487707
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 03:11	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 03:11	WG2487707
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 03:11	WG2487707
Naphthalene	U	C3 J4	0.00100	0.00500	1	04/11/2025 03:11	WG2487707
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 03:11	WG2487707
Styrene	U		0.000118	0.00100	1	04/11/2025 03:11	WG2487707
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 03:11	WG2487707
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 03:11	WG2487707
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 03:11	WG2487707
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 03:11	WG2487707
Toluene	U		0.000278	0.00100	1	04/11/2025 03:11	WG2487707
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 03:11	WG2487707
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 03:11	WG2487707
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 03:11	WG2487707
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 03:11	WG2487707
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 03:11	WG2487707
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 03:11	WG2487707
o-Xylene	U		0.000174	0.00100	1	04/11/2025 03:11	WG2487707
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 03:11	WG2487707
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 03:11	WG2487707
(S) Toluene-d8	*102*			*80.0-120*		*04/11/2025 03:11*	WG2487707
(S) 4-Bromofluorobenzene	*96.0*			*77.0-126*		*04/11/2025 03:11*	WG2487707
(S) 1,2-Dichloroethane-d4	*96.2*			*70.0-130*		*04/11/2025 03:11*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.204		0.0605	0.100	1	04/09/2025 18:45	WG2485490
(S) o-Terphenyl	*136*			*52.0-156*		*04/09/2025 18:45*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1830		25.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	52.6		2.74	5.00	5	04/05/2025 06:29	WG2483248
Fluoride	1.25		0.380	0.750	5	04/05/2025 06:29	WG2483248
Nitrate as (N)	3.86	T8	0.442	0.500	5	04/05/2025 06:29	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 06:29	WG2483248
Sulfate	903		31.8	250	50	04/05/2025 06:43	WG2483248

Sample Narrative:

L1842529-171 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.266		0.0232	0.200	1	04/10/2025 10:32	WG2484500

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00223		0.000120	0.00200	1	04/10/2025 17:26	WG2484523
Barium	0.0144		0.000500	0.00200	1	04/10/2025 17:26	WG2484523
Calcium	298		0.0925	1.00	1	04/10/2025 17:26	WG2484523
Chromium	0.00107	J	0.000900	0.00200	1	04/10/2025 17:26	WG2484523
Iron	0.0302	J	0.0226	0.100	1	04/10/2025 17:26	WG2484523
Lead	U		0.000500	0.00200	1	04/10/2025 17:26	WG2484523
Manganese	0.00325	J	0.000700	0.00500	1	04/10/2025 17:26	WG2484523
Potassium	1.16	J	0.0965	2.00	1	04/10/2025 17:26	WG2484523
Selenium	0.00513		0.000250	0.00200	1	04/10/2025 17:26	WG2484523
Sodium	75.4		0.142	2.00	1	04/10/2025 17:26	WG2484523
Uranium	0.0136		0.000130	0.00100	1	04/10/2025 17:26	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 18:25	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*99.9*			*78.0-120*		*04/09/2025 18:25*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/11/2025 03:31	WG2487707
Benzene	U		0.0000941	0.00100	1	04/11/2025 03:31	WG2487707
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 03:31	WG2487707
Bromoform	U		0.000129	0.00100	1	04/11/2025 03:31	WG2487707
Bromomethane	U		0.000605	0.00500	1	04/11/2025 03:31	WG2487707
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 03:31	WG2487707
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 03:31	WG2487707
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 03:31	WG2487707
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 03:31	WG2487707
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 03:31	WG2487707

UG-2
Collected date/time: 04/02/25 11:25
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 03:31	WG2487707
Chloroethane	U		0.000192	0.00500	1	04/11/2025 03:31	WG2487707
Chloroform	U		0.000111	0.00500	1	04/11/2025 03:31	WG2487707
Chloromethane	U		0.000960	0.00250	1	04/11/2025 03:31	WG2487707
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 03:31	WG2487707
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 03:31	WG2487707
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 03:31	WG2487707
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 03:31	WG2487707
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 03:31	WG2487707
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 03:31	WG2487707
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 03:31	WG2487707
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 03:31	WG2487707
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 03:31	WG2487707
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 03:31	WG2487707
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 03:31	WG2487707
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 03:31	WG2487707
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/11/2025 03:31	WG2487707
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 03:31	WG2487707
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 03:31	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 03:31	WG2487707
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 03:31	WG2487707
Naphthalene	U	C3 J4	0.00100	0.00500	1	04/11/2025 03:31	WG2487707
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 03:31	WG2487707
Styrene	U		0.000118	0.00100	1	04/11/2025 03:31	WG2487707
tert-Butyl alcohol	U	C3	0.00406	0.00500	1	04/11/2025 03:31	WG2487707
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 03:31	WG2487707
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 03:31	WG2487707
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 03:31	WG2487707
Toluene	U		0.000278	0.00100	1	04/11/2025 03:31	WG2487707
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 03:31	WG2487707
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 03:31	WG2487707
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 03:31	WG2487707
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 03:31	WG2487707
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 03:31	WG2487707
Vinyl chloride	U		0.000234	0.00100	1	04/11/2025 03:31	WG2487707
o-Xylene	U		0.000174	0.00100	1	04/11/2025 03:31	WG2487707
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 03:31	WG2487707
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 03:31	WG2487707
(S) Toluene-d8	*101*			*80.0-120*		*04/11/2025 03:31*	WG2487707
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*		*04/11/2025 03:31*	WG2487707
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*		*04/11/2025 03:31*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 19:05	WG2485490
(S) o-Terphenyl	*109*			*52.0-156*		*04/09/2025 19:05*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1570		25.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	168		2.74	5.00	5	04/05/2025 06:56	WG2483248
Fluoride	1.02		0.380	0.750	5	04/05/2025 06:56	WG2483248
Nitrate as (N)	U	T8	0.442	0.500	5	04/05/2025 06:56	WG2483248
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 06:56	WG2483248
Sulfate	246		3.18	25.0	5	04/05/2025 06:56	WG2483248

Sample Narrative:

L1842529-172 WG2483248: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00865		0.000120	0.00200	1	04/10/2025 17:29	WG2484523
Barium	0.406		0.000500	0.00200	1	04/10/2025 17:29	WG2484523
Calcium	109		0.0925	1.00	1	04/10/2025 17:29	WG2484523
Chromium	0.00330		0.000900	0.00200	1	04/10/2025 17:29	WG2484523
Iron	0.847		0.0226	0.100	1	04/10/2025 17:29	WG2484523
Lead	0.00273		0.000500	0.00200	1	04/10/2025 17:29	WG2484523
Manganese	0.0660		0.000700	0.00500	1	04/10/2025 17:29	WG2484523
Potassium	0.797	J	0.0965	2.00	1	04/10/2025 17:29	WG2484523
Selenium	0.000267	J	0.000250	0.00200	1	04/10/2025 17:29	WG2484523
Sodium	371		0.142	2.00	1	04/10/2025 17:29	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	25.3		1.57	5.00	50	04/09/2025 19:50	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*78.0-120*		*04/09/2025 19:50*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		2.82	12.5	250	04/11/2025 07:13	WG2487707
Benzene	10.6		0.0235	0.250	250	04/11/2025 07:13	WG2487707
Bromodichloromethane	U		0.0340	0.250	250	04/11/2025 07:13	WG2487707
Bromoform	U		0.0323	0.250	250	04/11/2025 07:13	WG2487707
Bromomethane	U		0.151	1.25	250	04/11/2025 07:13	WG2487707
n-Butylbenzene	U		0.0393	0.250	250	04/11/2025 07:13	WG2487707
sec-Butylbenzene	U		0.0313	0.250	250	04/11/2025 07:13	WG2487707
Carbon disulfide	U		0.0241	0.250	250	04/11/2025 07:13	WG2487707
Carbon tetrachloride	U		0.0320	0.250	250	04/11/2025 07:13	WG2487707
Chlorobenzene	U		0.0290	0.250	250	04/11/2025 07:13	WG2487707
Chlorodibromomethane	U		0.0350	0.250	250	04/11/2025 07:13	WG2487707
Chloroethane	U		0.0480	1.25	250	04/11/2025 07:13	WG2487707
Chloroform	U		0.0278	1.25	250	04/11/2025 07:13	WG2487707
Chloromethane	U		0.240	0.625	250	04/11/2025 07:13	WG2487707
1,2-Dibromoethane	U		0.0315	0.250	250	04/11/2025 07:13	WG2487707
1,1-Dichloroethane	U		0.0250	0.250	250	04/11/2025 07:13	WG2487707

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0205	0.250	250	04/11/2025 07:13	WG2487707
1,1-Dichloroethene	U		0.0470	0.250	250	04/11/2025 07:13	WG2487707
cis-1,2-Dichloroethene	U		0.0315	0.250	250	04/11/2025 07:13	WG2487707
trans-1,2-Dichloroethene	U		0.0373	0.250	250	04/11/2025 07:13	WG2487707
1,2-Dichloropropane	U		0.0373	0.250	250	04/11/2025 07:13	WG2487707
cis-1,3-Dichloropropene	U		0.0278	0.250	250	04/11/2025 07:13	WG2487707
trans-1,3-Dichloropropene	U		0.0295	0.250	250	04/11/2025 07:13	WG2487707
Ethylbenzene	0.623		0.0343	0.250	250	04/11/2025 07:13	WG2487707
Isopropylbenzene	0.0306	J	0.0263	0.250	250	04/11/2025 07:13	WG2487707
p-Isopropyltoluene	U		0.0300	0.250	250	04/11/2025 07:13	WG2487707
2-Butanone (MEK)	U	C3	0.298	2.50	250	04/11/2025 07:13	WG2487707
2-Hexanone	U		0.197	2.50	250	04/11/2025 07:13	WG2487707
Methylene Chloride	U		0.108	1.25	250	04/11/2025 07:13	WG2487707
4-Methyl-2-pentanone (MIBK)	U		0.120	2.50	250	04/11/2025 07:13	WG2487707
Methyl tert-butyl ether	0.473		0.0253	0.250	250	04/11/2025 07:13	WG2487707
Naphthalene	U	C3 J4	0.250	1.25	250	04/11/2025 07:13	WG2487707
n-Propylbenzene	0.0469	J	0.0248	0.250	250	04/11/2025 07:13	WG2487707
Styrene	U		0.0295	0.250	250	04/11/2025 07:13	WG2487707
tert-Butyl alcohol	U	C3	1.02	1.25	250	04/11/2025 07:13	WG2487707
1,1,1,2-Tetrachloroethane	U		0.0368	0.250	250	04/11/2025 07:13	WG2487707
1,1,2,2-Tetrachloroethane	U		0.0333	0.250	250	04/11/2025 07:13	WG2487707
Tetrachloroethene	U		0.0750	0.250	250	04/11/2025 07:13	WG2487707
Toluene	0.263		0.0695	0.250	250	04/11/2025 07:13	WG2487707
1,1,1-Trichloroethane	U		0.0373	0.250	250	04/11/2025 07:13	WG2487707
1,1,2-Trichloroethane	U		0.0395	0.250	250	04/11/2025 07:13	WG2487707
Trichloroethene	U		0.0475	0.250	250	04/11/2025 07:13	WG2487707
1,2,4-Trimethylbenzene	0.167	J	0.0805	0.250	250	04/11/2025 07:13	WG2487707
1,3,5-Trimethylbenzene	0.0407	J	0.0260	0.250	250	04/11/2025 07:13	WG2487707
Vinyl chloride	U		0.0585	0.250	250	04/11/2025 07:13	WG2487707
o-Xylene	U		0.0435	0.250	250	04/11/2025 07:13	WG2487707
m&p-Xylene	0.418	J	0.108	0.500	250	04/11/2025 07:13	WG2487707
Xylenes, Total	0.418	J	0.0435	0.750	250	04/11/2025 07:13	WG2487707
(S) Toluene-d8	*99.6*			*80.0-120*		*04/11/2025 07:13*	WG2487707
(S) 4-Bromofluorobenzene	*94.9*			*77.0-126*		*04/11/2025 07:13*	WG2487707
(S) 1,2-Dichloroethane-d4	*95.3*			*70.0-130*		*04/11/2025 07:13*	WG2487707

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	6.80		0.0605	0.100	1	04/09/2025 20:54	WG2485490
(S) o-Terphenyl	*116*			*52.0-156*		*04/09/2025 20:54*	WG2485490

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	04/05/2025 07:23	WG2483248
Fluoride	U		0.0761	0.150	1	04/05/2025 07:23	WG2483248
Nitrate as (N)	U	T8	0.0884	0.100	1	04/05/2025 07:23	WG2483248
Nitrite as (N)	U	T8	0.0794	0.100	1	04/05/2025 07:23	WG2483248
Sulfate	U		0.637	5.00	1	04/05/2025 07:23	WG2483248

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	04/10/2025 17:32	WG2484523
Barium	U		0.000500	0.00200	1	04/10/2025 17:32	WG2484523
Calcium	U		0.0925	1.00	1	04/10/2025 17:32	WG2484523
Chromium	U		0.000900	0.00200	1	04/10/2025 17:32	WG2484523
Iron	U		0.0226	0.100	1	04/10/2025 17:32	WG2484523
Lead	U		0.000500	0.00200	1	04/10/2025 17:32	WG2484523
Manganese	U		0.000700	0.00500	1	04/10/2025 17:32	WG2484523
Potassium	U		0.0965	2.00	1	04/10/2025 17:32	WG2484523
Selenium	U		0.000250	0.00200	1	04/10/2025 17:32	WG2484523
Sodium	0.257	J	0.142	2.00	1	04/10/2025 17:32	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/09/2025 13:27	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*99.2*			*78.0-120*		*04/09/2025 13:27*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 07:04	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 07:04	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 07:04	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 07:04	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 07:04	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 07:04	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 07:04	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 07:04	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 07:04	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 07:04	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 07:04	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 07:04	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 07:04	WG2487710
Chloromethane	U		0.000960	0.00250	1	04/11/2025 07:04	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 07:04	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 07:04	WG2487710
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 07:04	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 07:04	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 07:04	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 07:04	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 07:04	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 07:04	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 07:04	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 07:04	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 07:04	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 07:04	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 07:04	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 07:04	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 07:04	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 07:04	WG2487710
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 07:04	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 07:04	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 07:04	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 07:04	WG2487710
tert-Butyl alcohol	U	J3	0.00406	0.00500	1	04/11/2025 07:04	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 07:04	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 07:04	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 07:04	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 07:04	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 07:04	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 07:04	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 07:04	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 07:04	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 07:04	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 07:04	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 07:04	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 07:04	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 07:04	WG2487710
(S) Toluene-d8	*107*			*80.0-120*		*04/11/2025 07:04*	WG2487710
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*		*04/11/2025 07:04*	WG2487710
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/11/2025 07:04*	WG2487710

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	04/09/2025 21:14	WG2485490
(S) o-Terphenyl	*122*			*52.0-156*		*04/09/2025 21:14*	WG2485490

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 06:17	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 06:17	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 06:17	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 06:17	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 06:17	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 06:17	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 06:17	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 06:17	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 06:17	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 06:17	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 06:17	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 06:17	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 06:17	WG2487710
Chloromethane	U		0.000960	0.00250	1	04/11/2025 06:17	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 06:17	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 06:17	WG2487710
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 06:17	WG2487710
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 06:17	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 06:17	WG2487710
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 06:17	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 06:17	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 06:17	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 06:17	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 06:17	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 06:17	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 06:17	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 06:17	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 06:17	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 06:17	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 06:17	WG2487710
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/11/2025 06:17	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 06:17	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 06:17	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 06:17	WG2487710
tert-Butyl alcohol	U	J3	0.00406	0.00500	1	04/11/2025 06:17	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 06:17	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 06:17	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 06:17	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 06:17	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 06:17	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 06:17	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 06:17	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 06:17	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 06:17	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 06:17	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 06:17	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 06:17	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 06:17	WG2487710
(S) Toluene-d8	*109*			*80.0-120*		*04/11/2025 06:17*	WG2487710
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*04/11/2025 06:17*	WG2487710
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/11/2025 06:17*	WG2487710

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2620		50.0	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	17.4	P1	2.74	5.00	5	04/05/2025 01:22	WG2483252
Fluoride	2.23	J6 P1	0.380	0.750	5	04/05/2025 01:22	WG2483252
Nitrate as (N)	U	J6 T8	0.442	0.500	5	04/05/2025 01:22	WG2483252
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 01:22	WG2483252
Sulfate	1370		31.8	250	50	04/05/2025 07:26	WG2483252

Sample Narrative:

L1842529-175 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000430	J	0.000120	0.00200	1	04/10/2025 17:35	WG2484523
Barium	0.0179		0.000500	0.00200	1	04/10/2025 17:35	WG2484523
Calcium	529		0.0925	1.00	1	04/10/2025 17:35	WG2484523
Chromium	U		0.000900	0.00200	1	04/10/2025 17:35	WG2484523
Iron	U		0.0226	0.100	1	04/10/2025 17:35	WG2484523
Lead	0.00410		0.000500	0.00200	1	04/10/2025 17:35	WG2484523
Manganese	0.0101		0.000700	0.00500	1	04/10/2025 17:35	WG2484523
Potassium	0.523	J	0.0965	2.00	1	04/10/2025 17:35	WG2484523
Selenium	U		0.000250	0.00200	1	04/10/2025 17:35	WG2484523
Sodium	44.3		0.142	2.00	1	04/10/2025 17:35	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	10.7		0.628	2.00	20	04/09/2025 20:11	WG2486449
(S) a,a,a-Trifluorotoluene(FID)	*99.2*			*78.0-120*		*04/09/2025 20:11*	WG2486449

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.565	2.50	50	04/11/2025 11:22	WG2487710
Benzene	0.176		0.00471	0.0500	50	04/11/2025 11:22	WG2487710
Bromodichloromethane	U		0.00680	0.0500	50	04/11/2025 11:22	WG2487710
Bromoform	U		0.00645	0.0500	50	04/11/2025 11:22	WG2487710
Bromomethane	U		0.0303	0.250	50	04/11/2025 11:22	WG2487710
n-Butylbenzene	U		0.00785	0.0500	50	04/11/2025 11:22	WG2487710
sec-Butylbenzene	0.0120	J	0.00625	0.0500	50	04/11/2025 11:22	WG2487710
Carbon disulfide	U		0.00481	0.0500	50	04/11/2025 11:22	WG2487710
Carbon tetrachloride	U		0.00640	0.0500	50	04/11/2025 11:22	WG2487710
Chlorobenzene	U		0.00580	0.0500	50	04/11/2025 11:22	WG2487710
Chlorodibromomethane	U		0.00700	0.0500	50	04/11/2025 11:22	WG2487710
Chloroethane	U	J4	0.00960	0.250	50	04/11/2025 11:22	WG2487710
Chloroform	U		0.00555	0.250	50	04/11/2025 11:22	WG2487710
Chloromethane	U		0.0480	0.125	50	04/11/2025 11:22	WG2487710
1,2-Dibromoethane	U		0.00630	0.0500	50	04/11/2025 11:22	WG2487710
1,1-Dichloroethane	U		0.00500	0.0500	50	04/11/2025 11:22	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.00409	0.0500	50	04/11/2025 11:22	WG2487710
1,1-Dichloroethene	U		0.00940	0.0500	50	04/11/2025 11:22	WG2487710
cis-1,2-Dichloroethene	U		0.00630	0.0500	50	04/11/2025 11:22	WG2487710
trans-1,2-Dichloroethene	U		0.00745	0.0500	50	04/11/2025 11:22	WG2487710
1,2-Dichloropropane	U		0.00745	0.0500	50	04/11/2025 11:22	WG2487710
cis-1,3-Dichloropropene	U		0.00555	0.0500	50	04/11/2025 11:22	WG2487710
trans-1,3-Dichloropropene	U		0.00590	0.0500	50	04/11/2025 11:22	WG2487710
Ethylbenzene	0.285		0.00685	0.0500	50	04/11/2025 11:22	WG2487710
Isopropylbenzene	0.0961		0.00525	0.0500	50	04/11/2025 11:22	WG2487710
p-Isopropyltoluene	U		0.00600	0.0500	50	04/11/2025 11:22	WG2487710
2-Butanone (MEK)	U		0.0595	0.500	50	04/11/2025 11:22	WG2487710
2-Hexanone	U		0.0394	0.500	50	04/11/2025 11:22	WG2487710
Methylene Chloride	U		0.0215	0.250	50	04/11/2025 11:22	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.0239	0.500	50	04/11/2025 11:22	WG2487710
Methyl tert-butyl ether	U		0.00505	0.0500	50	04/11/2025 11:22	WG2487710
Naphthalene	0.278		0.0500	0.250	50	04/11/2025 11:22	WG2487710
n-Propylbenzene	0.134		0.00497	0.0500	50	04/11/2025 11:22	WG2487710
Styrene	U		0.00590	0.0500	50	04/11/2025 11:22	WG2487710
tert-Butyl alcohol	U	J3	0.203	0.250	50	04/11/2025 11:22	WG2487710
1,1,1,2-Tetrachloroethane	U		0.00735	0.0500	50	04/11/2025 11:22	WG2487710
1,1,2,2-Tetrachloroethane	U		0.00665	0.0500	50	04/11/2025 11:22	WG2487710
Tetrachloroethene	U		0.0150	0.0500	50	04/11/2025 11:22	WG2487710
Toluene	0.0956		0.0139	0.0500	50	04/11/2025 11:22	WG2487710
1,1,1-Trichloroethane	U		0.00745	0.0500	50	04/11/2025 11:22	WG2487710
1,1,2-Trichloroethane	U		0.00790	0.0500	50	04/11/2025 11:22	WG2487710
Trichloroethene	U		0.00950	0.0500	50	04/11/2025 11:22	WG2487710
1,2,4-Trimethylbenzene	0.539		0.0161	0.0500	50	04/11/2025 11:22	WG2487710
1,3,5-Trimethylbenzene	0.118		0.00520	0.0500	50	04/11/2025 11:22	WG2487710
Vinyl chloride	U	J4	0.0117	0.0500	50	04/11/2025 11:22	WG2487710
o-Xylene	0.0177	J	0.00870	0.0500	50	04/11/2025 11:22	WG2487710
m&p-Xylene	0.919		0.0215	0.100	50	04/11/2025 11:22	WG2487710
Xylenes, Total	0.937		0.00870	0.150	50	04/11/2025 11:22	WG2487710
(S) Toluene-d8	*108*			*80.0-120*		*04/11/2025 11:22*	WG2487710
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/11/2025 11:22*	WG2487710
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*		*04/11/2025 11:22*	WG2487710

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.86		0.0605	0.100	1	04/10/2025 00:26	WG2485491
(S) o-Terphenyl	*115*			*52.0-156*		*04/10/2025 00:26*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1970		50.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	153		2.74	5.00	5	04/05/2025 02:02	WG2483252
Fluoride	U		0.380	0.750	5	04/05/2025 02:02	WG2483252
Nitrate as (N)	U	T8	0.442	0.500	5	04/05/2025 02:02	WG2483252
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 02:02	WG2483252
Sulfate	808		31.8	250	50	04/05/2025 07:53	WG2483252

Sample Narrative:

L1842529-176 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00866		0.000120	0.00200	1	04/10/2025 17:39	WG2484523
Barium	0.0449		0.000500	0.00200	1	04/10/2025 17:39	WG2484523
Calcium	259		0.0925	1.00	1	04/10/2025 17:39	WG2484523
Chromium	0.00106	J	0.000900	0.00200	1	04/10/2025 17:39	WG2484523
Iron	U		0.0226	0.100	1	04/10/2025 17:39	WG2484523
Lead	0.00179	J	0.000500	0.00200	1	04/10/2025 17:39	WG2484523
Manganese	0.0325		0.000700	0.00500	1	04/10/2025 17:39	WG2484523
Potassium	2.58		0.0965	2.00	1	04/10/2025 17:39	WG2484523
Selenium	0.000359	J	0.000250	0.00200	1	04/10/2025 17:39	WG2484523
Sodium	183		0.142	2.00	1	04/10/2025 17:39	WG2484523

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	11.9		0.785	2.50	25	04/10/2025 09:28	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*78.0-120*		*04/10/2025 09:28*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		2.26	10.0	200	04/15/2025 04:40	WG2489709
Benzene	5.89		0.0188	0.200	200	04/15/2025 04:40	WG2489709
Bromodichloromethane	U		0.0272	0.200	200	04/15/2025 04:40	WG2489709
Bromoform	U		0.0258	0.200	200	04/15/2025 04:40	WG2489709
Bromomethane	U		0.121	1.00	200	04/15/2025 04:40	WG2489709
n-Butylbenzene	U		0.0314	0.200	200	04/15/2025 04:40	WG2489709
sec-Butylbenzene	U		0.0250	0.200	200	04/15/2025 04:40	WG2489709
Carbon disulfide	U		0.0192	0.200	200	04/15/2025 04:40	WG2489709
Carbon tetrachloride	U		0.0256	0.200	200	04/15/2025 04:40	WG2489709
Chlorobenzene	U		0.0232	0.200	200	04/15/2025 04:40	WG2489709
Chlorodibromomethane	U		0.0280	0.200	200	04/15/2025 04:40	WG2489709
Chloroethane	U		0.0384	1.00	200	04/15/2025 04:40	WG2489709
Chloroform	U		0.0222	1.00	200	04/15/2025 04:40	WG2489709
Chloromethane	U		0.192	0.500	200	04/15/2025 04:40	WG2489709
1,2-Dibromoethane	U		0.0252	0.200	200	04/15/2025 04:40	WG2489709
1,1-Dichloroethane	U		0.0200	0.200	200	04/15/2025 04:40	WG2489709

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0164	0.200	200	04/15/2025 04:40	WG2489709
1,1-Dichloroethene	U		0.0376	0.200	200	04/15/2025 04:40	WG2489709
cis-1,2-Dichloroethene	U		0.0252	0.200	200	04/15/2025 04:40	WG2489709
trans-1,2-Dichloroethene	U		0.0298	0.200	200	04/15/2025 04:40	WG2489709
1,2-Dichloropropane	U		0.0298	0.200	200	04/15/2025 04:40	WG2489709
cis-1,3-Dichloropropene	U		0.0222	0.200	200	04/15/2025 04:40	WG2489709
trans-1,3-Dichloropropene	U		0.0236	0.200	200	04/15/2025 04:40	WG2489709
Ethylbenzene	0.0719	J	0.0274	0.200	200	04/15/2025 04:40	WG2489709
Isopropylbenzene	0.0286	J	0.0210	0.200	200	04/15/2025 04:40	WG2489709
p-Isopropyltoluene	U		0.0240	0.200	200	04/15/2025 04:40	WG2489709
2-Butanone (MEK)	U		0.238	2.00	200	04/15/2025 04:40	WG2489709
2-Hexanone	U		0.157	2.00	200	04/15/2025 04:40	WG2489709
Methylene Chloride	U		0.0860	1.00	200	04/15/2025 04:40	WG2489709
4-Methyl-2-pentanone (MIBK)	U		0.0956	2.00	200	04/15/2025 04:40	WG2489709
Methyl tert-butyl ether	0.0337	J	0.0202	0.200	200	04/15/2025 04:40	WG2489709
Naphthalene	U		0.200	1.00	200	04/15/2025 04:40	WG2489709
n-Propylbenzene	0.0369	J	0.0199	0.200	200	04/15/2025 04:40	WG2489709
Styrene	U		0.0236	0.200	200	04/15/2025 04:40	WG2489709
tert-Butyl alcohol	U		0.812	1.00	200	04/15/2025 04:40	WG2489709
1,1,1,2-Tetrachloroethane	U		0.0294	0.200	200	04/15/2025 04:40	WG2489709
1,1,2,2-Tetrachloroethane	U		0.0266	0.200	200	04/15/2025 04:40	WG2489709
Tetrachloroethene	U		0.0600	0.200	200	04/15/2025 04:40	WG2489709
Toluene	0.309		0.0556	0.200	200	04/15/2025 04:40	WG2489709
1,1,1-Trichloroethane	U		0.0298	0.200	200	04/15/2025 04:40	WG2489709
1,1,2-Trichloroethane	U		0.0316	0.200	200	04/15/2025 04:40	WG2489709
Trichloroethene	U		0.0380	0.200	200	04/15/2025 04:40	WG2489709
1,2,4-Trimethylbenzene	0.0755	J	0.0644	0.200	200	04/15/2025 04:40	WG2489709
1,3,5-Trimethylbenzene	U		0.0208	0.200	200	04/15/2025 04:40	WG2489709
Vinyl chloride	U		0.0468	0.200	200	04/15/2025 04:40	WG2489709
o-Xylene	0.0538	J	0.0348	0.200	200	04/15/2025 04:40	WG2489709
m&p-Xylene	0.161	J	0.0860	0.400	200	04/15/2025 04:40	WG2489709
Xylenes, Total	0.215	J	0.0348	0.600	200	04/15/2025 04:40	WG2489709
(S) Toluene-d8	*105*			*80.0-120*		*04/15/2025 04:40*	WG2489709
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*04/15/2025 04:40*	WG2489709
(S) 1,2-Dichloroethane-d4	*94.0*			*70.0-130*		*04/15/2025 04:40*	WG2489709

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	6.88		0.0605	0.100	1	04/10/2025 00:46	WG2485491
(S) o-Terphenyl	*104*			*52.0-156*		*04/10/2025 00:46*	WG2485491

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3660		50.0	1	04/05/2025 09:48	WG2483442

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	232		5.47	10.0	10	04/05/2025 02:16	WG2483252
Fluoride	U		0.761	1.50	10	04/05/2025 02:16	WG2483252
Nitrate as (N)	U	T8	0.884	1.00	10	04/05/2025 02:16	WG2483252
Nitrite as (N)	U	T8	0.794	1.00	10	04/05/2025 02:16	WG2483252
Sulfate	2060		63.7	500	100	04/05/2025 08:07	WG2483252

Sample Narrative:

L1842529-177 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.609		0.0232	0.200	1	04/10/2025 10:33	WG2484500

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00681		0.000120	0.00200	1	04/10/2025 17:37	WG2484524
Barium	0.0196		0.000500	0.00200	1	04/10/2025 17:37	WG2484524
Calcium	467		0.0925	1.00	1	04/10/2025 17:37	WG2484524
Chromium	U		0.000900	0.00200	1	04/10/2025 17:37	WG2484524
Iron	2.01		0.0226	0.100	1	04/10/2025 17:37	WG2484524
Lead	0.00345	B	0.000500	0.00200	1	04/10/2025 17:37	WG2484524
Manganese	0.484		0.000700	0.00500	1	04/10/2025 17:37	WG2484524
Potassium	3.97		0.0965	2.00	1	04/10/2025 17:37	WG2484524
Selenium	0.000311	J	0.000250	0.00200	1	04/10/2025 17:37	WG2484524
Sodium	332		0.142	2.00	1	04/10/2025 17:37	WG2484524
Uranium	0.000743	J	0.000130	0.00100	1	04/10/2025 17:37	WG2484524

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0113	0.0500	1	04/11/2025 07:51	WG2487710
Benzene	U		0.0000941	0.00100	1	04/11/2025 07:51	WG2487710
Bromodichloromethane	U		0.000136	0.00100	1	04/11/2025 07:51	WG2487710
Bromoform	U		0.000129	0.00100	1	04/11/2025 07:51	WG2487710
Bromomethane	U		0.000605	0.00500	1	04/11/2025 07:51	WG2487710
n-Butylbenzene	U		0.000157	0.00100	1	04/11/2025 07:51	WG2487710
sec-Butylbenzene	U		0.000125	0.00100	1	04/11/2025 07:51	WG2487710
Carbon disulfide	U		0.0000962	0.00100	1	04/11/2025 07:51	WG2487710
Carbon tetrachloride	U		0.000128	0.00100	1	04/11/2025 07:51	WG2487710
Chlorobenzene	U		0.000116	0.00100	1	04/11/2025 07:51	WG2487710
Chlorodibromomethane	U		0.000140	0.00100	1	04/11/2025 07:51	WG2487710
Chloroethane	U	J4	0.000192	0.00500	1	04/11/2025 07:51	WG2487710
Chloroform	U		0.000111	0.00500	1	04/11/2025 07:51	WG2487710
Chloromethane	U		0.000960	0.00250	1	04/11/2025 07:51	WG2487710
1,2-Dibromoethane	U		0.000126	0.00100	1	04/11/2025 07:51	WG2487710
1,1-Dichloroethane	U		0.000100	0.00100	1	04/11/2025 07:51	WG2487710
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/11/2025 07:51	WG2487710

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethene	U		0.000188	0.00100	1	04/11/2025 07:51	WG2487710
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/11/2025 07:51	WG2487710
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/11/2025 07:51	WG2487710
1,2-Dichloropropane	U		0.000149	0.00100	1	04/11/2025 07:51	WG2487710
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/11/2025 07:51	WG2487710
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/11/2025 07:51	WG2487710
Ethylbenzene	U		0.000137	0.00100	1	04/11/2025 07:51	WG2487710
Isopropylbenzene	U		0.000105	0.00100	1	04/11/2025 07:51	WG2487710
p-Isopropyltoluene	U		0.000120	0.00100	1	04/11/2025 07:51	WG2487710
2-Butanone (MEK)	U		0.00119	0.0100	1	04/11/2025 07:51	WG2487710
2-Hexanone	U		0.000787	0.0100	1	04/11/2025 07:51	WG2487710
Methylene Chloride	U		0.000430	0.00500	1	04/11/2025 07:51	WG2487710
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/11/2025 07:51	WG2487710
Methyl tert-butyl ether	0.00253		0.000101	0.00100	1	04/11/2025 07:51	WG2487710
Naphthalene	U		0.00100	0.00500	1	04/11/2025 07:51	WG2487710
n-Propylbenzene	U		0.0000993	0.00100	1	04/11/2025 07:51	WG2487710
Styrene	U		0.000118	0.00100	1	04/11/2025 07:51	WG2487710
tert-Butyl alcohol	U	J3	0.00406	0.00500	1	04/11/2025 07:51	WG2487710
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/11/2025 07:51	WG2487710
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/11/2025 07:51	WG2487710
Tetrachloroethene	U		0.000300	0.00100	1	04/11/2025 07:51	WG2487710
Toluene	U		0.000278	0.00100	1	04/11/2025 07:51	WG2487710
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/11/2025 07:51	WG2487710
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/11/2025 07:51	WG2487710
Trichloroethene	U		0.000190	0.00100	1	04/11/2025 07:51	WG2487710
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/11/2025 07:51	WG2487710
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/11/2025 07:51	WG2487710
Vinyl chloride	U	J4	0.000234	0.00100	1	04/11/2025 07:51	WG2487710
o-Xylene	U		0.000174	0.00100	1	04/11/2025 07:51	WG2487710
m&p-Xylene	U		0.000430	0.00200	1	04/11/2025 07:51	WG2487710
Xylenes, Total	U		0.000174	0.00300	1	04/11/2025 07:51	WG2487710
(S) Toluene-d8	*110*			*80.0-120*		*04/11/2025 07:51*	WG2487710
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/11/2025 07:51*	WG2487710
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/11/2025 07:51*	WG2487710

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.829		0.0605	0.100	1	04/10/2025 01:06	WG2485491
(S) o-Terphenyl	*96.3*			*52.0-156*		*04/10/2025 01:06*	WG2485491

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	7.46		0.314	1.00	10	04/10/2025 09:49	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*78.0-120*		*04/10/2025 09:49*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/14/2025 14:37	WG2488739
Benzene	U		0.0000941	0.00100	1	04/14/2025 14:37	WG2488739
Bromodichloromethane	U		0.000136	0.00100	1	04/14/2025 14:37	WG2488739
Bromoform	U		0.000129	0.00100	1	04/14/2025 14:37	WG2488739
Bromomethane	U		0.000605	0.00500	1	04/14/2025 14:37	WG2488739
n-Butylbenzene	U		0.000157	0.00100	1	04/14/2025 14:37	WG2488739
sec-Butylbenzene	U		0.000125	0.00100	1	04/14/2025 14:37	WG2488739
Carbon disulfide	U		0.0000962	0.00100	1	04/14/2025 14:37	WG2488739
Carbon tetrachloride	U		0.000128	0.00100	1	04/14/2025 14:37	WG2488739
Chlorobenzene	U		0.000116	0.00100	1	04/14/2025 14:37	WG2488739
Chlorodibromomethane	U		0.000140	0.00100	1	04/14/2025 14:37	WG2488739
Chloroethane	U		0.000192	0.00500	1	04/14/2025 14:37	WG2488739
Chloroform	U		0.000111	0.00500	1	04/14/2025 14:37	WG2488739
Chloromethane	U		0.000960	0.00250	1	04/14/2025 14:37	WG2488739
1,2-Dibromoethane	U		0.000126	0.00100	1	04/14/2025 14:37	WG2488739
1,1-Dichloroethane	U		0.000100	0.00100	1	04/14/2025 14:37	WG2488739
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/14/2025 14:37	WG2488739
1,1-Dichloroethene	U	J4	0.000188	0.00100	1	04/14/2025 14:37	WG2488739
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/14/2025 14:37	WG2488739
trans-1,2-Dichloroethene	U	J4	0.000149	0.00100	1	04/14/2025 14:37	WG2488739
1,2-Dichloropropane	U		0.000149	0.00100	1	04/14/2025 14:37	WG2488739
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/14/2025 14:37	WG2488739
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/14/2025 14:37	WG2488739
Ethylbenzene	U		0.000137	0.00100	1	04/14/2025 14:37	WG2488739
Isopropylbenzene	U		0.000105	0.00100	1	04/14/2025 14:37	WG2488739
p-Isopropyltoluene	U		0.000120	0.00100	1	04/14/2025 14:37	WG2488739
2-Butanone (MEK)	U		0.00119	0.0100	1	04/14/2025 14:37	WG2488739
2-Hexanone	U		0.000787	0.0100	1	04/14/2025 14:37	WG2488739
Methylene Chloride	U		0.000430	0.00500	1	04/14/2025 14:37	WG2488739
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/14/2025 14:37	WG2488739
Methyl tert-butyl ether	10.1		0.0101	0.100	100	04/15/2025 22:50	WG2491077
Naphthalene	U		0.00100	0.00500	1	04/14/2025 14:37	WG2488739
n-Propylbenzene	U		0.0000993	0.00100	1	04/14/2025 14:37	WG2488739
Styrene	U		0.000118	0.00100	1	04/14/2025 14:37	WG2488739
tert-Butyl alcohol	U		0.406	0.500	100	04/15/2025 22:50	WG2491077
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/14/2025 14:37	WG2488739
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/14/2025 14:37	WG2488739
Tetrachloroethene	U		0.000300	0.00100	1	04/14/2025 14:37	WG2488739
Toluene	U		0.000278	0.00100	1	04/14/2025 14:37	WG2488739
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/14/2025 14:37	WG2488739
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/14/2025 14:37	WG2488739
Trichloroethene	U		0.000190	0.00100	1	04/14/2025 14:37	WG2488739
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/14/2025 14:37	WG2488739
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/14/2025 14:37	WG2488739
Vinyl chloride	U		0.000234	0.00100	1	04/14/2025 14:37	WG2488739
o-Xylene	U		0.000174	0.00100	1	04/14/2025 14:37	WG2488739
m&p-Xylene	U		0.000430	0.00200	1	04/14/2025 14:37	WG2488739
Xylenes, Total	U		0.000174	0.00300	1	04/14/2025 14:37	WG2488739
(S) Toluene-d8	*99.6*			*80.0-120*		*04/14/2025 14:37*	WG2488739

MW-157
Collected date/time: 04/02/25 09:15
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) Toluene-d8	*108*			*80.0-120*		*04/15/2025 22:50*	WG2491077
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/14/2025 14:37*	WG2488739
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*		*04/15/2025 22:50*	WG2491077
(S) 1,2-Dichloroethane-d4	*97.6*			*70.0-130*		*04/14/2025 14:37*	WG2488739
(S) 1,2-Dichloroethane-d4	*95.0*			*70.0-130*		*04/15/2025 22:50*	WG2491077

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.296		0.0605	0.100	1	04/10/2025 01:26	WG2485491
(S) o-Terphenyl	*94.7*			*52.0-156*		*04/10/2025 01:26*	WG2485491

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	1	04/10/2025 03:05	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/10/2025 03:05*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/14/2025 14:56	WG2488739
Benzene	U		0.0000941	0.00100	1	04/14/2025 14:56	WG2488739
Bromodichloromethane	U		0.000136	0.00100	1	04/14/2025 14:56	WG2488739
Bromoform	U		0.000129	0.00100	1	04/14/2025 14:56	WG2488739
Bromomethane	U		0.000605	0.00500	1	04/14/2025 14:56	WG2488739
n-Butylbenzene	U		0.000157	0.00100	1	04/14/2025 14:56	WG2488739
sec-Butylbenzene	U		0.000125	0.00100	1	04/14/2025 14:56	WG2488739
Carbon disulfide	U		0.0000962	0.00100	1	04/14/2025 14:56	WG2488739
Carbon tetrachloride	U		0.000128	0.00100	1	04/14/2025 14:56	WG2488739
Chlorobenzene	U		0.000116	0.00100	1	04/14/2025 14:56	WG2488739
Chlorodibromomethane	U		0.000140	0.00100	1	04/14/2025 14:56	WG2488739
Chloroethane	U		0.000192	0.00500	1	04/14/2025 14:56	WG2488739
Chloroform	U		0.000111	0.00500	1	04/14/2025 14:56	WG2488739
Chloromethane	U		0.000960	0.00250	1	04/14/2025 14:56	WG2488739
1,2-Dibromoethane	U		0.000126	0.00100	1	04/14/2025 14:56	WG2488739
1,1-Dichloroethane	U		0.000100	0.00100	1	04/14/2025 14:56	WG2488739
1,2-Dichloroethane	0.000476	J	0.0000819	0.00100	1	04/14/2025 14:56	WG2488739
1,1-Dichloroethene	U	J4	0.000188	0.00100	1	04/14/2025 14:56	WG2488739
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/14/2025 14:56	WG2488739
trans-1,2-Dichloroethene	U	J4	0.000149	0.00100	1	04/14/2025 14:56	WG2488739
1,2-Dichloropropane	U		0.000149	0.00100	1	04/14/2025 14:56	WG2488739
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/14/2025 14:56	WG2488739
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/14/2025 14:56	WG2488739
Ethylbenzene	U		0.000137	0.00100	1	04/14/2025 14:56	WG2488739
Isopropylbenzene	U		0.000105	0.00100	1	04/14/2025 14:56	WG2488739
p-Isopropyltoluene	U		0.000120	0.00100	1	04/14/2025 14:56	WG2488739
2-Butanone (MEK)	U		0.00119	0.0100	1	04/14/2025 14:56	WG2488739
2-Hexanone	U		0.000787	0.0100	1	04/14/2025 14:56	WG2488739
Methylene Chloride	U		0.000430	0.00500	1	04/14/2025 14:56	WG2488739
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/14/2025 14:56	WG2488739
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2025 18:51	WG2491077
Naphthalene	U		0.00100	0.00500	1	04/14/2025 14:56	WG2488739
n-Propylbenzene	U		0.0000993	0.00100	1	04/14/2025 14:56	WG2488739
Styrene	U		0.000118	0.00100	1	04/14/2025 14:56	WG2488739
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2025 18:51	WG2491077
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/14/2025 14:56	WG2488739
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/14/2025 14:56	WG2488739
Tetrachloroethene	U		0.000300	0.00100	1	04/14/2025 14:56	WG2488739
Toluene	U		0.000278	0.00100	1	04/14/2025 14:56	WG2488739
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/14/2025 14:56	WG2488739
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/14/2025 14:56	WG2488739
Trichloroethene	0.000270	J	0.000190	0.00100	1	04/14/2025 14:56	WG2488739
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/14/2025 14:56	WG2488739
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/14/2025 14:56	WG2488739
Vinyl chloride	U		0.000234	0.00100	1	04/14/2025 14:56	WG2488739
o-Xylene	U		0.000174	0.00100	1	04/14/2025 14:56	WG2488739
m&p-Xylene	U		0.000430	0.00200	1	04/14/2025 14:56	WG2488739
Xylenes, Total	U		0.000174	0.00300	1	04/14/2025 14:56	WG2488739
(S) Toluene-d8	*101*			*80.0-120*		*04/14/2025 14:56*	WG2488739

MW-158
Collected date/time: 04/02/25 08:25

L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) Toluene-d8	*105*			*80.0-120*		*04/15/2025 18:51*	WG2491077
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/14/2025 14:56*	WG2488739
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*04/15/2025 18:51*	WG2491077
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*04/14/2025 14:56*	WG2488739
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*04/15/2025 18:51*	WG2491077

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.0974	J	0.0605	0.100	1	04/10/2025 01:46	WG2485491
(S) o-Terphenyl	*97.9*			*52.0-156*		*04/10/2025 01:46*	WG2485491

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.349		0.0314	0.100	1	04/10/2025 03:26	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*04/10/2025 03:26*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/14/2025 15:15	WG2488739
Benzene	U		0.0000941	0.00100	1	04/14/2025 15:15	WG2488739
Bromodichloromethane	U		0.000136	0.00100	1	04/14/2025 15:15	WG2488739
Bromoform	U		0.000129	0.00100	1	04/14/2025 15:15	WG2488739
Bromomethane	U		0.000605	0.00500	1	04/14/2025 15:15	WG2488739
n-Butylbenzene	U		0.000157	0.00100	1	04/14/2025 15:15	WG2488739
sec-Butylbenzene	U		0.000125	0.00100	1	04/14/2025 15:15	WG2488739
Carbon disulfide	U		0.0000962	0.00100	1	04/14/2025 15:15	WG2488739
Carbon tetrachloride	U		0.000128	0.00100	1	04/14/2025 15:15	WG2488739
Chlorobenzene	U		0.000116	0.00100	1	04/14/2025 15:15	WG2488739
Chlorodibromomethane	U		0.000140	0.00100	1	04/14/2025 15:15	WG2488739
Chloroethane	U		0.000192	0.00500	1	04/14/2025 15:15	WG2488739
Chloroform	U		0.000111	0.00500	1	04/14/2025 15:15	WG2488739
Chloromethane	U		0.000960	0.00250	1	04/14/2025 15:15	WG2488739
1,2-Dibromoethane	U		0.000126	0.00100	1	04/14/2025 15:15	WG2488739
1,1-Dichloroethane	U		0.000100	0.00100	1	04/14/2025 15:15	WG2488739
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/14/2025 15:15	WG2488739
1,1-Dichloroethene	U	J4	0.000188	0.00100	1	04/14/2025 15:15	WG2488739
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/14/2025 15:15	WG2488739
trans-1,2-Dichloroethene	U	J4	0.000149	0.00100	1	04/14/2025 15:15	WG2488739
1,2-Dichloropropane	U		0.000149	0.00100	1	04/14/2025 15:15	WG2488739
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/14/2025 15:15	WG2488739
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/14/2025 15:15	WG2488739
Ethylbenzene	U		0.000137	0.00100	1	04/14/2025 15:15	WG2488739
Isopropylbenzene	0.000116	J	0.000105	0.00100	1	04/14/2025 15:15	WG2488739
p-Isopropyltoluene	U		0.000120	0.00100	1	04/14/2025 15:15	WG2488739
2-Butanone (MEK)	U		0.00119	0.0100	1	04/14/2025 15:15	WG2488739
2-Hexanone	U		0.000787	0.0100	1	04/14/2025 15:15	WG2488739
Methylene Chloride	U		0.000430	0.00500	1	04/14/2025 15:15	WG2488739
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/14/2025 15:15	WG2488739
Methyl tert-butyl ether	0.398		0.00202	0.0200	20	04/15/2025 23:10	WG2491077
Naphthalene	U		0.00100	0.00500	1	04/14/2025 15:15	WG2488739
n-Propylbenzene	0.000164	J	0.0000993	0.00100	1	04/14/2025 15:15	WG2488739
Styrene	U		0.000118	0.00100	1	04/14/2025 15:15	WG2488739
tert-Butyl alcohol	U		0.0812	0.100	20	04/15/2025 23:10	WG2491077
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/14/2025 15:15	WG2488739
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/14/2025 15:15	WG2488739
Tetrachloroethene	U		0.000300	0.00100	1	04/14/2025 15:15	WG2488739
Toluene	U		0.000278	0.00100	1	04/14/2025 15:15	WG2488739
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/14/2025 15:15	WG2488739
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/14/2025 15:15	WG2488739
Trichloroethene	U		0.000190	0.00100	1	04/14/2025 15:15	WG2488739
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/14/2025 15:15	WG2488739
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/14/2025 15:15	WG2488739
Vinyl chloride	U		0.000234	0.00100	1	04/14/2025 15:15	WG2488739
o-Xylene	U		0.000174	0.00100	1	04/14/2025 15:15	WG2488739
m&p-Xylene	U		0.000430	0.00200	1	04/14/2025 15:15	WG2488739
Xylenes, Total	U		0.000174	0.00300	1	04/14/2025 15:15	WG2488739
(S) Toluene-d8	*99.9*			*80.0-120*		*04/14/2025 15:15*	WG2488739

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) Toluene-d8	*106*			*80.0-120*		*04/15/2025 23:10*	WG2491077
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*		*04/14/2025 15:15*	WG2488739
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*04/15/2025 23:10*	WG2491077
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*		*04/14/2025 15:15*	WG2488739
(S) 1,2-Dichloroethane-d4	*94.1*			*70.0-130*		*04/15/2025 23:10*	WG2491077

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.441		0.0605	0.100	1	04/10/2025 02:06	WG2485491
(S) o-Terphenyl	*96.8*			*52.0-156*		*04/10/2025 02:06*	WG2485491

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3330		50.0	1	04/05/2025 11:00	WG2483446

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	285		2.74	5.00	5	04/05/2025 02:29	WG2483252
Fluoride	1.63		0.380	0.750	5	04/05/2025 02:29	WG2483252
Nitrate as (N)	0.499	J T8	0.442	0.500	5	04/05/2025 02:29	WG2483252
Nitrite as (N)	U	T8	0.397	0.500	5	04/05/2025 02:29	WG2483252
Sulfate	1630		31.8	250	50	04/05/2025 08:20	WG2483252

Sample Narrative:

L1842529-181 WG2483252: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00346		0.000120	0.00200	1	04/10/2025 17:40	WG2484524
Barium	0.0165		0.000500	0.00200	1	04/10/2025 17:40	WG2484524
Calcium	358		0.0925	1.00	1	04/10/2025 17:40	WG2484524
Chromium	U		0.000900	0.00200	1	04/10/2025 17:40	WG2484524
Iron	U		0.0226	0.100	1	04/10/2025 17:40	WG2484524
Lead	U		0.000500	0.00200	1	04/10/2025 17:40	WG2484524
Manganese	0.0739		0.000700	0.00500	1	04/10/2025 17:40	WG2484524
Potassium	1.04	J	0.0965	2.00	1	04/10/2025 17:40	WG2484524
Selenium	0.000564	J	0.000250	0.00200	1	04/10/2025 17:40	WG2484524
Sodium	214		0.142	2.00	1	04/10/2025 17:40	WG2484524

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.375		0.0314	0.100	1	04/10/2025 03:47	WG2486829
(S) a,a,a-Trifluorotoluene(FID)	*97.0*			*78.0-120*		*04/10/2025 03:47*	WG2486829

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0113	0.0500	1	04/14/2025 15:34	WG2488739
Benzene	0.000427	J	0.0000941	0.00100	1	04/14/2025 15:34	WG2488739
Bromodichloromethane	U		0.000136	0.00100	1	04/14/2025 15:34	WG2488739
Bromoform	U		0.000129	0.00100	1	04/14/2025 15:34	WG2488739
Bromomethane	U		0.000605	0.00500	1	04/14/2025 15:34	WG2488739
n-Butylbenzene	0.000402	J	0.000157	0.00100	1	04/14/2025 15:34	WG2488739
sec-Butylbenzene	0.00863		0.000125	0.00100	1	04/14/2025 15:34	WG2488739
Carbon disulfide	U		0.0000962	0.00100	1	04/14/2025 15:34	WG2488739
Carbon tetrachloride	U		0.000128	0.00100	1	04/14/2025 15:34	WG2488739
Chlorobenzene	U		0.000116	0.00100	1	04/14/2025 15:34	WG2488739
Chlorodibromomethane	U		0.000140	0.00100	1	04/14/2025 15:34	WG2488739
Chloroethane	U		0.000192	0.00500	1	04/14/2025 15:34	WG2488739
Chloroform	0.00155	J	0.000111	0.00500	1	04/14/2025 15:34	WG2488739
Chloromethane	U		0.000960	0.00250	1	04/14/2025 15:34	WG2488739
1,2-Dibromoethane	U		0.000126	0.00100	1	04/14/2025 15:34	WG2488739
1,1-Dichloroethane	U		0.000100	0.00100	1	04/14/2025 15:34	WG2488739

MW-30
Collected date/time: 04/02/25 08:25
L1842529

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/14/2025 15:34	WG2488739
1,1-Dichloroethene	U	J4	0.000188	0.00100	1	04/14/2025 15:34	WG2488739
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/14/2025 15:34	WG2488739
trans-1,2-Dichloroethene	U	J4	0.000149	0.00100	1	04/14/2025 15:34	WG2488739
1,2-Dichloropropane	U		0.000149	0.00100	1	04/14/2025 15:34	WG2488739
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/14/2025 15:34	WG2488739
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/14/2025 15:34	WG2488739
Ethylbenzene	0.000272	J	0.000137	0.00100	1	04/14/2025 15:34	WG2488739
Isopropylbenzene	0.0505	C5	0.000105	0.00100	1	04/14/2025 15:34	WG2488739
p-Isopropyltoluene	U		0.000120	0.00100	1	04/14/2025 15:34	WG2488739
2-Butanone (MEK)	U		0.00119	0.0100	1	04/14/2025 15:34	WG2488739
2-Hexanone	U		0.000787	0.0100	1	04/14/2025 15:34	WG2488739
Methylene Chloride	U		0.000430	0.00500	1	04/14/2025 15:34	WG2488739
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/14/2025 15:34	WG2488739
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/15/2025 19:11	WG2491077
Naphthalene	U		0.00100	0.00500	1	04/14/2025 15:34	WG2488739
n-Propylbenzene	0.00255		0.0000993	0.00100	1	04/14/2025 15:34	WG2488739
Styrene	U		0.000118	0.00100	1	04/14/2025 15:34	WG2488739
tert-Butyl alcohol	U		0.00406	0.00500	1	04/15/2025 19:11	WG2491077
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/14/2025 15:34	WG2488739
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/14/2025 15:34	WG2488739
Tetrachloroethene	U		0.000300	0.00100	1	04/14/2025 15:34	WG2488739
Toluene	U		0.000278	0.00100	1	04/14/2025 15:34	WG2488739
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/14/2025 15:34	WG2488739
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/14/2025 15:34	WG2488739
Trichloroethene	U		0.000190	0.00100	1	04/14/2025 15:34	WG2488739
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/14/2025 15:34	WG2488739
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/14/2025 15:34	WG2488739
Vinyl chloride	U		0.000234	0.00100	1	04/14/2025 15:34	WG2488739
o-Xylene	0.000260	J	0.000174	0.00100	1	04/14/2025 15:34	WG2488739
m&p-Xylene	U		0.000430	0.00200	1	04/14/2025 15:34	WG2488739
Xylenes, Total	0.000260	J	0.000174	0.00300	1	04/14/2025 15:34	WG2488739
(S) Toluene-d8	*98.5*			*80.0-120*		*04/14/2025 15:34*	WG2488739
(S) Toluene-d8	*102*			*80.0-120*		*04/15/2025 19:11*	WG2491077
(S) 4-Bromofluorobenzene	*99.5*			*77.0-126*		*04/14/2025 15:34*	WG2488739
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*		*04/15/2025 19:11*	WG2491077
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*		*04/14/2025 15:34*	WG2488739
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*		*04/15/2025 19:11*	WG2491077

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.52		0.0605	0.100	1	04/10/2025 02:26	WG2485491
(S) o-Terphenyl	*112*			*52.0-156*		*04/10/2025 02:26*	WG2485491

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3 J3	0.0113	0.0500	1	04/14/2025 10:01	WG2489014
Benzene	U		0.0000941	0.00100	1	04/14/2025 10:01	WG2489014
Bromodichloromethane	U		0.000136	0.00100	1	04/14/2025 10:01	WG2489014
Bromoform	U		0.000129	0.00100	1	04/14/2025 10:01	WG2489014
Bromomethane	U		0.000605	0.00500	1	04/14/2025 10:01	WG2489014
n-Butylbenzene	U		0.000157	0.00100	1	04/14/2025 10:01	WG2489014
sec-Butylbenzene	U		0.000125	0.00100	1	04/14/2025 10:01	WG2489014
Carbon disulfide	U		0.0000962	0.00100	1	04/14/2025 10:01	WG2489014
Carbon tetrachloride	U		0.000128	0.00100	1	04/14/2025 10:01	WG2489014
Chlorobenzene	U		0.000116	0.00100	1	04/14/2025 10:01	WG2489014
Chlorodibromomethane	U		0.000140	0.00100	1	04/14/2025 10:01	WG2489014
Chloroethane	U		0.000192	0.00500	1	04/14/2025 10:01	WG2489014
Chloroform	U		0.000111	0.00500	1	04/14/2025 10:01	WG2489014
Chloromethane	U		0.000960	0.00250	1	04/14/2025 10:01	WG2489014
1,2-Dibromoethane	U		0.000126	0.00100	1	04/14/2025 10:01	WG2489014
1,1-Dichloroethane	U		0.000100	0.00100	1	04/14/2025 10:01	WG2489014
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/14/2025 10:01	WG2489014
1,1-Dichloroethene	U		0.000188	0.00100	1	04/14/2025 10:01	WG2489014
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/14/2025 10:01	WG2489014
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/14/2025 10:01	WG2489014
1,2-Dichloropropane	U		0.000149	0.00100	1	04/14/2025 10:01	WG2489014
cis-1,3-Dichloropropene	U	C3 J4	0.000111	0.00100	1	04/14/2025 10:01	WG2489014
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/14/2025 10:01	WG2489014
Ethylbenzene	U		0.000137	0.00100	1	04/14/2025 10:01	WG2489014
Isopropylbenzene	U		0.000105	0.00100	1	04/14/2025 10:01	WG2489014
p-Isopropyltoluene	U		0.000120	0.00100	1	04/14/2025 10:01	WG2489014
2-Butanone (MEK)	U	C3	0.00119	0.0100	1	04/14/2025 10:01	WG2489014
2-Hexanone	U	C3	0.000787	0.0100	1	04/14/2025 10:01	WG2489014
Methylene Chloride	U		0.000430	0.00500	1	04/14/2025 10:01	WG2489014
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/14/2025 10:01	WG2489014
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/14/2025 10:01	WG2489014
Naphthalene	U	C3	0.00100	0.00500	1	04/14/2025 10:01	WG2489014
n-Propylbenzene	U		0.0000993	0.00100	1	04/14/2025 10:01	WG2489014
Styrene	U		0.000118	0.00100	1	04/14/2025 10:01	WG2489014
tert-Butyl alcohol	U		0.00406	0.00500	1	04/14/2025 10:01	WG2489014
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/14/2025 10:01	WG2489014
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/14/2025 10:01	WG2489014
Tetrachloroethene	U		0.000300	0.00100	1	04/14/2025 10:01	WG2489014
Toluene	U		0.000278	0.00100	1	04/14/2025 10:01	WG2489014
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/14/2025 10:01	WG2489014
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/14/2025 10:01	WG2489014
Trichloroethene	U		0.000190	0.00100	1	04/14/2025 10:01	WG2489014
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/14/2025 10:01	WG2489014
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/14/2025 10:01	WG2489014
Vinyl chloride	U		0.000234	0.00100	1	04/14/2025 10:01	WG2489014
o-Xylene	U		0.000174	0.00100	1	04/14/2025 10:01	WG2489014
m&p-Xylene	U		0.000430	0.00200	1	04/14/2025 10:01	WG2489014
Xylenes, Total	U		0.000174	0.00300	1	04/14/2025 10:01	WG2489014
(S) Toluene-d8	*111*			*80.0-120*		*04/14/2025 10:01*	WG2489014
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*04/14/2025 10:01*	WG2489014
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/14/2025 10:01*	WG2489014

Method Blank (MB)

(MB) R4195670-1 04/03/25 12:02

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1842529-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-01 04/03/25 12:02 • (DUP) R4195670-3 04/03/25 12:02

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	6100	6150	1	0.816		10

L1842529-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-20 04/03/25 12:02 • (DUP) R4195670-4 04/03/25 12:02

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	7680	7960	1	3.58		10

Laboratory Control Sample (LCS)

(LCS) R4195670-2 04/03/25 12:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8680	98.6	90.0-110	

Method Blank (MB)

(MB) R4195653-1 04/03/25 09:37

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1842465-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1842465-01 04/03/25 09:37 • (DUP) R4195653-3 04/03/25 09:37

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	247	261	1	5.51		10

L1842529-83 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-83 04/03/25 09:37 • (DUP) R4195653-4 04/03/25 09:37

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	ND	ND	1	28.6	P1	10

Laboratory Control Sample (LCS)

(LCS) R4195653-2 04/03/25 09:37

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8030	91.3	90.0-110	

Method Blank (MB)

(MB) R4195666-1 04/03/25 10:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1842529-44 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-44 04/03/25 10:54 • (DUP) R4195666-3 04/03/25 10:54

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	3860	3890	1	0.646		10

L1842529-64 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-64 04/03/25 10:54 • (DUP) R4195666-4 04/03/25 10:54

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	3490	3570	1	2.13		10

Laboratory Control Sample (LCS)

(LCS) R4195666-2 04/03/25 10:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8420	95.7	90.0-110	

Method Blank (MB)

(MB) R4195633-1 04/03/25 15:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1842529-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-21 04/03/25 15:12 • (DUP) R4195633-3 04/03/25 15:12

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	5830	5820	1	0.172		10

L1842529-43 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-43 04/03/25 15:12 • (DUP) R4195633-4 04/03/25 15:12

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	3710	3680	1	0.677		10

Laboratory Control Sample (LCS)

(LCS) R4195633-2 04/03/25 15:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8740	99.3	90.0-110	

Method Blank (MB)

(MB) R4196160-1 04/05/25 09:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1842529-102 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-102 04/05/25 09:48 • (DUP) R4196160-3 04/05/25 09:48

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	5600	5630	1	0.534		10

L1842529-96 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-96 04/05/25 09:48 • (DUP) R4196160-4 04/05/25 09:48

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	6340	6310	1	0.474		10

Laboratory Control Sample (LCS)

(LCS) R4196160-2 04/05/25 09:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8680	98.6	90.0-110	

Method Blank (MB)

(MB) R4196234-1 04/05/25 11:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1842529-105 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-105 04/05/25 11:00 • (DUP) R4196234-3 04/05/25 11:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	4400	4440	1	0.905		10

L1843532-24 Original Sample (OS) • Duplicate (DUP)

(OS) L1843532-24 04/05/25 11:00 • (DUP) R4196234-4 04/05/25 11:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	321	323	1	0.621		10

Laboratory Control Sample (LCS)

(LCS) R4196234-2 04/05/25 11:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8070	91.7	90.0-110	

Method Blank (MB)

(MB) R4196345-1 04/05/25 13:24

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1842529-100 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-100 04/05/25 13:24 • (DUP) R4196345-3 04/05/25 13:24

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	7570	7730	1	2.09		10

L1843532-30 Original Sample (OS) • Duplicate (DUP)

(OS) L1843532-30 04/05/25 13:24 • (DUP) R4196345-4 04/05/25 13:24

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1170	1160	1	0.514		10

Laboratory Control Sample (LCS)

(LCS) R4196345-2 04/05/25 13:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8510	96.7	90.0-110	

Method Blank (MB)

(MB) R4196230-1 04/05/25 14:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1842529-145 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-145 04/05/25 14:45 • (DUP) R4196230-3 04/05/25 14:45

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	ND	ND	1	200	P1	10

L1843532-29 Original Sample (OS) • Duplicate (DUP)

(OS) L1843532-29 04/05/25 14:45 • (DUP) R4196230-4 04/05/25 14:45

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	310	313	1	0.963		10

Laboratory Control Sample (LCS)

(LCS) R4196230-2 04/05/25 14:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8460	96.1	90.0-110	

Method Blank (MB)

(MB) R4196177-1 04/06/25 11:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1842529-164 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-164 04/06/25 11:54 • (DUP) R4196177-3 04/06/25 11:54

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1470	1490	1	1.69		10

L1843993-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1843993-04 04/06/25 11:54 • (DUP) R4196177-4 04/06/25 11:54

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1070	1060	1	0.563		10

Laboratory Control Sample (LCS)

(LCS) R4196177-2 04/06/25 11:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8710	99.0	90.0-110	

Method Blank (MB)

(MB) R4196852-2 04/07/25 17:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1844201-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1844201-03 04/07/25 17:43 • (DUP) R4196852-5 04/07/25 17:43

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2550	2510	1	1.38		10

Laboratory Control Sample (LCS)

(LCS) R4196852-3 04/07/25 17:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8810	100	90.0-110	

Method Blank (MB)

(MB) R4197972-1 04/08/25 13:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1842529-130 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-130 04/08/25 13:12 • (DUP) R4197972-3 04/08/25 13:12

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1480	1530	1	3.85		10

L1844237-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1844237-06 04/08/25 13:12 • (DUP) R4197972-4 04/08/25 13:12

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R4197972-2 04/08/25 13:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8530	96.9	90.0-110	

Method Blank (MB)

(MB) R4195126-1 04/02/25 19:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1842529-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-01 04/02/25 19:41 • (DUP) R4195126-3 04/02/25 19:57

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Fluoride	2.04	1.97	10	3.54		15
Nitrate as (N)	U	U	10	0.000		15
Nitrite as (N)	U	U	10	0.000		15

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1842529-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-01 04/02/25 20:28 • (DUP) R4195126-5 04/02/25 20:43

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	1410	1420	100	0.816		15
Sulfate	2200	2240	100	1.79		15

L1842529-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-11 04/03/25 02:42 • (DUP) R4195126-6 04/03/25 02:58

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	0.0870	0.0924	1	6.02	J	15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	0.670	U	1	200	P1	15

Laboratory Control Sample (LCS)

(LCS) R4195126-2 04/02/25 19:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.1	100	80.0-120	
Fluoride	8.00	8.31	104	80.0-120	
Nitrate as (N)	8.00	8.40	105	80.0-120	
Nitrite as (N)	8.00	8.49	106	80.0-120	
Sulfate	40.0	40.1	100	80.0-120	

L1842529-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1842529-01 04/02/25 19:41 • (MS) R4195126-4 04/02/25 20:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	1520	1220	0.000	10	80.0-120	E V
Fluoride	8.00	2.04	8.75	83.9	10	80.0-120	
Nitrate as (N)	8.00	U	6.49	81.1	10	80.0-120	
Nitrite as (N)	8.00	U	7.40	92.6	10	80.0-120	
Sulfate	40.0	2430	1900	0.000	10	80.0-120	E V

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1842529-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-11 04/03/25 02:42 • (MS) R4195126-7 04/03/25 03:13 • (MSD) R4195126-8 04/03/25 03:29

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	39.1	33.0	97.7	82.5	1	80.0-120		J3	16.9	15
Fluoride	8.00	0.0870	8.10	6.95	100	85.8	1	80.0-120		J3	15.2	15
Nitrate as (N)	8.00	U	8.16	6.86	102	85.7	1	80.0-120		J3	17.3	15
Nitrite as (N)	8.00	U	8.22	7.00	103	87.5	1	80.0-120		J3	16.0	15
Sulfate	40.0	0.670	39.5	34.3	97.1	84.1	1	80.0-120			14.1	15

Method Blank (MB)

(MB) R4194750-1 04/02/25 19:02

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4194750-2 04/02/25 19:18 • (LCSD) R4194750-3 04/02/25 19:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	39.0	39.3	97.6	98.3	80.0-120			0.674	15
Fluoride	8.00	7.17	7.20	89.6	90.0	80.0-120			0.487	15
Nitrate as (N)	8.00	7.75	7.80	96.8	97.4	80.0-120			0.613	15
Nitrite as (N)	8.00	7.94	8.00	99.3	100	80.0-120			0.711	15
Sulfate	40.0	39.6	39.7	98.9	99.4	80.0-120			0.454	15

Method Blank (MB)

(MB) R4194720-1 04/02/25 22:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1842529-45 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-45 04/02/25 23:36 • (DUP) R4194720-3 04/02/25 23:49

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1842529-54 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-54 04/03/25 02:03 • (DUP) R4194720-6 04/03/25 02:16

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4194720-2 04/02/25 23:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.8	99.4	80.0-120	
Fluoride	8.00	8.08	101	80.0-120	
Nitrate as (N)	8.00	8.03	100	80.0-120	
Nitrite as (N)	8.00	8.25	103	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4194720-2 04/02/25 23:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40.0	39.5	98.7	80.0-120	

L1842529-45 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-45 04/02/25 23:36 • (MS) R4194720-4 04/03/25 00:02 • (MSD) R4194720-5 04/03/25 00:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	39.4	39.9	98.4	99.8	1	80.0-120			1.43	15
Fluoride	8.00	U	8.03	8.15	100	102	1	80.0-120			1.45	15
Nitrate as (N)	8.00	U	7.95	8.06	99.4	101	1	80.0-120			1.32	15
Nitrite as (N)	8.00	U	8.16	8.27	102	103	1	80.0-120			1.39	15
Sulfate	40.0	U	39.1	39.7	97.7	99.2	1	80.0-120			1.54	15

L1842529-54 Original Sample (OS) • Matrix Spike (MS)

(OS) L1842529-54 04/03/25 02:03 • (MS) R4194720-7 04/03/25 02:30

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	U	40.1	100	1	80.0-120	
Fluoride	8.00	U	8.09	101	1	80.0-120	
Nitrate as (N)	8.00	U	8.04	100	1	80.0-120	
Nitrite as (N)	8.00	U	8.25	103	1	80.0-120	
Sulfate	40.0	U	39.6	98.9	1	80.0-120	

Method Blank (MB)

(MB) R4195245-1 04/02/25 19:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1842529-65 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-65 04/02/25 20:55 • (DUP) R4195245-3 04/02/25 21:08

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	0.0962	0.118	1	20.2	J P1	15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1842529-83 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-83 04/03/25 01:38 • (DUP) R4195245-6 04/03/25 01:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4195245-2 04/02/25 20:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.0	100	80.0-120	
Fluoride	8.00	8.02	100	80.0-120	
Nitrate as (N)	8.00	8.21	103	80.0-120	
Nitrite as (N)	8.00	8.43	105	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4195245-2 04/02/25 20:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40.0	40.6	102	80.0-120	

L1842529-65 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-65 04/02/25 20:55 • (MS) R4195245-4 04/02/25 21:22 • (MSD) R4195245-5 04/02/25 21:35

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	39.9	40.0	99.8	100	1	80.0-120			0.172	15
Fluoride	8.00	0.0962	7.99	8.04	98.7	99.3	1	80.0-120			0.625	15
Nitrate as (N)	8.00	U	8.18	8.19	102	102	1	80.0-120			0.126	15
Nitrite as (N)	8.00	U	8.38	8.40	105	105	1	80.0-120			0.344	15
Sulfate	40.0	U	40.5	40.5	101	101	1	80.0-120			0.0163	15

L1842529-83 Original Sample (OS) • Matrix Spike (MS)

(OS) L1842529-83 04/03/25 01:38 • (MS) R4195245-7 04/03/25 02:06

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	U	40.5	101	1	80.0-120	
Fluoride	8.00	U	8.33	104	1	80.0-120	
Nitrate as (N)	8.00	U	8.33	104	1	80.0-120	
Nitrite as (N)	8.00	U	8.61	108	1	80.0-120	
Sulfate	40.0	U	41.5	104	1	80.0-120	

Method Blank (MB)

(MB) R4195931-1 04/05/25 09:53

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1842529-110 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-110 04/05/25 12:57 • (DUP) R4195931-3 04/05/25 13:11

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1842529-121 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-121 04/05/25 15:25 • (DUP) R4195931-6 04/05/25 15:38

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Fluoride	1.73	1.66	1	3.90		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15

L1842529-121 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-121 04/05/25 20:54 • (DUP) R4195931-8 04/05/25 21:06

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	199	206	5	3.53		15
Sulfate	230	238	5	3.14		15

Laboratory Control Sample (LCS)

(LCS) R4195931-2 04/05/25 10:06

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.6	99.1	80.0-120	
Fluoride	8.00	8.27	103	80.0-120	
Nitrate as (N)	8.00	8.14	102	80.0-120	
Nitrite as (N)	8.00	8.35	104	80.0-120	
Sulfate	40.0	39.5	98.7	80.0-120	

L1842529-110 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-110 04/05/25 12:57 • (MS) R4195931-4 04/05/25 13:24 • (MSD) R4195931-5 04/05/25 13:38

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	39.5	39.9	98.7	99.8	1	80.0-120			1.14	15
Fluoride	8.00	U	8.28	8.37	103	105	1	80.0-120			1.12	15
Nitrate as (N)	8.00	U	8.12	8.14	102	102	1	80.0-120			0.275	15
Nitrite as (N)	8.00	U	8.30	8.36	104	104	1	80.0-120			0.654	15
Sulfate	40.0	U	39.4	39.4	98.4	98.4	1	80.0-120			0.0211	15

L1842529-121 Original Sample (OS) • Matrix Spike (MS)

(OS) L1842529-121 04/05/25 15:25 • (MS) R4195931-7 04/05/25 15:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	204	200	0.000	1	80.0-120	E V
Fluoride	8.00	1.73	9.63	98.8	1	80.0-120	
Nitrate as (N)	8.00	U	8.36	105	1	80.0-120	
Nitrite as (N)	8.00	U	8.57	107	1	80.0-120	
Sulfate	40.0	237	225	0.000	1	80.0-120	E V

Method Blank (MB)

(MB) R4195898-1 04/05/25 02:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1842529-125 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-125 04/05/25 03:29 • (DUP) R4195898-3 04/05/25 03:43

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1842529-145 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-145 04/05/25 07:31 • (DUP) R4195898-6 04/05/25 07:44

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4195898-2 04/05/25 02:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.2	98.1	80.0-120	
Fluoride	8.00	7.94	99.2	80.0-120	
Nitrate as (N)	8.00	8.05	101	80.0-120	
Nitrite as (N)	8.00	8.08	101	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4195898-2 04/05/25 02:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40.0	39.4	98.4	80.0-120	

L1842529-125 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-125 04/05/25 03:29 • (MS) R4195898-4 04/05/25 03:56 • (MSD) R4195898-5 04/05/25 04:10

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	39.0	39.5	97.4	98.9	1	80.0-120			1.45	15
Fluoride	8.00	U	7.94	8.07	99.3	101	1	80.0-120			1.64	15
Nitrate as (N)	8.00	U	8.01	8.10	100	101	1	80.0-120			1.14	15
Nitrite as (N)	8.00	U	8.03	8.14	100	102	1	80.0-120			1.44	15
Sulfate	40.0	U	39.2	39.7	98.0	99.3	1	80.0-120			1.38	15

L1842529-145 Original Sample (OS) • Matrix Spike (MS)

(OS) L1842529-145 04/05/25 07:31 • (MS) R4195898-7 04/05/25 07:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	U	38.4	96.1	1	80.0-120	
Fluoride	8.00	U	7.79	97.3	1	80.0-120	
Nitrate as (N)	8.00	U	7.86	98.2	1	80.0-120	
Nitrite as (N)	8.00	U	7.91	98.9	1	80.0-120	
Sulfate	40.0	U	38.8	96.9	1	80.0-120	

Method Blank (MB)

(MB) R4195536-1 04/04/25 11:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1842529-155 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-155 04/04/25 23:35 • (DUP) R4195536-3 04/04/25 23:48

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	296	295	5	0.299		15
Fluoride	1.25	1.18	5	6.27		15
Nitrate as (N)	5.46	5.36	5	1.86		15
Nitrite as (N)	U	U	5	0.000		15

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1842529-155 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-155 04/05/25 00:14 • (DUP) R4195536-5 04/05/25 00:27

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	1680	1640	50	2.23		15

L1842529-173 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-173 04/05/25 07:23 • (DUP) R4195536-6 04/05/25 07:37

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4195536-2 04/04/25 11:51

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.9	99.8	80.0-120	
Fluoride	8.00	8.28	104	80.0-120	
Nitrate as (N)	8.00	8.33	104	80.0-120	
Nitrite as (N)	8.00	8.40	105	80.0-120	
Sulfate	40.0	40.2	100	80.0-120	

L1842529-155 Original Sample (OS) • Matrix Spike (MS)

(OS) L1842529-155 04/04/25 23:35 • (MS) R4195536-4 04/05/25 00:01

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	296	268	0.000	5	80.0-120	V
Fluoride	8.00	1.25	8.10	85.6	5	80.0-120	
Nitrate as (N)	8.00	5.46	11.8	79.9	5	80.0-120	J6
Nitrite as (N)	8.00	U	7.27	90.9	5	80.0-120	
Sulfate	40.0	1750	1390	0.000	5	80.0-120	E V

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1842529-173 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-173 04/05/25 07:23 • (MS) R4195536-7 04/05/25 07:50 • (MSD) R4195536-8 04/05/25 08:03

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	40.4	40.4	101	101	1	80.0-120			0.0205	15
Fluoride	8.00	U	8.31	8.37	104	105	1	80.0-120			0.628	15
Nitrate as (N)	8.00	U	8.34	8.32	104	104	1	80.0-120			0.178	15
Nitrite as (N)	8.00	U	8.51	8.48	106	106	1	80.0-120			0.358	15
Sulfate	40.0	U	40.5	40.2	101	101	1	80.0-120			0.606	15

Method Blank (MB)

(MB) R4195983-1 04/05/25 00:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1842529-175 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-175 04/05/25 01:22 • (DUP) R4195983-3 04/05/25 01:35

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	17.4	21.8	5	22.7	P1	15
Fluoride	2.23	U	5	200	P1	15
Nitrate as (N)	U	U	5	0.000		15
Nitrite as (N)	U	U	5	0.000		15
Sulfate	1400	1410	5	0.374	E	15

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1842529-93 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-93 04/05/25 04:58 • (DUP) R4195983-5 04/05/25 05:11

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	0.0843	0.0881	1	4.41	J	15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1842529-175 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-175 04/05/25 07:26 • (DUP) R4195983-8 04/05/25 07:40

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	1370	1380	50	0.850		15

Laboratory Control Sample (LCS)

(LCS) R4195983-2 04/05/25 01:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.1	100	80.0-120	
Fluoride	8.00	8.28	103	80.0-120	
Nitrate as (N)	8.00	8.29	104	80.0-120	
Nitrite as (N)	8.00	8.57	107	80.0-120	
Sulfate	40.0	40.8	102	80.0-120	

L1842529-175 Original Sample (OS) • Matrix Spike (MS)

(OS) L1842529-175 04/05/25 01:22 • (MS) R4195983-4 04/05/25 01:49

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	17.4	55.1	94.4	5	80.0-120	
Fluoride	8.00	2.23	5.84	45.1	5	80.0-120	J6
Nitrate as (N)	8.00	U	6.33	79.2	5	80.0-120	J6
Nitrite as (N)	8.00	U	7.63	95.3	5	80.0-120	
Sulfate	40.0	1400	1110	0.000	5	80.0-120	E V

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1842529-93 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-93 04/05/25 04:58 • (MS) R4195983-6 04/05/25 05:25 • (MSD) R4195983-7 04/05/25 05:38

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	40.3	40.4	101	101	1	80.0-120			0.422	15
Fluoride	8.00	0.0843	8.15	8.35	101	103	1	80.0-120			2.35	15
Nitrate as (N)	8.00	U	8.29	8.34	104	104	1	80.0-120			0.512	15
Nitrite as (N)	8.00	U	8.51	8.62	106	108	1	80.0-120			1.28	15
Sulfate	40.0	U	41.0	41.4	103	103	1	80.0-120			0.816	15

Method Blank (MB)

(MB) R4195971-1 04/05/25 22:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1844032-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1844032-14 04/06/25 01:27 • (DUP) R4195971-3 04/06/25 01:41

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1844197-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1844197-01 04/06/25 02:21 • (DUP) R4195971-6 04/06/25 02:35

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	32.1	32.3	1	0.645		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	56.6	56.8	1	0.360		15

Laboratory Control Sample (LCS)

(LCS) R4195971-2 04/05/25 22:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.4	98.5	80.0-120	
Fluoride	8.00	7.94	99.2	80.0-120	
Nitrate as (N)	8.00	8.01	100	80.0-120	
Nitrite as (N)	8.00	7.98	99.8	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4195971-2 04/05/25 22:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40.0	39.9	99.8	80.0-120	

L1844032-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1844032-14 04/06/25 01:27 • (MS) R4195971-4 04/06/25 01:54 • (MSD) R4195971-5 04/06/25 02:08

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	38.8	39.7	97.0	99.3	1	80.0-120			2.41	15
Fluoride	8.00	U	8.09	8.13	101	102	1	80.0-120			0.472	15
Nitrate as (N)	8.00	U	7.89	8.10	98.7	101	1	80.0-120			2.55	15
Nitrite as (N)	8.00	U	7.94	8.08	99.3	101	1	80.0-120			1.79	15
Sulfate	40.0	U	39.6	40.3	98.9	101	1	80.0-120			1.91	15

L1844197-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1844197-01 04/06/25 02:21 • (MS) R4195971-7 04/06/25 02:48

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	32.1	64.8	81.9	1	80.0-120	
Fluoride	8.00	U	8.18	102	1	80.0-120	
Nitrate as (N)	8.00	U	7.93	99.1	1	80.0-120	
Nitrite as (N)	8.00	U	8.07	101	1	80.0-120	
Sulfate	40.0	56.6	84.3	69.5	1	80.0-120	J6

Method Blank (MB)

(MB) R4195531-1 04/04/25 20:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron,Dissolved	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4195531-2 04/04/25 20:11

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron,Dissolved	1.00	0.944	94.4	80.0-120	

L1842529-47 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-47 04/04/25 20:13 • (MS) R4195531-4 04/04/25 20:16 • (MSD) R4195531-5 04/04/25 20:18

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron,Dissolved	1.00	0.442	1.40	1.41	95.9	97.1	1	75.0-125			0.872	20

Method Blank (MB)

(MB) R4196836-1 04/08/25 19:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4196836-2 04/08/25 19:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	0.935	93.5	80.0-120	

L1842529-77 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-77 04/08/25 19:46 • (MS) R4196836-4 04/08/25 19:50 • (MSD) R4196836-5 04/08/25 19:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00	1.21	2.12	2.12	90.7	90.9	1	75.0-125			0.0804	20

Method Blank (MB)

(MB) R4197404-1 04/09/25 16:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron,Dissolved	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4197404-2 04/09/25 16:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron,Dissolved	1.00	0.975	97.5	80.0-120	

L1843532-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1843532-09 04/09/25 16:52 • (MS) R4197404-4 04/09/25 16:57 • (MSD) R4197404-5 04/09/25 17:00

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron,Dissolved	1.00	0.283	1.26	1.29	97.5	101	1	75.0-125			2.82	20

Method Blank (MB)

(MB) R4197209-1 04/09/25 09:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4197209-2 04/09/25 09:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	0.940	94.0	80.0-120	

L1842529-116 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-116 04/09/25 09:24 • (MS) R4197209-4 04/09/25 09:27 • (MSD) R4197209-5 04/09/25 09:29

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00	2.37	3.31	3.30	93.4	92.7	1	75.0-125			0.190	20

Method Blank (MB)

(MB) R4197832-1 04/10/25 10:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4197832-2 04/10/25 10:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	1.00	100	80.0-120	

L1842618-33 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842618-33 04/10/25 10:22 • (MS) R4197832-4 04/10/25 10:25 • (MSD) R4197832-5 04/10/25 10:27

Analyte	Spike Amount mg/l	Original Result	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00		0.993	0.998	99.3	99.8	1	75.0-125			0.587	20

Method Blank (MB)

(MB) R4196246-1 04/07/25 17:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000120	0.00200
Iron,Dissolved	U		0.0226	0.100
Manganese,Dissolved	U		0.000700	0.00500
Uranium,Dissolved	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4196246-2 04/07/25 17:40

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0524	105	80.0-120	
Iron,Dissolved	1.00	1.05	105	80.0-120	
Manganese,Dissolved	0.0500	0.0526	105	80.0-120	
Uranium,Dissolved	0.0500	0.0532	106	80.0-120	

L1842529-62 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-62 04/07/25 17:43 • (MS) R4196246-4 04/07/25 17:50 • (MSD) R4196246-5 04/07/25 17:53

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.00519	0.0569	0.0571	103	104	1	75.0-125			0.406	20
Iron,Dissolved	1.00	U	1.02	1.02	102	102	1	75.0-125			0.0390	20
Manganese,Dissolved	0.0500	0.132	0.182	0.180	98.7	94.9	1	75.0-125			1.05	20
Uranium,Dissolved	0.0500	0.0117	0.0648	0.0650	106	107	1	75.0-125			0.287	20

Method Blank (MB)

(MB) R4195016-1 04/04/25 00:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00

L1838677-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1838677-05 04/04/25 01:17 • (DUP) R4195016-6 04/04/25 01:14

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Arsenic	0.0111	0.0112	1	1.17		20
Barium	0.0409	0.0406	1	0.672		20
Chromium	U	U	1	0.000		20
Iron	0.239	0.271	1	12.2		20
Lead	U	U	1	0.000		20
Selenium	0.000281	U	1	200	P1	20
Sodium	401	405	1	0.969		20

Laboratory Control Sample (LCS)

(LCS) R4195016-2 04/04/25 00:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0485	97.1	80.0-120	
Barium	0.0500	0.0464	92.9	80.0-120	
Calcium	5.00	4.87	97.4	80.0-120	
Chromium	0.0500	0.0494	98.9	80.0-120	
Iron	1.00	0.964	96.4	80.0-120	
Lead	0.0500	0.0478	95.7	80.0-120	
Manganese	0.0500	0.0487	97.4	80.0-120	
Potassium	5.00	4.77	95.4	80.0-120	
Selenium	0.0500	0.0483	96.6	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4195016-2 04/04/25 00:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sodium	5.00	4.71	94.2	80.0-120	

L1842529-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-01 04/04/25 00:57 • (MS) R4195016-4 04/04/25 01:04 • (MSD) R4195016-5 04/04/25 01:07

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00970	0.0597	0.0584	100	97.5	1	75.0-125			2.12	20
Barium	0.0500	0.0252	0.0737	0.0720	97.1	93.7	1	75.0-125			2.31	20
Calcium	5.00	661	675	672	274	219	1	75.0-125	V	V	0.407	20
Chromium	0.0500	U	0.0485	0.0478	97.1	95.7	1	75.0-125			1.46	20
Iron	1.00	0.462	1.41	1.38	95.3	91.6	1	75.0-125			2.68	20
Lead	0.0500	U	0.0482	0.0479	96.5	95.8	1	75.0-125			0.700	20
Manganese	0.0500	0.836	0.900	0.891	129	111	1	75.0-125	V		1.00	20
Potassium	5.00	1.23	5.94	5.81	94.2	91.6	1	75.0-125			2.23	20
Selenium	0.0500	0.00331	0.0554	0.0533	104	100	1	75.0-125			3.87	20
Sodium	5.00	910	943	941	662	619	1	75.0-125	V	V	0.227	20

Method Blank (MB)

(MB) R4196901-1 04/08/25 22:06

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00

Laboratory Control Sample (LCS)

(LCS) R4196901-2 04/08/25 22:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0485	97.0	80.0-120	
Barium	0.0500	0.0470	94.1	80.0-120	
Calcium	5.00	5.04	101	80.0-120	
Chromium	0.0500	0.0507	101	80.0-120	
Iron	1.00	1.02	102	80.0-120	
Lead	0.0500	0.0500	100	80.0-120	
Manganese	0.0500	0.0502	100	80.0-120	
Potassium	5.00	4.91	98.2	80.0-120	
Selenium	0.0500	0.0493	98.5	80.0-120	
Sodium	5.00	5.11	102	80.0-120	

L1842529-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-11 04/08/25 22:12 • (MS) R4196901-4 04/08/25 22:19 • (MSD) R4196901-5 04/08/25 22:22

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	U	0.0490	0.0488	98.0	97.6	1	75.0-125			0.419	20
Barium	0.0500	U	0.0479	0.0477	95.9	95.4	1	75.0-125			0.501	20
Calcium	5.00	U	5.15	5.13	103	103	1	75.0-125			0.439	20
Chromium	0.0500	U	0.0501	0.0505	100	101	1	75.0-125			0.803	20
Iron	1.00	U	1.01	1.01	101	101	1	75.0-125			0.486	20
Lead	0.0500	U	0.0503	0.0499	101	99.9	1	75.0-125			0.657	20
Manganese	0.0500	U	0.0496	0.0498	99.2	99.7	1	75.0-125			0.505	20

L1842529-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-11 04/08/25 22:12 • (MS) R4196901-4 04/08/25 22:19 • (MSD) R4196901-5 04/08/25 22:22

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Potassium	5.00	U	4.94	4.90	98.8	98.1	1	75.0-125			0.683	20
Selenium	0.0500	U	0.0472	0.0481	94.3	96.3	1	75.0-125			2.03	20
Sodium	5.00	1.59	5.43	7.85	76.8	125	1	75.0-125		J3	36.4	20

Method Blank (MB)

(MB) R4197360-1 04/09/25 17:02

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4197360-2 04/09/25 17:05

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0495	99.0	80.0-120	
Barium	0.0500	0.0458	91.6	80.0-120	
Calcium	5.00	4.87	97.3	80.0-120	
Chromium	0.0500	0.0492	98.5	80.0-120	
Iron	1.00	0.993	99.3	80.0-120	
Lead	0.0500	0.0480	96.1	80.0-120	
Manganese	0.0500	0.0584	117	80.0-120	
Potassium	5.00	5.04	101	80.0-120	
Selenium	0.0500	0.0479	95.8	80.0-120	
Sodium	5.00	4.94	98.7	80.0-120	
Uranium	0.0500	0.0487	97.4	80.0-120	

L1842529-37 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-37 04/09/25 17:08 • (MS) R4197360-4 04/09/25 17:15 • (MSD) R4197360-5 04/09/25 17:18

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00328	0.0542	0.0535	102	100	1	75.0-125			1.20	20
Barium	0.0500	0.0110	0.0611	0.0621	100	102	1	75.0-125			1.62	20
Calcium	5.00	411	414	418	64.8	130	1	75.0-125	V	V	0.778	20
Chromium	0.0500	U	0.0503	0.0493	101	98.5	1	75.0-125			2.04	20
Iron	1.00	U	1.02	0.989	102	98.9	1	75.0-125			3.04	20

Received by OCD: 6/15/2026 7:23:14 PM

L1842529-37 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-37 04/09/25 17:08 • (MS) R4197360-4 04/09/25 17:15 • (MSD) R4197360-5 04/09/25 17:18

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	U	0.0494	0.0484	98.9	96.9	1	75.0-125			2.04	20
Manganese	0.0500	0.348	0.400	0.397	104	99.7	1	75.0-125			0.573	20
Potassium	5.00	1.32	6.38	6.23	101	98.2	1	75.0-125			2.35	20
Selenium	0.0500	0.000362	0.0518	0.0482	103	95.8	1	75.0-125			7.11	20
Sodium	5.00	207	215	218	157	206	1	75.0-125	V	V	1.13	20
Uranium	0.0500	0.0118	0.0641	0.0639	104	104	1	75.0-125			0.255	20

Released to Imaging: 6/26/2026 3:07:01 PM

Method Blank (MB)

(MB) R4197742-1 04/10/25 12:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000120	0.00200
Iron,Dissolved	U		0.0226	0.100
Manganese,Dissolved	U		0.000700	0.00500
Uranium,Dissolved	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4197742-2 04/10/25 12:07

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0478	95.5	80.0-120	
Iron,Dissolved	1.00	0.990	99.0	80.0-120	
Manganese,Dissolved	0.0500	0.0480	96.0	80.0-120	
Uranium,Dissolved	0.0500	0.0517	103	80.0-120	

L1843532-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1843532-10 04/10/25 12:10 • (MS) R4197742-4 04/10/25 12:16 • (MSD) R4197742-5 04/10/25 12:20

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.00340	0.0514	0.0518	96.0	96.8	1	75.0-125			0.758	20
Iron,Dissolved	1.00	0.0492	1.03	1.04	97.8	98.9	1	75.0-125			1.05	20
Manganese,Dissolved	0.0500	0.00169	0.0493	0.0509	95.1	98.5	1	75.0-125			3.36	20
Uranium,Dissolved	0.0500	0.00415	0.0530	0.0548	97.7	101	1	75.0-125			3.44	20

Method Blank (MB)

(MB) R4196829-1 04/08/25 18:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4196829-2 04/08/25 18:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0501	100	80.0-120	
Barium	0.0500	0.0475	95.0	80.0-120	
Calcium	5.00	5.13	103	80.0-120	
Chromium	0.0500	0.0503	101	80.0-120	
Iron	1.00	1.01	101	80.0-120	
Lead	0.0500	0.0505	101	80.0-120	
Manganese	0.0500	0.0508	102	80.0-120	
Potassium	5.00	5.00	100	80.0-120	
Selenium	0.0500	0.0494	98.8	80.0-120	
Sodium	5.00	4.89	97.8	80.0-120	
Uranium	0.0500	0.0483	96.5	80.0-120	

L1842529-76 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-76 04/08/25 18:54 • (MS) R4196829-4 04/08/25 18:57 • (MSD) R4196829-5 04/08/25 19:00

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00588	0.0571	0.0558	102	99.8	1	75.0-125			2.34	20
Barium	0.0500	0.0157	0.0659	0.0657	101	100	1	75.0-125			0.422	20
Calcium	5.00	213	217	215	86.7	49.6	1	75.0-125		V	0.858	20
Chromium	0.0500	U	0.0501	0.0501	100	100	1	75.0-125			0.0499	20
Iron	1.00	0.0511	1.04	1.06	98.9	101	1	75.0-125			1.94	20

L1842529-76 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-76 04/08/25 18:54 • (MS) R4196829-4 04/08/25 18:57 • (MSD) R4196829-5 04/08/25 19:00

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	0.00142	0.0523	0.0516	102	100	1	75.0-125			1.37	20
Manganese	0.0500	0.223	0.271	0.269	95.7	92.7	1	75.0-125			0.558	20
Potassium	5.00	0.601	5.51	5.52	98.1	98.4	1	75.0-125			0.261	20
Selenium	0.0500	0.00120	0.0525	0.0505	103	98.6	1	75.0-125			3.87	20
Sodium	5.00	236	242	238	129	45.0	1	75.0-125	V	V	1.75	20
Uranium	0.0500	0.0177	0.0691	0.0683	103	101	1	75.0-125			1.19	20

Method Blank (MB)

(MB) R4196975-1 04/09/25 02:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	1.20	J	0.142	2.00

Method Blank (MB)

(MB) R4197439-1 04/09/25 22:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4196975-2 04/09/25 02:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0473	94.6	80.0-120	
Barium	0.0500	0.0452	90.3	80.0-120	
Calcium	5.00	4.99	99.9	80.0-120	
Chromium	0.0500	0.0500	100	80.0-120	
Iron	1.00	1.02	102	80.0-120	
Lead	0.0500	0.0491	98.1	80.0-120	
Manganese	0.0500	0.0499	99.9	80.0-120	
Potassium	5.00	4.76	95.1	80.0-120	
Selenium	0.0500	0.0483	96.5	80.0-120	
Sodium	5.00	5.31	106	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4197439-2 04/09/25 22:16

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Uranium	0.0500	0.0492	98.5	80.0-120	

L1842529-81 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-81 04/09/25 02:24 • (MS) R4196975-4 04/09/25 02:30 • (MSD) R4196975-5 04/09/25 02:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00143	0.0502	0.0512	97.4	99.6	1	75.0-125			2.13	20
Barium	0.0500	0.0173	0.0654	0.0683	96.2	102	1	75.0-125			4.44	20
Calcium	5.00	302	314	318	231	316	1	75.0-125	V	V	1.34	20
Chromium	0.0500	U	0.0501	0.0515	100	103	1	75.0-125			2.67	20
Iron	1.00	U	1.02	1.04	102	104	1	75.0-125			2.21	20
Lead	0.0500	U	0.0499	0.0507	99.8	101	1	75.0-125			1.48	20
Manganese	0.0500	0.235	0.293	0.297	115	123	1	75.0-125			1.45	20
Potassium	5.00	1.63	6.53	6.62	98.0	99.8	1	75.0-125			1.34	20
Selenium	0.0500	0.000398	0.0514	0.0485	102	96.2	1	75.0-125			5.74	20
Sodium	5.00	74.7	82.4	83.5	154	176	1	75.0-125	V	V	1.35	20

L1842529-81 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-81 04/09/25 22:19 • (MS) R4197439-4 04/09/25 22:26 • (MSD) R4197439-5 04/09/25 22:29

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Uranium	0.0500	0.00968	0.0600	0.0598	101	100	1	75.0-125			0.335	20

Method Blank (MB)

(MB) R4197389-1 04/09/25 18:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4197389-2 04/09/25 18:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0477	95.4	80.0-120	
Barium	0.0500	0.0498	99.6	80.0-120	
Calcium	5.00	4.98	99.6	80.0-120	
Chromium	0.0500	0.0484	96.7	80.0-120	
Iron	1.00	0.967	96.7	80.0-120	
Lead	0.0500	0.0483	96.6	80.0-120	
Manganese	0.0500	0.0494	98.9	80.0-120	
Potassium	5.00	5.01	100	80.0-120	
Selenium	0.0500	0.0480	95.9	80.0-120	
Sodium	5.00	5.55	111	80.0-120	
Uranium	0.0500	0.0484	96.9	80.0-120	

L1842529-115 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-115 04/09/25 18:53 • (MS) R4197389-4 04/09/25 18:59 • (MSD) R4197389-5 04/09/25 19:03

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00455	0.0534	0.0529	97.8	96.7	1	75.0-125			1.00	20
Barium	0.0500	0.0153	0.0646	0.0654	98.6	100	1	75.0-125			1.19	20
Chromium	0.0500	0.00157	0.0494	0.0489	95.6	94.6	1	75.0-125			0.989	20
Iron	1.00	0.939	1.88	1.86	93.8	91.8	1	75.0-125			1.07	20
Lead	0.0500	U	0.0489	0.0491	97.9	98.2	1	75.0-125			0.266	20

L1842529-115 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-115 04/09/25 18:53 • (MS) R4197389-4 04/09/25 18:59 • (MSD) R4197389-5 04/09/25 19:03

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Manganese	0.0500	0.120	0.166	0.168	93.0	95.5	1	75.0-125			0.747	20
Potassium	5.00	28.9	33.8	33.4	97.4	88.2	1	75.0-125			1.37	20
Selenium	0.0500	0.00448	0.0554	0.0548	102	101	1	75.0-125			1.12	20
Uranium	0.0500	0.0134	0.0660	0.0649	105	103	1	75.0-125			1.73	20

L1842529-115 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-115 04/09/25 19:35 • (MS) R4197389-7 04/09/25 19:41 • (MSD) R4197389-8 04/09/25 19:44

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Calcium	5.00	751	771	777	404	525	5	75.0-125	V	V	0.787	20
Sodium	5.00	3800	3840	3870	831	1350	5	75.0-125	V	V	0.676	20

Method Blank (MB)

(MB) R4197938-1 04/10/25 15:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4197938-2 04/10/25 15:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0500	100	80.0-120	
Barium	0.0500	0.0485	97.0	80.0-120	
Calcium	5.00	5.00	100	80.0-120	
Chromium	0.0500	0.0522	104	80.0-120	
Iron	1.00	1.03	103	80.0-120	
Lead	0.0500	0.0480	96.0	80.0-120	
Manganese	0.0500	0.0518	104	80.0-120	
Potassium	5.00	5.00	99.9	80.0-120	
Selenium	0.0500	0.0495	98.9	80.0-120	
Sodium	5.00	5.08	102	80.0-120	
Uranium	0.0500	0.0484	96.8	80.0-120	

L1842529-130 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-130 04/10/25 15:07 • (MS) R4197938-4 04/10/25 15:18 • (MSD) R4197938-5 04/10/25 15:21

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.000336	0.0509	0.0516	101	102	1	75.0-125			1.26	20
Barium	0.0500	0.0220	0.0695	0.0706	95.1	97.3	1	75.0-125			1.59	20
Calcium	5.00	223	225	227	50.9	82.1	1	75.0-125	V		0.690	20
Chromium	0.0500	0.00112	0.0505	0.0526	98.7	103	1	75.0-125			4.13	20
Iron	1.00	0.0581	1.05	1.09	99.2	103	1	75.0-125			3.62	20

Received by OCD: 6/15/2026 7:23:14 PM

L1842529-130 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-130 04/10/25 15:07 • (MS) R4197938-4 04/10/25 15:18 • (MSD) R4197938-5 04/10/25 15:21

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	0.00156	0.0504	0.0504	97.7	97.7	1	75.0-125			0.0266	20
Manganese	0.0500	0.00590	0.0558	0.0550	99.7	98.3	1	75.0-125			1.31	20
Potassium	5.00	1.52	6.37	6.60	97.0	101	1	75.0-125			3.44	20
Selenium	0.0500	0.00160	0.0509	0.0553	98.7	107	1	75.0-125			8.18	20
Sodium	5.00	126	129	129	59.1	59.9	1	75.0-125	V	V	0.0322	20
Uranium	0.0500	0.00180	0.0515	0.0522	99.4	101	1	75.0-125			1.33	20

Released to Imaging: 6/26/2026 3:07:01 PM

Method Blank (MB)

(MB) R4197892-1 04/10/25 16:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4197892-2 04/10/25 16:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0502	100	80.0-120	
Barium	0.0500	0.0491	98.3	80.0-120	
Calcium	5.00	4.89	97.8	80.0-120	
Chromium	0.0500	0.0485	97.0	80.0-120	
Iron	1.00	0.944	94.4	80.0-120	
Lead	0.0500	0.0487	97.5	80.0-120	
Manganese	0.0500	0.0490	97.9	80.0-120	
Potassium	5.00	4.96	99.2	80.0-120	
Selenium	0.0500	0.0471	94.2	80.0-120	
Sodium	5.00	5.02	100	80.0-120	
Uranium	0.0500	0.0489	97.9	80.0-120	

L1842529-154 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-154 04/10/25 16:08 • (MS) R4197892-3 04/10/25 16:14 • (MSD) R4197892-4 04/10/25 16:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00507	0.0561	0.0557	102	101	1	75.0-125			0.669	20
Barium	0.0500	0.0752	0.0609	0.0615	0.000	0.000	1	75.0-125	J6	J6	1.03	20
Calcium	5.00	510	510	510	0.000	0.000	1	75.0-125	V	V	0.00767	20
Chromium	0.0500	U	0.0498	0.0500	99.6	100	1	75.0-125			0.440	20
Iron	1.00	0.714	1.14	1.15	42.9	43.6	1	75.0-125	J6	J6	0.603	20

L1842529-154 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-154 04/10/25 16:08 • (MS) R4197892-3 04/10/25 16:14 • (MSD) R4197892-4 04/10/25 16:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	U	0.0493	0.0498	98.5	99.6	1	75.0-125			1.06	20
Manganese	0.0500	0.00781	0.0553	0.0561	94.9	96.6	1	75.0-125			1.48	20
Potassium	5.00	0.370	5.28	5.40	98.2	101	1	75.0-125			2.16	20
Selenium	0.0500	0.00771	0.0588	0.0611	102	107	1	75.0-125			3.85	20
Sodium	5.00	233	241	239	156	126	1	75.0-125	V	V	0.613	20
Uranium	0.0500	0.144	0.194	0.195	99.6	101	1	75.0-125			0.454	20

Method Blank (MB)

(MB) R4198000-1 04/10/25 17:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	0.000542	J	0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4198000-2 04/10/25 17:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0483	96.7	80.0-120	
Barium	0.0500	0.0488	97.6	80.0-120	
Calcium	5.00	4.92	98.4	80.0-120	
Chromium	0.0500	0.0511	102	80.0-120	
Iron	1.00	1.01	101	80.0-120	
Lead	0.0500	0.0484	96.8	80.0-120	
Manganese	0.0500	0.0502	100	80.0-120	
Potassium	5.00	4.95	99.1	80.0-120	
Selenium	0.0500	0.0487	97.4	80.0-120	
Sodium	5.00	5.14	103	80.0-120	
Uranium	0.0500	0.0471	94.2	80.0-120	

L1842529-93 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-93 04/10/25 17:23 • (MS) R4198000-4 04/10/25 17:30 • (MSD) R4198000-5 04/10/25 17:33

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	U	0.0497	0.0494	99.4	98.8	1	75.0-125			0.576	20
Barium	0.0500	U	0.0473	0.0495	94.7	98.9	1	75.0-125			4.35	20
Calcium	5.00	U	5.04	5.03	101	101	1	75.0-125			0.0703	20
Chromium	0.0500	U	0.0505	0.0521	101	104	1	75.0-125			3.09	20
Iron	1.00	U	1.02	1.04	102	104	1	75.0-125			1.89	20

L1842529-93 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842529-93 04/10/25 17:23 • (MS) R4198000-4 04/10/25 17:30 • (MSD) R4198000-5 04/10/25 17:33

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	U	0.0486	0.0493	97.2	98.6	1	75.0-125			1.43	20
Manganese	0.0500	U	0.0503	0.0503	101	101	1	75.0-125			0.0639	20
Potassium	5.00	U	4.97	5.08	99.3	102	1	75.0-125			2.22	20
Selenium	0.0500	U	0.0490	0.0515	98.0	103	1	75.0-125			4.94	20
Sodium	5.00	0.391	5.11	5.18	94.5	95.8	1	75.0-125			1.24	20
Uranium	0.0500	U	0.0468	0.0473	93.5	94.7	1	75.0-125			1.18	20

Method Blank (MB)

(MB) R4196289-2 04/07/25 00:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*85.6*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4196289-1 04/06/25 23:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.55	91.0	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*91.7*	*78.0-120*	

Method Blank (MB)

(MB) R4196229-2 04/07/25 00:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	0.0340	J	0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*97.3*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4196229-1 04/06/25 23:31

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.36	87.2	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*104*	*78.0-120*	

Method Blank (MB)

(MB) R4196324-3 04/07/25 13:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	0.0365	J	0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*95.3*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4196324-1 04/07/25 12:02 • (LCSD) R4196324-2 04/07/25 12:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	6.15	4.74	123	94.8	72.0-127		J3	25.9	20
(S) a,a,a-Trifluorotoluene(FID)				*105*	*103*	*78.0-120*				

Method Blank (MB)

(MB) R4196663-3 04/07/25 23:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4196663-2 04/07/25 22:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.78	95.6	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*107*	*78.0-120*	

Method Blank (MB)

(MB) R4196665-3 04/07/25 23:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4196665-2 04/07/25 22:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.78	95.6	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*107*	*78.0-120*	

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4197010-2 04/08/25 10:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197010-1 04/08/25 09:46 • (LCSD) R4197010-3 04/08/25 11:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	5.01	4.85	100	97.0	72.0-127			3.25	20
(S) a,a,a-Trifluorotoluene(FID)				*102*	*101*	*78.0-120*				

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Method Blank (MB)

(MB) R4197013-3 04/08/25 23:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*99.6*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197013-1 04/08/25 22:30 • (LCSD) R4197013-2 04/08/25 23:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	4.90	4.64	98.0	92.8	72.0-127			5.45	20
(S) a,a,a-Trifluorotoluene(FID)				*108*	*108*	*78.0-120*				

Method Blank (MB)

(MB) R4197340-2 04/08/25 23:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*94.8*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4197340-1 04/08/25 22:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.54	90.8	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*102*	*78.0-120*	

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4197480-2 04/09/25 12:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4197480-1 04/09/25 11:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.44	88.8	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*108*	*78.0-120*	

Released to Imaging: 6/26/2026 3:07:01 PM

Method Blank (MB)

(MB) R4197863-3 04/09/25 23:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197863-1 04/09/25 21:50 • (LCSD) R4197863-2 04/09/25 22:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	4.55	4.55	91.0	91.0	72.0-127			0.000	20
(S) a,a,a-Trifluorotoluene(FID)				*106*	*107*	*78.0-120*				

Method Blank (MB)

(MB) R4197864-3 04/09/25 23:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197864-1 04/09/25 21:50 • (LCSD) R4197864-2 04/09/25 22:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	4.55	4.55	91.0	91.0	72.0-127			0.000	20
(S) a,a,a-Trifluorotoluene(FID)				*106*	*107*	*78.0-120*				

Method Blank (MB)

(MB) R4198199-3 04/10/25 10:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	0.0364	J	0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*93.7*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198199-1 04/10/25 09:07 • (LCSD) R4198199-2 04/10/25 09:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	4.29	4.07	85.8	81.4	72.0-127			5.26	20
(S) a,a,a-Trifluorotoluene(FID)				*98.1*	*96.0*	*78.0-120*				

Method Blank (MB)

(MB) R4198243-3 04/11/25 01:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*99.6*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4198243-2 04/11/25 00:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	5.32	106	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*102*	*78.0-120*	

Method Blank (MB)

(MB) R4199492-3 04/11/25 21:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*87.5*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4199492-1 04/11/25 20:40 • (LCSD) R4199492-2 04/11/25 21:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	4.78	4.92	95.6	98.4	72.0-127			2.89	20
(S) a,a,a-Trifluorotoluene(FID)				*93.6*	*94.5*	*78.0-120*				

Method Blank (MB)

(MB) R4196102-2 04/06/25 11:34

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4196102-2 04/06/25 11:34

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*94.3*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4196102-1 04/06/25 10:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0208	83.2	19.0-160	J
Benzene	0.00500	0.00419	83.8	70.0-123	
Bromodichloromethane	0.00500	0.00401	80.2	75.0-120	
Bromoform	0.00500	0.00388	77.6	68.0-132	
Bromomethane	0.00500	0.00473	94.6	10.0-160	J
n-Butylbenzene	0.00500	0.00420	84.0	73.0-125	
sec-Butylbenzene	0.00500	0.00416	83.2	75.0-125	
Carbon disulfide	0.00500	0.00417	83.4	61.0-128	
Carbon tetrachloride	0.00500	0.00426	85.2	68.0-126	
Chlorobenzene	0.00500	0.00442	88.4	80.0-121	
Chlorodibromomethane	0.00500	0.00422	84.4	77.0-125	
Chloroethane	0.00500	0.00397	79.4	47.0-150	J
Chloroform	0.00500	0.00455	91.0	73.0-120	J
Chloromethane	0.00500	0.00405	81.0	41.0-142	
1,2-Dibromoethane	0.00500	0.00408	81.6	80.0-122	
1,1-Dichloroethane	0.00500	0.00463	92.6	70.0-126	
1,2-Dichloroethane	0.00500	0.00419	83.8	70.0-128	
1,1-Dichloroethene	0.00500	0.00447	89.4	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00436	87.2	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00438	87.6	73.0-120	
1,2-Dichloropropane	0.00500	0.00440	88.0	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00424	84.8	80.0-123	

Laboratory Control Sample (LCS)

(LCS) R4196102-1 04/06/25 10:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00414	82.8	78.0-124	
Ethylbenzene	0.00500	0.00415	83.0	79.0-123	
Isopropylbenzene	0.00500	0.00418	83.6	76.0-127	
p-Isopropyltoluene	0.00500	0.00405	81.0	76.0-125	
2-Butanone (MEK)	0.0250	0.0207	82.8	44.0-160	
2-Hexanone	0.0250	0.0186	74.4	67.0-149	
Methylene Chloride	0.00500	0.00447	89.4	67.0-120	J
4-Methyl-2-pentanone (MIBK)	0.0250	0.0184	73.6	68.0-142	
Methyl tert-butyl ether	0.00500	0.00384	76.8	68.0-125	
Naphthalene	0.00500	0.00330	66.0	54.0-135	J
n-Propylbenzene	0.00500	0.00416	83.2	77.0-124	
Styrene	0.00500	0.00391	78.2	73.0-130	
tert-Butyl alcohol	0.0250	0.0226	90.4	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00424	84.8	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00403	80.6	65.0-130	
Tetrachloroethene	0.00500	0.00468	93.6	72.0-132	
Toluene	0.00500	0.00454	90.8	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00431	86.2	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00420	84.0	80.0-120	
Trichloroethene	0.00500	0.00466	93.2	78.0-124	
1,2,4-Trimethylbenzene	0.00500	0.00410	82.0	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00417	83.4	76.0-122	
Vinyl chloride	0.00500	0.00423	84.6	67.0-131	
o-Xylene	0.00500	0.00422	84.4	80.0-122	
m&p-Xylene	0.0100	0.00896	89.6	80.0-122	
Xylenes, Total	0.0150	0.0132	88.0	79.0-123	
(S) Toluene-d8			*100*	*80.0-120*	
(S) 4-Bromofluorobenzene			*93.3*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*99.3*	*70.0-130*	

Method Blank (MB)

(MB) R4197201-3 04/07/25 11:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4197201-3 04/07/25 11:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197201-1 04/07/25 09:44 • (LCSD) R4197201-2 04/07/25 10:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0201	0.0225	80.4	90.0	19.0-160	J	J	11.3	27
Benzene	0.00500	0.00436	0.00452	87.2	90.4	70.0-123			3.60	20
Bromodichloromethane	0.00500	0.00433	0.00426	86.6	85.2	75.0-120			1.63	20
Bromoform	0.00500	0.00410	0.00446	82.0	89.2	68.0-132			8.41	20
Bromomethane	0.00500	0.00450	0.00481	90.0	96.2	10.0-160	J	J	6.66	25
n-Butylbenzene	0.00500	0.00455	0.00469	91.0	93.8	73.0-125			3.03	20
sec-Butylbenzene	0.00500	0.00440	0.00466	88.0	93.2	75.0-125			5.74	20
Carbon disulfide	0.00500	0.00398	0.00423	79.6	84.6	61.0-128			6.09	20
Carbon tetrachloride	0.00500	0.00449	0.00464	89.8	92.8	68.0-126			3.29	20
Chlorobenzene	0.00500	0.00441	0.00483	88.2	96.6	80.0-121			9.09	20
Chlorodibromomethane	0.00500	0.00419	0.00427	83.8	85.4	77.0-125			1.89	20
Chloroethane	0.00500	0.00417	0.00455	83.4	91.0	47.0-150	J	J	8.72	20
Chloroform	0.00500	0.00466	0.00481	93.2	96.2	73.0-120	J	J	3.17	20
Chloromethane	0.00500	0.00404	0.00441	80.8	88.2	41.0-142			8.76	20
1,2-Dibromoethane	0.00500	0.00418	0.00432	83.6	86.4	80.0-122			3.29	20
1,1-Dichloroethane	0.00500	0.00482	0.00506	96.4	101	70.0-126			4.86	20
1,2-Dichloroethane	0.00500	0.00424	0.00459	84.8	91.8	70.0-128			7.93	20
1,1-Dichloroethene	0.00500	0.00468	0.00498	93.6	99.6	71.0-124			6.21	20
cis-1,2-Dichloroethene	0.00500	0.00462	0.00455	92.4	91.0	73.0-120			1.53	20
trans-1,2-Dichloroethene	0.00500	0.00417	0.00468	83.4	93.6	73.0-120			11.5	20
1,2-Dichloropropane	0.00500	0.00453	0.00478	90.6	95.6	77.0-125			5.37	20
cis-1,3-Dichloropropene	0.00500	0.00436	0.00442	87.2	88.4	80.0-123			1.37	20

Released to Imaging: 6/26/2026 3:07:01 PM

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197201-1 04/07/25 09:44 • (LCSD) R4197201-2 04/07/25 10:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00416	0.00444	83.2	88.8	78.0-124			6.51	20
Ethylbenzene	0.00500	0.00427	0.00470	85.4	94.0	79.0-123			9.59	20
Isopropylbenzene	0.00500	0.00434	0.00469	86.8	93.8	76.0-127			7.75	20
p-Isopropyltoluene	0.00500	0.00431	0.00446	86.2	89.2	76.0-125			3.42	20
2-Butanone (MEK)	0.0250	0.0191	0.0227	76.4	90.8	44.0-160			17.2	20
2-Hexanone	0.0250	0.0180	0.0219	72.0	87.6	67.0-149			19.5	20
Methylene Chloride	0.00500	0.00472	0.00451	94.4	90.2	67.0-120	J	J	4.55	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0198	0.0208	79.2	83.2	68.0-142			4.93	20
Methyl tert-butyl ether	0.00500	0.00409	0.00405	81.8	81.0	68.0-125			0.983	20
Naphthalene	0.00500	0.00356	0.00374	71.2	74.8	54.0-135	J	J	4.93	20
n-Propylbenzene	0.00500	0.00441	0.00469	88.2	93.8	77.0-124			6.15	20
Styrene	0.00500	0.00389	0.00430	77.8	86.0	73.0-130			10.0	20
tert-Butyl alcohol	0.0250	0.0234	0.0217	93.6	86.8	27.0-160			7.54	30
1,1,1,2-Tetrachloroethane	0.00500	0.00435	0.00454	87.0	90.8	75.0-125			4.27	20
1,1,2,2-Tetrachloroethane	0.00500	0.00422	0.00419	84.4	83.8	65.0-130			0.713	20
Tetrachloroethene	0.00500	0.00482	0.00522	96.4	104	72.0-132			7.97	20
Toluene	0.00500	0.00478	0.00508	95.6	102	79.0-120			6.09	20
1,1,1-Trichloroethane	0.00500	0.00447	0.00490	89.4	98.0	73.0-124			9.18	20
1,1,2-Trichloroethane	0.00500	0.00406	0.00444	81.2	88.8	80.0-120			8.94	20
Trichloroethene	0.00500	0.00487	0.00512	97.4	102	78.0-124			5.01	20
1,2,4-Trimethylbenzene	0.00500	0.00432	0.00450	86.4	90.0	76.0-121			4.08	20
1,3,5-Trimethylbenzene	0.00500	0.00434	0.00446	86.8	89.2	76.0-122			2.73	20
Vinyl chloride	0.00500	0.00421	0.00440	84.2	88.0	67.0-131			4.41	20
o-Xylene	0.00500	0.00436	0.00467	87.2	93.4	80.0-122			6.87	20
m&p-Xylene	0.0100	0.00918	0.00976	91.8	97.6	80.0-122			6.12	20
Xylenes, Total	0.0150	0.0135	0.0144	90.0	96.0	79.0-123			6.45	20
(S) Toluene-d8				*99.7*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*91.2*	*92.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*96.8*	*95.3*	*70.0-130*				

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Method Blank (MB)

(MB) R4197324-2 04/07/25 10:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

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Method Blank (MB)

(MB) R4197324-2 04/07/25 10:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*88.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4197324-1 04/07/25 09:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0523	209	19.0-160	J4
Benzene	0.00500	0.00411	82.2	70.0-123	
Bromodichloromethane	0.00500	0.00494	98.8	75.0-120	
Bromoform	0.00500	0.00528	106	68.0-132	
Bromomethane	0.00500	0.00312	62.4	10.0-160	J
n-Butylbenzene	0.00500	0.00539	108	73.0-125	
sec-Butylbenzene	0.00500	0.00562	112	75.0-125	
Carbon disulfide	0.00500	0.00351	70.2	61.0-128	
Carbon tetrachloride	0.00500	0.00475	95.0	68.0-126	
Chlorobenzene	0.00500	0.00502	100	80.0-121	
Chlorodibromomethane	0.00500	0.00452	90.4	77.0-125	
Chloroethane	0.00500	0.00380	76.0	47.0-150	J
Chloroform	0.00500	0.00428	85.6	73.0-120	J
Chloromethane	0.00500	0.00268	53.6	41.0-142	
1,2-Dibromoethane	0.00500	0.00519	104	80.0-122	
1,1-Dichloroethane	0.00500	0.00482	96.4	70.0-126	
1,2-Dichloroethane	0.00500	0.00467	93.4	70.0-128	
1,1-Dichloroethene	0.00500	0.00432	86.4	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00433	86.6	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00441	88.2	73.0-120	
1,2-Dichloropropane	0.00500	0.00479	95.8	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00486	97.2	80.0-123	

Laboratory Control Sample (LCS)

(LCS) R4197324-1 04/07/25 09:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00511	102	78.0-124	
Ethylbenzene	0.00500	0.00478	95.6	79.0-123	
Isopropylbenzene	0.00500	0.00475	95.0	76.0-127	
p-Isopropyltoluene	0.00500	0.00539	108	76.0-125	
2-Butanone (MEK)	0.0250	0.0341	136	44.0-160	
2-Hexanone	0.0250	0.0278	111	67.0-149	
Methylene Chloride	0.00500	0.00441	88.2	67.0-120	J
4-Methyl-2-pentanone (MIBK)	0.0250	0.0360	144	68.0-142	J4
Methyl tert-butyl ether	0.00500	0.00499	99.8	68.0-125	
Naphthalene	0.00500	0.00499	99.8	54.0-135	J
n-Propylbenzene	0.00500	0.00529	106	77.0-124	
Styrene	0.00500	0.00481	96.2	73.0-130	
tert-Butyl alcohol	0.0250	0.0276	110	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00489	97.8	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00576	115	65.0-130	
Tetrachloroethene	0.00500	0.00466	93.2	72.0-132	
Toluene	0.00500	0.00470	94.0	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00497	99.4	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00526	105	80.0-120	
Trichloroethene	0.00500	0.00430	86.0	78.0-124	
1,2,4-Trimethylbenzene	0.00500	0.00561	112	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00510	102	76.0-122	
Vinyl chloride	0.00500	0.00374	74.8	67.0-131	
o-Xylene	0.00500	0.00478	95.6	80.0-122	
m&p-Xylene	0.0100	0.00967	96.7	80.0-122	
Xylenes, Total	0.0150	0.0144	96.0	79.0-123	
(S) Toluene-d8			*104*	*80.0-120*	
(S) 4-Bromofluorobenzene			*89.8*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*110*	*70.0-130*	

Method Blank (MB)

(MB) R4197178-2 04/08/25 10:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	0.000176	J	0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4197178-2 04/08/25 10:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*90.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197178-1 04/08/25 09:02 • (LCSD) R4197178-3 04/08/25 10:28

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0153	0.0178	61.2	71.2	19.0-160	J	J	15.1	27
Benzene	0.00500	0.00434	0.00490	86.8	98.0	70.0-123			12.1	20
Bromodichloromethane	0.00500	0.00422	0.00486	84.4	97.2	75.0-120			14.1	20
Bromoform	0.00500	0.00409	0.00455	81.8	91.0	68.0-132			10.6	20
Bromomethane	0.00500	0.00419	0.00594	83.8	119	10.0-160	J	J3	34.6	25
n-Butylbenzene	0.00500	0.00462	0.00563	92.4	113	73.0-125			19.7	20
sec-Butylbenzene	0.00500	0.00509	0.00597	102	119	75.0-125			15.9	20
Carbon disulfide	0.00500	0.00437	0.00465	87.4	93.0	61.0-128			6.21	20
Carbon tetrachloride	0.00500	0.00450	0.00470	90.0	94.0	68.0-126			4.35	20
Chlorobenzene	0.00500	0.00490	0.00574	98.0	115	80.0-121			15.8	20
Chlorodibromomethane	0.00500	0.00427	0.00463	85.4	92.6	77.0-125			8.09	20
Chloroethane	0.00500	0.00474	0.00508	94.8	102	47.0-150	J		6.92	20
Chloroform	0.00500	0.00422	0.00489	84.4	97.8	73.0-120	J	J	14.7	20
Chloromethane	0.00500	0.00490	0.00545	98.0	109	41.0-142			10.6	20
1,2-Dibromoethane	0.00500	0.00482	0.00538	96.4	108	80.0-122			11.0	20
1,1-Dichloroethane	0.00500	0.00426	0.00487	85.2	97.4	70.0-126			13.4	20
1,2-Dichloroethane	0.00500	0.00456	0.00493	91.2	98.6	70.0-128			7.80	20
1,1-Dichloroethene	0.00500	0.00430	0.00480	86.0	96.0	71.0-124			11.0	20
cis-1,2-Dichloroethene	0.00500	0.00421	0.00479	84.2	95.8	73.0-120			12.9	20
trans-1,2-Dichloroethene	0.00500	0.00441	0.00517	88.2	103	73.0-120			15.9	20
1,2-Dichloropropane	0.00500	0.00465	0.00539	93.0	108	77.0-125			14.7	20
cis-1,3-Dichloropropene	0.00500	0.00429	0.00458	85.8	91.6	80.0-123			6.54	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197178-1 04/08/25 09:02 • (LCSD) R4197178-3 04/08/25 10:28

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00459	0.00501	91.8	100	78.0-124			8.75	20
Ethylbenzene	0.00500	0.00471	0.00569	94.2	114	79.0-123			18.8	20
Isopropylbenzene	0.00500	0.00438	0.00527	87.6	105	76.0-127			18.4	20
p-Isopropyltoluene	0.00500	0.00477	0.00568	95.4	114	76.0-125			17.4	20
2-Butanone (MEK)	0.0250	0.0209	0.0237	83.6	94.8	44.0-160			12.6	20
2-Hexanone	0.0250	0.0266	0.0301	106	120	67.0-149			12.3	20
Methylene Chloride	0.00500	0.00440	0.00463	88.0	92.6	67.0-120	J	J	5.09	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0250	0.0289	100	116	68.0-142			14.5	20
Methyl tert-butyl ether	0.00500	0.00461	0.00521	92.2	104	68.0-125			12.2	20
Naphthalene	0.00500	0.00497	0.00514	99.4	103	54.0-135	J		3.36	20
n-Propylbenzene	0.00500	0.00508	0.00590	102	118	77.0-124			14.9	20
Styrene	0.00500	0.00447	0.00519	89.4	104	73.0-130			14.9	20
tert-Butyl alcohol	0.0250	0.0224	0.0231	89.6	92.4	27.0-160			3.08	30
1,1,1,2-Tetrachloroethane	0.00500	0.00436	0.00524	87.2	105	75.0-125			18.3	20
1,1,2,2-Tetrachloroethane	0.00500	0.00530	0.00606	106	121	65.0-130			13.4	20
Tetrachloroethene	0.00500	0.00467	0.00535	93.4	107	72.0-132			13.6	20
Toluene	0.00500	0.00492	0.00554	98.4	111	79.0-120			11.9	20
1,1,1-Trichloroethane	0.00500	0.00470	0.00532	94.0	106	73.0-124			12.4	20
1,1,2-Trichloroethane	0.00500	0.00512	0.00580	102	116	80.0-120			12.5	20
Trichloroethene	0.00500	0.00438	0.00509	87.6	102	78.0-124			15.0	20
1,2,4-Trimethylbenzene	0.00500	0.00489	0.00566	97.8	113	76.0-121			14.6	20
1,3,5-Trimethylbenzene	0.00500	0.00512	0.00586	102	117	76.0-122			13.5	20
Vinyl chloride	0.00500	0.00439	0.00513	87.8	103	67.0-131			15.5	20
o-Xylene	0.00500	0.00424	0.00494	84.8	98.8	80.0-122			15.3	20
m&p-Xylene	0.0100	0.00951	0.0109	95.1	109	80.0-122			13.6	20
Xylenes, Total	0.0150	0.0138	0.0158	92.0	105	79.0-123			13.5	20
(S) Toluene-d8				*104*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*92.7*	*94.3*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*98.2*	*97.6*	*70.0-130*				

L1842012-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842012-01 04/08/25 15:36 • (MS) R4197178-4 04/08/25 20:56 • (MSD) R4197178-5 04/08/25 21:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	U	0.0145	0.0152	58.0	60.8	1	10.0-160	J	J	4.71	35
Benzene	0.00500	0.000117	0.00412	0.00383	80.1	74.3	1	17.0-158			7.30	27
Bromodichloromethane	0.00500	U	0.00432	0.00424	86.4	84.8	1	31.0-150			1.87	27
Bromoform	0.00500	U	0.00319	0.00365	63.8	73.0	1	29.0-150			13.5	29

L1842012-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842012-01 04/08/25 15:36 • (MS) R4197178-4 04/08/25 20:56 • (MSD) R4197178-5 04/08/25 21:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Bromomethane	0.00500	U	0.00252	0.00308	50.4	61.6	1	10.0-160	J	J	20.0	38
n-Butylbenzene	0.00500	U	0.00440	0.00454	88.0	90.8	1	31.0-150			3.13	30
sec-Butylbenzene	0.00500	U	0.00514	0.00527	103	105	1	33.0-155			2.50	29
Carbon disulfide	0.00500	U	0.00317	0.00223	63.4	44.6	1	10.0-156		J3	34.8	28
Carbon tetrachloride	0.00500	U	0.00405	0.00419	81.0	83.8	1	23.0-159			3.40	28
Chlorobenzene	0.00500	U	0.00473	0.00498	94.6	99.6	1	33.0-152			5.15	27
Chlorodibromomethane	0.00500	U	0.00408	0.00420	81.6	84.0	1	37.0-149			2.90	27
Chloroethane	0.00500	U	0.00371	0.00458	74.2	91.6	1	10.0-160	J	J	21.0	30
Chloroform	0.00500	U	0.00431	0.00412	86.2	82.4	1	29.0-154	J	J	4.51	28
Chloromethane	0.00500	U	U	U	0.000	0.000	1	10.0-160	J6	J6	0.000	29
1,2-Dibromoethane	0.00500	U	0.00471	0.00470	94.2	94.0	1	34.0-147			0.213	27
1,1-Dichloroethane	0.00500	U	0.00417	0.00423	83.4	84.6	1	25.0-158			1.43	27
1,2-Dichloroethane	0.00500	U	0.00436	0.00406	87.2	81.2	1	29.0-151			7.13	27
1,1-Dichloroethene	0.00500	U	0.00378	0.00353	75.6	70.6	1	11.0-160			6.84	29
cis-1,2-Dichloroethene	0.00500	0.000210	0.00427	0.00410	81.2	77.8	1	10.0-160			4.06	27
trans-1,2-Dichloroethene	0.00500	U	0.00364	0.00352	72.8	70.4	1	17.0-153			3.35	27
1,2-Dichloropropane	0.00500	U	0.00455	0.00457	91.0	91.4	1	30.0-156			0.439	27
cis-1,3-Dichloropropene	0.00500	U	0.00403	0.00376	80.6	75.2	1	34.0-149			6.93	28
trans-1,3-Dichloropropene	0.00500	U	0.00449	0.00454	89.8	90.8	1	32.0-149			1.11	28
Ethylbenzene	0.00500	U	0.00468	0.00485	93.6	97.0	1	30.0-155			3.57	27
Isopropylbenzene	0.00500	U	0.00459	0.00481	91.8	96.2	1	28.0-157			4.68	27
p-Isopropyltoluene	0.00500	U	0.00484	0.00491	96.8	98.2	1	30.0-154			1.44	29
2-Butanone (MEK)	0.0250	0.00159	0.0165	0.0169	59.6	61.2	1	10.0-160			2.40	32
2-Hexanone	0.0250	U	0.0258	0.0272	103	109	1	21.0-160			5.28	29
Methylene Chloride	0.00500	U	0.00377	0.00335	75.4	67.0	1	23.0-144	J	J	11.8	28
4-Methyl-2-pentanone (MIBK)	0.0250	U	0.0234	0.0248	93.6	99.2	1	29.0-160			5.81	29
Methyl tert-butyl ether	0.00500	0.00644	0.0112	0.0102	95.2	75.2	1	28.0-150			9.35	29
Naphthalene	0.00500	U	0.00376	0.00440	75.2	88.0	1	12.0-156	J	J	15.7	35
n-Propylbenzene	0.00500	U	0.00504	0.00514	101	103	1	31.0-154			1.96	28
Styrene	0.00500	U	0.00449	0.00466	89.8	93.2	1	33.0-155			3.72	28
tert-Butyl alcohol	0.0250	0.00558	0.0151	0.0169	38.1	45.3	1	50.0-150	J6	J6	11.2	20
1,1,1,2-Tetrachloroethane	0.00500	U	0.00425	0.00448	85.0	89.6	1	36.0-151			5.27	29
1,1,2,2-Tetrachloroethane	0.00500	U	0.00546	0.00558	109	112	1	33.0-150			2.17	28
Tetrachloroethene	0.00500	U	0.00467	0.00456	93.4	91.2	1	10.0-160			2.38	27
Toluene	0.00500	U	0.00459	0.00462	91.8	92.4	1	26.0-154			0.651	28
1,1,1-Trichloroethane	0.00500	U	0.00447	0.00445	89.4	89.0	1	23.0-160			0.448	28
1,1,2-Trichloroethane	0.00500	U	0.00496	0.00512	99.2	102	1	35.0-147			3.17	27
Trichloroethene	0.00500	U	0.00425	0.00413	85.0	82.6	1	10.0-160			2.86	25
1,2,4-Trimethylbenzene	0.00500	U	0.00474	0.00487	94.8	97.4	1	26.0-154			2.71	27
1,3,5-Trimethylbenzene	0.00500	U	0.00500	0.00502	100	100	1	28.0-153			0.399	27

L1842012-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842012-01 04/08/25 15:36 • (MS) R4197178-4 04/08/25 20:56 • (MSD) R4197178-5 04/08/25 21:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Vinyl chloride	0.00500	U	0.00288	0.00268	57.6	53.6	1	10.0-160			7.19	27
o-Xylene	0.00500	U	0.00444	0.00473	88.8	94.6	1	45.0-144			6.32	26
m&p-Xylene	0.0100	U	0.00958	0.00967	95.8	96.7	1	43.0-146			0.935	26
Xylenes, Total	0.0150	U	0.0140	0.0144	93.3	96.0	1	29.0-154			2.82	28
(S) Toluene-d8					*102*	*107*		*80.0-120*				
(S) 4-Bromofluorobenzene					*92.4*	*96.5*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*94.1*	*98.4*		*70.0-130*				

Method Blank (MB)

(MB) R4197309-3 04/09/25 10:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4197309-3 04/09/25 10:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.0*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197309-1 04/09/25 09:24 • (LCSD) R4197309-2 04/09/25 09:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0206	0.0221	82.4	88.4	19.0-160	J	J	7.03	27
Benzene	0.00500	0.00428	0.00467	85.6	93.4	70.0-123			8.72	20
Bromodichloromethane	0.00500	0.00422	0.00432	84.4	86.4	75.0-120			2.34	20
Bromoform	0.00500	0.00430	0.00429	86.0	85.8	68.0-132			0.233	20
Bromomethane	0.00500	0.00638	0.00721	128	144	10.0-160			12.2	25
n-Butylbenzene	0.00500	0.00453	0.00468	90.6	93.6	73.0-125			3.26	20
sec-Butylbenzene	0.00500	0.00447	0.00458	89.4	91.6	75.0-125			2.43	20
Carbon disulfide	0.00500	0.00424	0.00474	84.8	94.8	61.0-128			11.1	20
Carbon tetrachloride	0.00500	0.00462	0.00489	92.4	97.8	68.0-126			5.68	20
Chlorobenzene	0.00500	0.00464	0.00467	92.8	93.4	80.0-121			0.644	20
Chlorodibromomethane	0.00500	0.00442	0.00456	88.4	91.2	77.0-125			3.12	20
Chloroethane	0.00500	0.00456	0.00492	91.2	98.4	47.0-150	J	J	7.59	20
Chloroform	0.00500	0.00471	0.00512	94.2	102	73.0-120	J		8.34	20
Chloromethane	0.00500	0.00482	0.00541	96.4	108	41.0-142			11.5	20
1,2-Dibromoethane	0.00500	0.00433	0.00429	86.6	85.8	80.0-122			0.928	20
1,1-Dichloroethane	0.00500	0.00462	0.00507	92.4	101	70.0-126			9.29	20
1,2-Dichloroethane	0.00500	0.00432	0.00427	86.4	85.4	70.0-128			1.16	20
1,1-Dichloroethene	0.00500	0.00476	0.00515	95.2	103	71.0-124			7.87	20
cis-1,2-Dichloroethene	0.00500	0.00455	0.00484	91.0	96.8	73.0-120			6.18	20
trans-1,2-Dichloroethene	0.00500	0.00453	0.00469	90.6	93.8	73.0-120			3.47	20
1,2-Dichloropropane	0.00500	0.00449	0.00490	89.8	98.0	77.0-125			8.73	20
cis-1,3-Dichloropropene	0.00500	0.00432	0.00462	86.4	92.4	80.0-123			6.71	20

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Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197309-1 04/09/25 09:24 • (LCSD) R4197309-2 04/09/25 09:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00457	0.00458	91.4	91.6	78.0-124			0.219	20
Ethylbenzene	0.00500	0.00451	0.00459	90.2	91.8	79.0-123			1.76	20
Isopropylbenzene	0.00500	0.00440	0.00462	88.0	92.4	76.0-127			4.88	20
p-Isopropyltoluene	0.00500	0.00437	0.00452	87.4	90.4	76.0-125			3.37	20
2-Butanone (MEK)	0.0250	0.0211	0.0232	84.4	92.8	44.0-160			9.48	20
2-Hexanone	0.0250	0.0198	0.0198	79.2	79.2	67.0-149			0.000	20
Methylene Chloride	0.00500	0.00474	0.00485	94.8	97.0	67.0-120	J	J	2.29	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0194	0.0193	77.6	77.2	68.0-142			0.517	20
Methyl tert-butyl ether	0.00500	0.00400	0.00404	80.0	80.8	68.0-125			0.995	20
Naphthalene	0.00500	0.00311	0.00332	62.2	66.4	54.0-135	J	J	6.53	20
n-Propylbenzene	0.00500	0.00456	0.00477	91.2	95.4	77.0-124			4.50	20
Styrene	0.00500	0.00418	0.00423	83.6	84.6	73.0-130			1.19	20
tert-Butyl alcohol	0.0250	0.0166	0.0208	66.4	83.2	27.0-160			22.5	30
1,1,1,2-Tetrachloroethane	0.00500	0.00456	0.00466	91.2	93.2	75.0-125			2.17	20
1,1,2,2-Tetrachloroethane	0.00500	0.00432	0.00447	86.4	89.4	65.0-130			3.41	20
Tetrachloroethene	0.00500	0.00498	0.00516	99.6	103	72.0-132			3.55	20
Toluene	0.00500	0.00490	0.00503	98.0	101	79.0-120			2.62	20
1,1,1-Trichloroethane	0.00500	0.00442	0.00491	88.4	98.2	73.0-124			10.5	20
1,1,2-Trichloroethane	0.00500	0.00453	0.00446	90.6	89.2	80.0-120			1.56	20
Trichloroethene	0.00500	0.00473	0.00514	94.6	103	78.0-124			8.31	20
1,2,4-Trimethylbenzene	0.00500	0.00443	0.00448	88.6	89.6	76.0-121			1.12	20
1,3,5-Trimethylbenzene	0.00500	0.00429	0.00460	85.8	92.0	76.0-122			6.97	20
Vinyl chloride	0.00500	0.00495	0.00544	99.0	109	67.0-131			9.43	20
o-Xylene	0.00500	0.00460	0.00473	92.0	94.6	80.0-122			2.79	20
m&p-Xylene	0.0100	0.00944	0.00971	94.4	97.1	80.0-122			2.82	20
Xylenes, Total	0.0150	0.0140	0.0144	93.3	96.0	79.0-123			2.82	20
(S) Toluene-d8				*101*	*99.5*	*80.0-120*				
(S) 4-Bromofluorobenzene				*94.1*	*93.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*94.3*	*94.7*	*70.0-130*				

Released to Imaging: 6/26/2026 3:07:01 PM

Method Blank (MB)

(MB) R4197908-4 04/09/25 10:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	0.00186	J	0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4197908-4 04/09/25 10:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197908-1 04/09/25 09:01 • (LCSD) R4197908-5 04/09/25 11:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0256	0.0216	102	86.4	19.0-160	J	J	16.9	27
Benzene	0.00500	0.00483	0.00474	96.6	94.8	70.0-123			1.88	20
Bromodichloromethane	0.00500	0.00471	0.00474	94.2	94.8	75.0-120			0.635	20
Bromoform	0.00500	0.00485	0.00460	97.0	92.0	68.0-132			5.29	20
Bromomethane	0.00500	0.00367	0.00382	73.4	76.4	10.0-160	J	J	4.01	25
n-Butylbenzene	0.00500	0.00449	0.00448	89.8	89.6	73.0-125			0.223	20
sec-Butylbenzene	0.00500	0.00466	0.00504	93.2	101	75.0-125			7.84	20
Carbon disulfide	0.00500	0.00382	0.00399	76.4	79.8	61.0-128			4.35	20
Carbon tetrachloride	0.00500	0.00425	0.00456	85.0	91.2	68.0-126			7.04	20
Chlorobenzene	0.00500	0.00489	0.00499	97.8	99.8	80.0-121			2.02	20
Chlorodibromomethane	0.00500	0.00463	0.00453	92.6	90.6	77.0-125			2.18	20
Chloroethane	0.00500	0.00457	0.00503	91.4	101	47.0-150	J		9.58	20
Chloroform	0.00500	0.00483	0.00478	96.6	95.6	73.0-120	J	J	1.04	20
Chloromethane	0.00500	0.00402	0.00411	80.4	82.2	41.0-142			2.21	20
1,2-Dibromoethane	0.00500	0.00503	0.00482	101	96.4	80.0-122			4.26	20
1,1-Dichloroethane	0.00500	0.00490	0.00484	98.0	96.8	70.0-126			1.23	20
1,2-Dichloroethane	0.00500	0.00492	0.00482	98.4	96.4	70.0-128			2.05	20
1,1-Dichloroethene	0.00500	0.00459	0.00462	91.8	92.4	71.0-124			0.651	20
cis-1,2-Dichloroethene	0.00500	0.00503	0.00496	101	99.2	73.0-120			1.40	20
trans-1,2-Dichloroethene	0.00500	0.00458	0.00468	91.6	93.6	73.0-120			2.16	20
1,2-Dichloropropane	0.00500	0.00460	0.00444	92.0	88.8	77.0-125			3.54	20
cis-1,3-Dichloropropene	0.00500	0.00440	0.00421	88.0	84.2	80.0-123			4.41	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197908-1 04/09/25 09:01 • (LCSD) R4197908-5 04/09/25 11:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00456	0.00417	91.2	83.4	78.0-124			8.93	20
Ethylbenzene	0.00500	0.00487	0.00478	97.4	95.6	79.0-123			1.87	20
Isopropylbenzene	0.00500	0.00478	0.00487	95.6	97.4	76.0-127			1.87	20
p-Isopropyltoluene	0.00500	0.00459	0.00473	91.8	94.6	76.0-125			3.00	20
2-Butanone (MEK)	0.0250	0.0250	0.0223	100	89.2	44.0-160			11.4	20
2-Hexanone	0.0250	0.0271	0.0238	108	95.2	67.0-149			13.0	20
Methylene Chloride	0.00500	0.00503	0.00485	101	97.0	67.0-120		J	3.64	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0283	0.0247	113	98.8	68.0-142			13.6	20
Methyl tert-butyl ether	0.00500	0.00516	0.00499	103	99.8	68.0-125			3.35	20
Naphthalene	0.00500	0.00546	0.00514	109	103	54.0-135			6.04	20
n-Propylbenzene	0.00500	0.00445	0.00481	89.0	96.2	77.0-124			7.78	20
Styrene	0.00500	0.00447	0.00451	89.4	90.2	73.0-130			0.891	20
tert-Butyl alcohol	0.0250	0.0301	0.0247	120	98.8	27.0-160			19.7	30
1,1,1,2-Tetrachloroethane	0.00500	0.00471	0.00493	94.2	98.6	75.0-125			4.56	20
1,1,2,2-Tetrachloroethane	0.00500	0.00544	0.00535	109	107	65.0-130			1.67	20
Tetrachloroethene	0.00500	0.00475	0.00468	95.0	93.6	72.0-132			1.48	20
Toluene	0.00500	0.00489	0.00489	97.8	97.8	79.0-120			0.000	20
1,1,1-Trichloroethane	0.00500	0.00443	0.00473	88.6	94.6	73.0-124			6.55	20
1,1,2-Trichloroethane	0.00500	0.00512	0.00509	102	102	80.0-120			0.588	20
Trichloroethene	0.00500	0.00477	0.00484	95.4	96.8	78.0-124			1.46	20
1,2,4-Trimethylbenzene	0.00500	0.00462	0.00472	92.4	94.4	76.0-121			2.14	20
1,3,5-Trimethylbenzene	0.00500	0.00454	0.00474	90.8	94.8	76.0-122			4.31	20
Vinyl chloride	0.00500	0.00417	0.00411	83.4	82.2	67.0-131			1.45	20
o-Xylene	0.00500	0.00482	0.00496	96.4	99.2	80.0-122			2.86	20
m&p-Xylene	0.0100	0.00949	0.00981	94.9	98.1	80.0-122			3.32	20
Xylenes, Total	0.0150	0.0143	0.0148	95.3	98.7	79.0-123			3.44	20
(S) Toluene-d8				*102*	*102*	*80.0-120*				
(S) 4-Bromofluorobenzene				*103*	*101*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*101*	*99.8*	*70.0-130*				

Method Blank (MB)

(MB) R4197909-5 04/09/25 22:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	0.00175	J	0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4197909-5 04/09/25 22:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*97.4*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197909-1 04/09/25 21:04 • (LCSD) R4197909-2 04/09/25 21:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0249	0.0266	99.6	106	19.0-160	J	J	6.60	27
Benzene	0.00500	0.00511	0.00508	102	102	70.0-123			0.589	20
Bromodichloromethane	0.00500	0.00508	0.00487	102	97.4	75.0-120			4.22	20
Bromoform	0.00500	0.00493	0.00504	98.6	101	68.0-132			2.21	20
Bromomethane	0.00500	0.00379	0.00379	75.8	75.8	10.0-160	J	J	0.000	25
n-Butylbenzene	0.00500	0.00474	0.00492	94.8	98.4	73.0-125			3.73	20
sec-Butylbenzene	0.00500	0.00495	0.00510	99.0	102	75.0-125			2.99	20
Carbon disulfide	0.00500	0.00494	0.00501	98.8	100	61.0-128			1.41	20
Carbon tetrachloride	0.00500	0.00479	0.00459	95.8	91.8	68.0-126			4.26	20
Chlorobenzene	0.00500	0.00535	0.00539	107	108	80.0-121			0.745	20
Chlorodibromomethane	0.00500	0.00467	0.00488	93.4	97.6	77.0-125			4.40	20
Chloroethane	0.00500	0.00495	0.00511	99.0	102	47.0-150	J		3.18	20
Chloroform	0.00500	0.00503	0.00501	101	100	73.0-120			0.398	20
Chloromethane	0.00500	0.00473	0.00471	94.6	94.2	41.0-142			0.424	20
1,2-Dibromoethane	0.00500	0.00534	0.00527	107	105	80.0-122			1.32	20
1,1-Dichloroethane	0.00500	0.00514	0.00535	103	107	70.0-126			4.00	20
1,2-Dichloroethane	0.00500	0.00496	0.00509	99.2	102	70.0-128			2.59	20
1,1-Dichloroethene	0.00500	0.00506	0.00504	101	101	71.0-124			0.396	20
cis-1,2-Dichloroethene	0.00500	0.00516	0.00532	103	106	73.0-120			3.05	20
trans-1,2-Dichloroethene	0.00500	0.00503	0.00517	101	103	73.0-120			2.75	20
1,2-Dichloropropane	0.00500	0.00480	0.00487	96.0	97.4	77.0-125			1.45	20
cis-1,3-Dichloropropene	0.00500	0.00473	0.00459	94.6	91.8	80.0-123			3.00	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197909-1 04/09/25 21:04 • (LCSD) R4197909-2 04/09/25 21:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00462	0.00464	92.4	92.8	78.0-124			0.432	20
Ethylbenzene	0.00500	0.00534	0.00521	107	104	79.0-123			2.46	20
Isopropylbenzene	0.00500	0.00503	0.00503	101	101	76.0-127			0.000	20
p-Isopropyltoluene	0.00500	0.00488	0.00488	97.6	97.6	76.0-125			0.000	20
2-Butanone (MEK)	0.0250	0.0250	0.0258	100	103	44.0-160			3.15	20
2-Hexanone	0.0250	0.0268	0.0272	107	109	67.0-149			1.48	20
Methylene Chloride	0.00500	0.00508	0.00492	102	98.4	67.0-120		J	3.20	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0285	0.0298	114	119	68.0-142			4.46	20
Methyl tert-butyl ether	0.00500	0.00535	0.00539	107	108	68.0-125			0.745	20
Naphthalene	0.00500	0.00548	0.00556	110	111	54.0-135			1.45	20
n-Propylbenzene	0.00500	0.00496	0.00498	99.2	99.6	77.0-124			0.402	20
Styrene	0.00500	0.00475	0.00451	95.0	90.2	73.0-130			5.18	20
tert-Butyl alcohol	0.0250	0.0260	0.0288	104	115	27.0-160			10.2	30
1,1,1,2-Tetrachloroethane	0.00500	0.00496	0.00501	99.2	100	75.0-125			1.00	20
1,1,2,2-Tetrachloroethane	0.00500	0.00584	0.00581	117	116	65.0-130			0.515	20
Tetrachloroethene	0.00500	0.00500	0.00505	100	101	72.0-132			0.995	20
Toluene	0.00500	0.00518	0.00524	104	105	79.0-120			1.15	20
1,1,1-Trichloroethane	0.00500	0.00483	0.00484	96.6	96.8	73.0-124			0.207	20
1,1,2-Trichloroethane	0.00500	0.00561	0.00566	112	113	80.0-120			0.887	20
Trichloroethene	0.00500	0.00524	0.00501	105	100	78.0-124			4.49	20
1,2,4-Trimethylbenzene	0.00500	0.00494	0.00492	98.8	98.4	76.0-121			0.406	20
1,3,5-Trimethylbenzene	0.00500	0.00508	0.00518	102	104	76.0-122			1.95	20
Vinyl chloride	0.00500	0.00473	0.00484	94.6	96.8	67.0-131			2.30	20
o-Xylene	0.00500	0.00527	0.00524	105	105	80.0-122			0.571	20
m&p-Xylene	0.0100	0.0104	0.0106	104	106	80.0-122			1.90	20
Xylenes, Total	0.0150	0.0157	0.0158	105	105	79.0-123			0.635	20
(S) Toluene-d8				*102*	*100*	*80.0-120*				
(S) 4-Bromofluorobenzene				*100*	*98.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*99.2*	*97.2*	*70.0-130*				

Method Blank (MB)

(MB) R4197817-4 04/09/25 16:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

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Method Blank (MB)

(MB) R4197817-4 04/09/25 16:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.0*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*94.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197817-1 04/09/25 14:52 • (LCSD) R4197817-2 04/09/25 15:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0276	0.0138	110	55.2	19.0-160	J	J J3	66.7	27
Benzene	0.00500	0.00464	0.00440	92.8	88.0	70.0-123			5.31	20
Bromodichloromethane	0.00500	0.00442	0.00416	88.4	83.2	75.0-120			6.06	20
Bromoform	0.00500	0.00454	0.00419	90.8	83.8	68.0-132			8.02	20
Bromomethane	0.00500	0.00523	0.00496	105	99.2	10.0-160		J	5.30	25
n-Butylbenzene	0.00500	0.00399	0.00381	79.8	76.2	73.0-125			4.62	20
sec-Butylbenzene	0.00500	0.00430	0.00402	86.0	80.4	75.0-125			6.73	20
Carbon disulfide	0.00500	0.00455	0.00414	91.0	82.8	61.0-128			9.44	20
Carbon tetrachloride	0.00500	0.00473	0.00450	94.6	90.0	68.0-126			4.98	20
Chlorobenzene	0.00500	0.00514	0.00467	103	93.4	80.0-121			9.58	20
Chlorodibromomethane	0.00500	0.00463	0.00458	92.6	91.6	77.0-125			1.09	20
Chloroethane	0.00500	0.00544	0.00494	109	98.8	47.0-150		J	9.63	20
Chloroform	0.00500	0.00464	0.00439	92.8	87.8	73.0-120	J	J	5.54	20
Chloromethane	0.00500	0.00689	0.00644	138	129	41.0-142			6.75	20
1,2-Dibromoethane	0.00500	0.00530	0.00482	106	96.4	80.0-122			9.49	20
1,1-Dichloroethane	0.00500	0.00451	0.00426	90.2	85.2	70.0-126			5.70	20
1,2-Dichloroethane	0.00500	0.00459	0.00423	91.8	84.6	70.0-128			8.16	20
1,1-Dichloroethene	0.00500	0.00460	0.00421	92.0	84.2	71.0-124			8.85	20
cis-1,2-Dichloroethene	0.00500	0.00456	0.00429	91.2	85.8	73.0-120			6.10	20
trans-1,2-Dichloroethene	0.00500	0.00464	0.00431	92.8	86.2	73.0-120			7.37	20
1,2-Dichloropropane	0.00500	0.00475	0.00420	95.0	84.0	77.0-125			12.3	20
cis-1,3-Dichloropropene	0.00500	0.00416	0.00381	83.2	76.2	80.0-123		J4	8.78	20

Released to Imaging: 6/26/2026 3:07:01 PM

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197817-1 04/09/25 14:52 • (LCSD) R4197817-2 04/09/25 15:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00421	0.00399	84.2	79.8	78.0-124			5.37	20
Ethylbenzene	0.00500	0.00490	0.00432	98.0	86.4	79.0-123			12.6	20
Isopropylbenzene	0.00500	0.00464	0.00443	92.8	88.6	76.0-127			4.63	20
p-Isopropyltoluene	0.00500	0.00425	0.00398	85.0	79.6	76.0-125			6.56	20
2-Butanone (MEK)	0.0250	0.0253	0.0173	101	69.2	44.0-160		J3	37.6	20
2-Hexanone	0.0250	0.0218	0.0153	87.2	61.2	67.0-149		J3 J4	35.0	20
Methylene Chloride	0.00500	0.00492	0.00441	98.4	88.2	67.0-120	J	J	10.9	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0231	0.0210	92.4	84.0	68.0-142			9.52	20
Methyl tert-butyl ether	0.00500	0.00421	0.00411	84.2	82.2	68.0-125			2.40	20
Naphthalene	0.00500	0.00343	0.00334	68.6	66.8	54.0-135	J	J	2.66	20
n-Propylbenzene	0.00500	0.00420	0.00389	84.0	77.8	77.0-124			7.66	20
Styrene	0.00500	0.00451	0.00415	90.2	83.0	73.0-130			8.31	20
tert-Butyl alcohol	0.0250	0.0218	0.0203	87.2	81.2	27.0-160			7.13	30
1,1,1,2-Tetrachloroethane	0.00500	0.00469	0.00436	93.8	87.2	75.0-125			7.29	20
1,1,2,2-Tetrachloroethane	0.00500	0.00459	0.00425	91.8	85.0	65.0-130			7.69	20
Tetrachloroethene	0.00500	0.00515	0.00492	103	98.4	72.0-132			4.57	20
Toluene	0.00500	0.00486	0.00450	97.2	90.0	79.0-120			7.69	20
1,1,1-Trichloroethane	0.00500	0.00452	0.00444	90.4	88.8	73.0-124			1.79	20
1,1,2-Trichloroethane	0.00500	0.00493	0.00458	98.6	91.6	80.0-120			7.36	20
Trichloroethene	0.00500	0.00489	0.00459	97.8	91.8	78.0-124			6.33	20
1,2,4-Trimethylbenzene	0.00500	0.00400	0.00375	80.0	75.0	76.0-121		J4	6.45	20
1,3,5-Trimethylbenzene	0.00500	0.00426	0.00385	85.2	77.0	76.0-122			10.1	20
Vinyl chloride	0.00500	0.00492	0.00473	98.4	94.6	67.0-131			3.94	20
o-Xylene	0.00500	0.00474	0.00424	94.8	84.8	80.0-122			11.1	20
m&p-Xylene	0.0100	0.00975	0.00876	97.5	87.6	80.0-122			10.7	20
Xylenes, Total	0.0150	0.0145	0.0130	96.7	86.7	79.0-123			10.9	20
(S) Toluene-d8				*105*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.1*	*96.3*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*93.3*	*97.6*	*70.0-130*				

Method Blank (MB)

(MB) R4197646-3 04/09/25 20:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4197646-3 04/09/25 20:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*115*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.0*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197646-1 04/09/25 19:41 • (LCSD) R4197646-2 04/09/25 20:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0303	0.0186	121	74.4	19.0-160	J	J J3	47.9	27
Benzene	0.00500	0.00443	0.00444	88.6	88.8	70.0-123			0.225	20
Bromodichloromethane	0.00500	0.00431	0.00425	86.2	85.0	75.0-120			1.40	20
Bromoform	0.00500	0.00399	0.00386	79.8	77.2	68.0-132			3.31	20
Bromomethane	0.00500	0.00102	0.00142	20.4	28.4	10.0-160	J	J J3	32.8	25
n-Butylbenzene	0.00500	0.00513	0.00534	103	107	73.0-125			4.01	20
sec-Butylbenzene	0.00500	0.00515	0.00510	103	102	75.0-125			0.976	20
Carbon disulfide	0.00500	0.00475	0.00464	95.0	92.8	61.0-128			2.34	20
Carbon tetrachloride	0.00500	0.00427	0.00429	85.4	85.8	68.0-126			0.467	20
Chlorobenzene	0.00500	0.00456	0.00435	91.2	87.0	80.0-121			4.71	20
Chlorodibromomethane	0.00500	0.00409	0.00396	81.8	79.2	77.0-125			3.23	20
Chloroethane	0.00500	0.00418	0.00420	83.6	84.0	47.0-150	J	J	0.477	20
Chloroform	0.00500	0.00455	0.00462	91.0	92.4	73.0-120	J	J	1.53	20
Chloromethane	0.00500	0.00355	0.00340	71.0	68.0	41.0-142			4.32	20
1,2-Dibromoethane	0.00500	0.00439	0.00439	87.8	87.8	80.0-122			0.000	20
1,1-Dichloroethane	0.00500	0.00438	0.00421	87.6	84.2	70.0-126			3.96	20
1,2-Dichloroethane	0.00500	0.00430	0.00416	86.0	83.2	70.0-128			3.31	20
1,1-Dichloroethene	0.00500	0.00437	0.00415	87.4	83.0	71.0-124			5.16	20
cis-1,2-Dichloroethene	0.00500	0.00402	0.00420	80.4	84.0	73.0-120			4.38	20
trans-1,2-Dichloroethene	0.00500	0.00432	0.00435	86.4	87.0	73.0-120			0.692	20
1,2-Dichloropropane	0.00500	0.00427	0.00418	85.4	83.6	77.0-125			2.13	20
cis-1,3-Dichloropropene	0.00500	0.00423	0.00413	84.6	82.6	80.0-123			2.39	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197646-1 04/09/25 19:41 • (LCSD) R4197646-2 04/09/25 20:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00478	0.00463	95.6	92.6	78.0-124			3.19	20
Ethylbenzene	0.00500	0.00462	0.00433	92.4	86.6	79.0-123			6.48	20
Isopropylbenzene	0.00500	0.00463	0.00449	92.6	89.8	76.0-127			3.07	20
p-Isopropyltoluene	0.00500	0.00517	0.00503	103	101	76.0-125			2.75	20
2-Butanone (MEK)	0.0250	0.0299	0.0224	120	89.6	44.0-160		J3	28.7	20
2-Hexanone	0.0250	0.0255	0.0219	102	87.6	67.0-149			15.2	20
Methylene Chloride	0.00500	0.00450	0.00432	90.0	86.4	67.0-120	J	J	4.08	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0238	0.0227	95.2	90.8	68.0-142			4.73	20
Methyl tert-butyl ether	0.00500	0.00446	0.00467	89.2	93.4	68.0-125			4.60	20
Naphthalene	0.00500	0.00429	0.00399	85.8	79.8	54.0-135	J	J	7.25	20
n-Propylbenzene	0.00500	0.00532	0.00525	106	105	77.0-124			1.32	20
Styrene	0.00500	0.00402	0.00384	80.4	76.8	73.0-130			4.58	20
tert-Butyl alcohol	0.0250	0.0288	0.0273	115	109	27.0-160			5.35	30
1,1,1,2-Tetrachloroethane	0.00500	0.00423	0.00417	84.6	83.4	75.0-125			1.43	20
1,1,2,2-Tetrachloroethane	0.00500	0.00519	0.00527	104	105	65.0-130			1.53	20
Tetrachloroethene	0.00500	0.00469	0.00453	93.8	90.6	72.0-132			3.47	20
Toluene	0.00500	0.00460	0.00443	92.0	88.6	79.0-120			3.77	20
1,1,1-Trichloroethane	0.00500	0.00469	0.00423	93.8	84.6	73.0-124			10.3	20
1,1,2-Trichloroethane	0.00500	0.00469	0.00452	93.8	90.4	80.0-120			3.69	20
Trichloroethene	0.00500	0.00437	0.00417	87.4	83.4	78.0-124			4.68	20
1,2,4-Trimethylbenzene	0.00500	0.00502	0.00501	100	100	76.0-121			0.199	20
1,3,5-Trimethylbenzene	0.00500	0.00512	0.00481	102	96.2	76.0-122			6.24	20
Vinyl chloride	0.00500	0.00415	0.00417	83.0	83.4	67.0-131			0.481	20
o-Xylene	0.00500	0.00452	0.00439	90.4	87.8	80.0-122			2.92	20
m&p-Xylene	0.0100	0.00931	0.00845	93.1	84.5	80.0-122			9.68	20
Xylenes, Total	0.0150	0.0138	0.0128	92.0	85.3	79.0-123			7.52	20
(S) Toluene-d8				*105*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*92.4*	*90.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*96.4*	*93.4*	*70.0-130*				

Method Blank (MB)

(MB) R4198180-3 04/10/25 05:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4198180-3 04/10/25 05:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*110*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198180-1 04/10/25 04:29 • (LCSD) R4198180-2 04/10/25 04:53

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0110	0.0103	44.0	41.2	19.0-160	J	J	6.57	27
Benzene	0.00500	0.00456	0.00435	91.2	87.0	70.0-123			4.71	20
Bromodichloromethane	0.00500	0.00464	0.00442	92.8	88.4	75.0-120			4.86	20
Bromoform	0.00500	0.00398	0.00406	79.6	81.2	68.0-132			1.99	20
Bromomethane	0.00500	0.00324	0.00358	64.8	71.6	10.0-160	J	J	9.97	25
n-Butylbenzene	0.00500	0.00484	0.00471	96.8	94.2	73.0-125			2.72	20
sec-Butylbenzene	0.00500	0.00469	0.00472	93.8	94.4	75.0-125			0.638	20
Carbon disulfide	0.00500	0.00433	0.00428	86.6	85.6	61.0-128			1.16	20
Carbon tetrachloride	0.00500	0.00412	0.00411	82.4	82.2	68.0-126			0.243	20
Chlorobenzene	0.00500	0.00460	0.00450	92.0	90.0	80.0-121			2.20	20
Chlorodibromomethane	0.00500	0.00433	0.00428	86.6	85.6	77.0-125			1.16	20
Chloroethane	0.00500	0.00632	0.00609	126	122	47.0-150			3.71	20
Chloroform	0.00500	0.00462	0.00437	92.4	87.4	73.0-120	J	J	5.56	20
Chloromethane	0.00500	0.00409	0.00403	81.8	80.6	41.0-142			1.48	20
1,2-Dibromoethane	0.00500	0.00435	0.00453	87.0	90.6	80.0-122			4.05	20
1,1-Dichloroethane	0.00500	0.00467	0.00450	93.4	90.0	70.0-126			3.71	20
1,2-Dichloroethane	0.00500	0.00469	0.00438	93.8	87.6	70.0-128			6.84	20
1,1-Dichloroethene	0.00500	0.00414	0.00425	82.8	85.0	71.0-124			2.62	20
cis-1,2-Dichloroethene	0.00500	0.00427	0.00405	85.4	81.0	73.0-120			5.29	20
trans-1,2-Dichloroethene	0.00500	0.00423	0.00412	84.6	82.4	73.0-120			2.63	20
1,2-Dichloropropane	0.00500	0.00492	0.00485	98.4	97.0	77.0-125			1.43	20
cis-1,3-Dichloropropene	0.00500	0.00391	0.00372	78.2	74.4	80.0-123	J4	J4	4.98	20

Received by OCD: 6/15/2026 7:23:14 PM

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198180-1 04/10/25 04:29 • (LCSD) R4198180-2 04/10/25 04:53

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00387	0.00395	77.4	79.0	78.0-124	J4		2.05	20
Ethylbenzene	0.00500	0.00469	0.00459	93.8	91.8	79.0-123			2.16	20
Isopropylbenzene	0.00500	0.00474	0.00470	94.8	94.0	76.0-127			0.847	20
p-Isopropyltoluene	0.00500	0.00455	0.00447	91.0	89.4	76.0-125			1.77	20
2-Butanone (MEK)	0.0250	0.0205	0.0198	82.0	79.2	44.0-160			3.47	20
2-Hexanone	0.0250	0.0203	0.0201	81.2	80.4	67.0-149			0.990	20
Methylene Chloride	0.00500	0.00416	0.00391	83.2	78.2	67.0-120	J	J	6.20	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0258	0.0254	103	102	68.0-142			1.56	20
Methyl tert-butyl ether	0.00500	0.00438	0.00431	87.6	86.2	68.0-125			1.61	20
Naphthalene	0.00500	0.00398	0.00413	79.6	82.6	54.0-135	J	J	3.70	20
n-Propylbenzene	0.00500	0.00443	0.00445	88.6	89.0	77.0-124			0.450	20
Styrene	0.00500	0.00465	0.00447	93.0	89.4	73.0-130			3.95	20
tert-Butyl alcohol	0.0250	0.0307	0.0244	123	97.6	27.0-160			22.9	30
1,1,1,2-Tetrachloroethane	0.00500	0.00464	0.00420	92.8	84.0	75.0-125			9.95	20
1,1,2,2-Tetrachloroethane	0.00500	0.00459	0.00473	91.8	94.6	65.0-130			3.00	20
Tetrachloroethene	0.00500	0.00446	0.00436	89.2	87.2	72.0-132			2.27	20
Toluene	0.00500	0.00473	0.00465	94.6	93.0	79.0-120			1.71	20
1,1,1-Trichloroethane	0.00500	0.00451	0.00464	90.2	92.8	73.0-124			2.84	20
1,1,2-Trichloroethane	0.00500	0.00481	0.00492	96.2	98.4	80.0-120			2.26	20
Trichloroethene	0.00500	0.00420	0.00401	84.0	80.2	78.0-124			4.63	20
1,2,4-Trimethylbenzene	0.00500	0.00447	0.00458	89.4	91.6	76.0-121			2.43	20
1,3,5-Trimethylbenzene	0.00500	0.00440	0.00454	88.0	90.8	76.0-122			3.13	20
Vinyl chloride	0.00500	0.00546	0.00543	109	109	67.0-131			0.551	20
o-Xylene	0.00500	0.00458	0.00446	91.6	89.2	80.0-122			2.65	20
m&p-Xylene	0.0100	0.00946	0.00948	94.6	94.8	80.0-122			0.211	20
Xylenes, Total	0.0150	0.0140	0.0139	93.3	92.7	79.0-123			0.717	20
(S) Toluene-d8				*107*	*109*	*80.0-120*				
(S) 4-Bromofluorobenzene				*103*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*101*	*100*	*70.0-130*				

Released to Imaging: 6/26/2026 3:07:01 PM

Method Blank (MB)

(MB) R4198305-3 04/10/25 08:34

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4198305-3 04/10/25 08:34

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*96.6*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198305-1 04/10/25 07:37 • (LCSD) R4198305-2 04/10/25 07:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0365	0.0303	146	121	19.0-160	J	J	18.6	27
Benzene	0.00500	0.00535	0.00506	107	101	70.0-123			5.57	20
Bromodichloromethane	0.00500	0.00536	0.00513	107	103	75.0-120			4.39	20
Bromoform	0.00500	0.00393	0.00393	78.6	78.6	68.0-132			0.000	20
Bromomethane	0.00500	0.00792	0.00771	158	154	10.0-160			2.69	25
n-Butylbenzene	0.00500	0.00476	0.00445	95.2	89.0	73.0-125			6.73	20
sec-Butylbenzene	0.00500	0.00510	0.00472	102	94.4	75.0-125			7.74	20
Carbon disulfide	0.00500	0.00540	0.00534	108	107	61.0-128			1.12	20
Carbon tetrachloride	0.00500	0.00571	0.00529	114	106	68.0-126			7.64	20
Chlorobenzene	0.00500	0.00475	0.00454	95.0	90.8	80.0-121			4.52	20
Chlorodibromomethane	0.00500	0.00457	0.00457	91.4	91.4	77.0-125			0.000	20
Chloroethane	0.00500	0.00583	0.00550	117	110	47.0-150			5.83	20
Chloroform	0.00500	0.00550	0.00499	110	99.8	73.0-120		J	9.72	20
Chloromethane	0.00500	0.00636	0.00626	127	125	41.0-142			1.58	20
1,2-Dibromoethane	0.00500	0.00466	0.00451	93.2	90.2	80.0-122			3.27	20
1,1-Dichloroethane	0.00500	0.00568	0.00526	114	105	70.0-126			7.68	20
1,2-Dichloroethane	0.00500	0.00607	0.00545	121	109	70.0-128			10.8	20
1,1-Dichloroethene	0.00500	0.00581	0.00548	116	110	71.0-124			5.85	20
cis-1,2-Dichloroethene	0.00500	0.00502	0.00465	100	93.0	73.0-120			7.65	20
trans-1,2-Dichloroethene	0.00500	0.00535	0.00499	107	99.8	73.0-120			6.96	20
1,2-Dichloropropane	0.00500	0.00538	0.00510	108	102	77.0-125			5.34	20
cis-1,3-Dichloropropene	0.00500	0.00526	0.00517	105	103	80.0-123			1.73	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198305-1 04/10/25 07:37 • (LCSD) R4198305-2 04/10/25 07:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00511	0.00506	102	101	78.0-124			0.983	20
Ethylbenzene	0.00500	0.00474	0.00435	94.8	87.0	79.0-123			8.58	20
Isopropylbenzene	0.00500	0.00481	0.00457	96.2	91.4	76.0-127			5.12	20
p-Isopropyltoluene	0.00500	0.00470	0.00437	94.0	87.4	76.0-125			7.28	20
2-Butanone (MEK)	0.0250	0.0239	0.0269	95.6	108	44.0-160			11.8	20
2-Hexanone	0.0250	0.0316	0.0288	126	115	67.0-149			9.27	20
Methylene Chloride	0.00500	0.00575	0.00519	115	104	67.0-120			10.2	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0291	0.0289	116	116	68.0-142			0.690	20
Methyl tert-butyl ether	0.00500	0.00607	0.00598	121	120	68.0-125			1.49	20
Naphthalene	0.00500	0.00360	0.00371	72.0	74.2	54.0-135	J	J	3.01	20
n-Propylbenzene	0.00500	0.00524	0.00487	105	97.4	77.0-124			7.32	20
Styrene	0.00500	0.00473	0.00462	94.6	92.4	73.0-130			2.35	20
tert-Butyl alcohol	0.0250	0.0386	0.0315	154	126	27.0-160			20.3	30
1,1,1,2-Tetrachloroethane	0.00500	0.00465	0.00441	93.0	88.2	75.0-125			5.30	20
1,1,2,2-Tetrachloroethane	0.00500	0.00498	0.00490	99.6	98.0	65.0-130			1.62	20
Tetrachloroethene	0.00500	0.00458	0.00423	91.6	84.6	72.0-132			7.95	20
Toluene	0.00500	0.00477	0.00451	95.4	90.2	79.0-120			5.60	20
1,1,1-Trichloroethane	0.00500	0.00570	0.00535	114	107	73.0-124			6.33	20
1,1,2-Trichloroethane	0.00500	0.00509	0.00511	102	102	80.0-120			0.392	20
Trichloroethene	0.00500	0.00541	0.00487	108	97.4	78.0-124			10.5	20
1,2,4-Trimethylbenzene	0.00500	0.00483	0.00450	96.6	90.0	76.0-121			7.07	20
1,3,5-Trimethylbenzene	0.00500	0.00488	0.00454	97.6	90.8	76.0-122			7.22	20
Vinyl chloride	0.00500	0.00693	0.00651	139	130	67.0-131	J4		6.25	20
o-Xylene	0.00500	0.00475	0.00457	95.0	91.4	80.0-122			3.86	20
m&p-Xylene	0.0100	0.00884	0.00841	88.4	84.1	80.0-122			4.99	20
Xylenes, Total	0.0150	0.0136	0.0130	90.7	86.7	79.0-123			4.51	20
(S) Toluene-d8				*94.6*	*96.1*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.6*	*99.4*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*105*	*103*	*70.0-130*				

L1842963-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842963-01 04/10/25 13:04 • (MS) R4198305-4 04/10/25 16:15 • (MSD) R4198305-5 04/10/25 16:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	U	0.0206	0.0423	72.2	159	1	10.0-160	J	J J3	69.0	35
Benzene	0.00500	U	0.00716	0.00537	143	107	1	17.0-158		J3	28.6	27
Bromodichloromethane	0.00500	U	0.00724	0.00531	145	106	1	31.0-150		J3	30.8	27
Bromoform	0.00500	U	0.00542	0.00397	108	79.4	1	29.0-150		J3	30.9	29

L1842963-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842963-01 04/10/25 13:04 • (MS) R4198305-4 04/10/25 16:15 • (MSD) R4198305-5 04/10/25 16:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Bromomethane	0.00500	U	0.0101	0.00798	202	160	1	10.0-160	J5		23.5	38
n-Butylbenzene	0.00500	U	0.00607	0.00509	121	102	1	31.0-150			17.6	30
sec-Butylbenzene	0.00500	U	0.00623	0.00502	125	100	1	33.0-155			21.5	29
Carbon disulfide	0.00500	U	0.00774	0.00590	155	118	1	10.0-156			27.0	28
Carbon tetrachloride	0.00500	U	0.00765	0.00579	153	116	1	23.0-159			27.7	28
Chlorobenzene	0.00500	U	0.00625	0.00482	125	96.4	1	33.0-152			25.8	27
Chlorodibromomethane	0.00500	U	0.00598	0.00451	120	90.2	1	37.0-149		J3	28.0	27
Chloroethane	0.00500	U	0.00788	0.00609	158	122	1	10.0-160			25.6	30
Chloroform	0.00500	U	0.00709	0.00535	142	107	1	29.0-154			28.0	28
Chloromethane	0.00500	U	0.00940	0.00720	188	144	1	10.0-160	J5		26.5	29
1,2-Dibromoethane	0.00500	U	0.00603	0.00457	121	91.4	1	34.0-147		J3	27.5	27
1,1-Dichloroethane	0.00500	U	0.00747	0.00564	149	113	1	25.0-158		J3	27.9	27
1,2-Dichloroethane	0.00500	U	0.00764	0.00598	153	120	1	29.0-151	J5		24.4	27
1,1-Dichloroethene	0.00500	U	0.00792	0.00631	158	126	1	11.0-160			22.6	29
cis-1,2-Dichloroethene	0.00500	U	0.00670	0.00511	134	102	1	10.0-160			26.9	27
trans-1,2-Dichloroethene	0.00500	U	0.00663	0.00555	133	111	1	17.0-153			17.7	27
1,2-Dichloropropane	0.00500	U	0.00707	0.00520	141	104	1	30.0-156		J3	30.5	27
cis-1,3-Dichloropropene	0.00500	U	0.00693	0.00528	139	106	1	34.0-149			27.0	28
trans-1,3-Dichloropropene	0.00500	U	0.00677	0.00517	135	103	1	32.0-149			26.8	28
Ethylbenzene	0.00500	U	0.00610	0.00479	122	95.8	1	30.0-155			24.1	27
Isopropylbenzene	0.00500	U	0.00628	0.00487	126	97.4	1	28.0-157			25.3	27
p-Isopropyltoluene	0.00500	U	0.00585	0.00475	117	95.0	1	30.0-154			20.8	29
2-Butanone (MEK)	0.0250	U	0.0235	0.0200	94.0	80.0	1	10.0-160			16.1	32
2-Hexanone	0.0250	U	0.0432	0.0347	173	139	1	21.0-160	J5		21.8	29
Methylene Chloride	0.00500	U	0.00695	0.00552	139	110	1	23.0-144			22.9	28
4-Methyl-2-pentanone (MIBK)	0.0250	U	0.0357	0.0271	143	108	1	29.0-160			27.4	29
Methyl tert-butyl ether	0.00500	U	0.00730	0.00545	146	109	1	28.0-150			29.0	29
Naphthalene	0.00500	U	0.00548	0.00381	110	76.2	1	12.0-156		J J3	36.0	35
n-Propylbenzene	0.00500	U	0.00647	0.00508	129	102	1	31.0-154			24.1	28
Styrene	0.00500	U	0.00632	0.00492	126	98.4	1	33.0-155			24.9	28
tert-Butyl alcohol	0.0250	U	0.0266	0.0159	106	63.6	1	50.0-150		J3	50.4	20
1,1,1,2-Tetrachloroethane	0.00500	U	0.00594	0.00445	119	89.0	1	36.0-151			28.7	29
1,1,2,2-Tetrachloroethane	0.00500	U	0.00644	0.00487	129	97.4	1	33.0-150			27.8	28
Tetrachloroethene	0.00500	U	0.00577	0.00474	115	94.8	1	10.0-160			19.6	27
Toluene	0.00500	U	0.00626	0.00481	125	96.2	1	26.0-154			26.2	28
1,1,1-Trichloroethane	0.00500	U	0.00782	0.00584	156	117	1	23.0-160		J3	29.0	28
1,1,2-Trichloroethane	0.00500	U	0.00635	0.00507	127	101	1	35.0-147			22.4	27
Trichloroethene	0.00500	U	0.00666	0.00514	133	103	1	10.0-160		J3	25.8	25
1,2,4-Trimethylbenzene	0.00500	U	0.00616	0.00470	123	94.0	1	26.0-154			26.9	27
1,3,5-Trimethylbenzene	0.00500	U	0.00609	0.00462	122	92.4	1	28.0-153		J3	27.5	27

L1842963-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1842963-01 04/10/25 13:04 • (MS) R4198305-4 04/10/25 16:15 • (MSD) R4198305-5 04/10/25 16:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Vinyl chloride	0.00500	U	0.00955	0.00751	191	150	1	10.0-160	J5		23.9	27
o-Xylene	0.00500	U	0.00611	0.00469	122	93.8	1	45.0-144		J3	26.3	26
m&p-Xylene	0.0100	U	0.0119	0.00920	119	92.0	1	43.0-146			25.6	26
Xylenes, Total	0.0150	U	0.0180	0.0139	120	92.7	1	29.0-154			25.7	28
(S) Toluene-d8					*94.1*	*93.9*		*80.0-120*				
(S) 4-Bromofluorobenzene					*101*	*101*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*104*	*103*		*70.0-130*				

Method Blank (MB)

(MB) R4197942-4 04/10/25 09:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4197942-4 04/10/25 09:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*100*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197942-1 04/10/25 08:16 • (LCSD) R4197942-2 04/10/25 08:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0239	0.0237	95.6	94.8	19.0-160	J	J	0.840	27
Benzene	0.00500	0.00551	0.00533	110	107	70.0-123			3.32	20
Bromodichloromethane	0.00500	0.00540	0.00525	108	105	75.0-120			2.82	20
Bromoform	0.00500	0.00502	0.00505	100	101	68.0-132			0.596	20
Bromomethane	0.00500	0.00442	0.00475	88.4	95.0	10.0-160	J	J	7.20	25
n-Butylbenzene	0.00500	0.00494	0.00494	98.8	98.8	73.0-125			0.000	20
sec-Butylbenzene	0.00500	0.00540	0.00534	108	107	75.0-125			1.12	20
Carbon disulfide	0.00500	0.00585	0.00566	117	113	61.0-128			3.30	20
Carbon tetrachloride	0.00500	0.00554	0.00535	111	107	68.0-126			3.49	20
Chlorobenzene	0.00500	0.00524	0.00513	105	103	80.0-121			2.12	20
Chlorodibromomethane	0.00500	0.00520	0.00520	104	104	77.0-125			0.000	20
Chloroethane	0.00500	0.00780	0.00754	156	151	47.0-150	J4	J4	3.39	20
Chloroform	0.00500	0.00551	0.00533	110	107	73.0-120			3.32	20
Chloromethane	0.00500	0.00462	0.00451	92.4	90.2	41.0-142			2.41	20
1,2-Dibromoethane	0.00500	0.00524	0.00518	105	104	80.0-122			1.15	20
1,1-Dichloroethane	0.00500	0.00550	0.00545	110	109	70.0-126			0.913	20
1,2-Dichloroethane	0.00500	0.00538	0.00538	108	108	70.0-128			0.000	20
1,1-Dichloroethene	0.00500	0.00579	0.00564	116	113	71.0-124			2.62	20
cis-1,2-Dichloroethene	0.00500	0.00536	0.00540	107	108	73.0-120			0.744	20
trans-1,2-Dichloroethene	0.00500	0.00572	0.00549	114	110	73.0-120			4.10	20
1,2-Dichloropropane	0.00500	0.00534	0.00519	107	104	77.0-125			2.85	20
cis-1,3-Dichloropropene	0.00500	0.00538	0.00526	108	105	80.0-123			2.26	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197942-1 04/10/25 08:16 • (LCSD) R4197942-2 04/10/25 08:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00518	0.00520	104	104	78.0-124			0.385	20
Ethylbenzene	0.00500	0.00505	0.00506	101	101	79.0-123			0.198	20
Isopropylbenzene	0.00500	0.00498	0.00498	99.6	99.6	76.0-127			0.000	20
p-Isopropyltoluene	0.00500	0.00525	0.00533	105	107	76.0-125			1.51	20
2-Butanone (MEK)	0.0250	0.0181	0.0185	72.4	74.0	44.0-160			2.19	20
2-Hexanone	0.0250	0.0210	0.0216	84.0	86.4	67.0-149			2.82	20
Methylene Chloride	0.00500	0.00561	0.00542	112	108	67.0-120			3.45	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0226	0.0229	90.4	91.6	68.0-142			1.32	20
Methyl tert-butyl ether	0.00500	0.00530	0.00535	106	107	68.0-125			0.939	20
Naphthalene	0.00500	0.00284	0.00325	56.8	65.0	54.0-135	J	J	13.5	20
n-Propylbenzene	0.00500	0.00499	0.00493	99.8	98.6	77.0-124			1.21	20
Styrene	0.00500	0.00496	0.00482	99.2	96.4	73.0-130			2.86	20
tert-Butyl alcohol	0.0250	0.0203	0.0208	81.2	83.2	27.0-160			2.43	30
1,1,1,2-Tetrachloroethane	0.00500	0.00518	0.00513	104	103	75.0-125			0.970	20
1,1,2,2-Tetrachloroethane	0.00500	0.00487	0.00500	97.4	100	65.0-130			2.63	20
Tetrachloroethene	0.00500	0.00534	0.00519	107	104	72.0-132			2.85	20
Toluene	0.00500	0.00513	0.00502	103	100	79.0-120			2.17	20
1,1,1-Trichloroethane	0.00500	0.00547	0.00531	109	106	73.0-124			2.97	20
1,1,2-Trichloroethane	0.00500	0.00522	0.00541	104	108	80.0-120			3.57	20
Trichloroethene	0.00500	0.00575	0.00537	115	107	78.0-124			6.83	20
1,2,4-Trimethylbenzene	0.00500	0.00503	0.00495	101	99.0	76.0-121			1.60	20
1,3,5-Trimethylbenzene	0.00500	0.00509	0.00506	102	101	76.0-122			0.591	20
Vinyl chloride	0.00500	0.00697	0.00683	139	137	67.0-131	J4	J4	2.03	20
o-Xylene	0.00500	0.00491	0.00490	98.2	98.0	80.0-122			0.204	20
m&p-Xylene	0.0100	0.0103	0.0103	103	103	80.0-122			0.000	20
Xylenes, Total	0.0150	0.0152	0.0152	101	101	79.0-123			0.000	20
(S) Toluene-d8				*98.8*	*98.1*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.2*	*99.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*96.0*	*96.4*	*70.0-130*				

Method Blank (MB)

(MB) R4198266-3 04/10/25 22:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4198266-3 04/10/25 22:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.2*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198266-1 04/10/25 21:09 • (LCSD) R4198266-2 04/10/25 21:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0232	0.0233	92.8	93.2	19.0-160	J	J	0.430	27
Benzene	0.00500	0.00516	0.00522	103	104	70.0-123			1.16	20
Bromodichloromethane	0.00500	0.00506	0.00510	101	102	75.0-120			0.787	20
Bromoform	0.00500	0.00482	0.00477	96.4	95.4	68.0-132			1.04	20
Bromomethane	0.00500	0.00506	0.00583	101	117	10.0-160			14.1	25
n-Butylbenzene	0.00500	0.00463	0.00484	92.6	96.8	73.0-125			4.44	20
sec-Butylbenzene	0.00500	0.00505	0.00520	101	104	75.0-125			2.93	20
Carbon disulfide	0.00500	0.00524	0.00527	105	105	61.0-128			0.571	20
Carbon tetrachloride	0.00500	0.00507	0.00511	101	102	68.0-126			0.786	20
Chlorobenzene	0.00500	0.00501	0.00498	100	99.6	80.0-121			0.601	20
Chlorodibromomethane	0.00500	0.00490	0.00488	98.0	97.6	77.0-125			0.409	20
Chloroethane	0.00500	0.00698	0.00710	140	142	47.0-150			1.70	20
Chloroform	0.00500	0.00510	0.00503	102	101	73.0-120			1.38	20
Chloromethane	0.00500	0.00414	0.00422	82.8	84.4	41.0-142			1.91	20
1,2-Dibromoethane	0.00500	0.00510	0.00513	102	103	80.0-122			0.587	20
1,1-Dichloroethane	0.00500	0.00520	0.00508	104	102	70.0-126			2.33	20
1,2-Dichloroethane	0.00500	0.00505	0.00499	101	99.8	70.0-128			1.20	20
1,1-Dichloroethene	0.00500	0.00524	0.00547	105	109	71.0-124			4.30	20
cis-1,2-Dichloroethene	0.00500	0.00503	0.00505	101	101	73.0-120			0.397	20
trans-1,2-Dichloroethene	0.00500	0.00517	0.00533	103	107	73.0-120			3.05	20
1,2-Dichloropropane	0.00500	0.00506	0.00513	101	103	77.0-125			1.37	20
cis-1,3-Dichloropropene	0.00500	0.00497	0.00517	99.4	103	80.0-123			3.94	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198266-1 04/10/25 21:09 • (LCSD) R4198266-2 04/10/25 21:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00515	0.00515	103	103	78.0-124			0.000	20
Ethylbenzene	0.00500	0.00485	0.00497	97.0	99.4	79.0-123			2.44	20
Isopropylbenzene	0.00500	0.00475	0.00478	95.0	95.6	76.0-127			0.630	20
p-Isopropyltoluene	0.00500	0.00485	0.00519	97.0	104	76.0-125			6.77	20
2-Butanone (MEK)	0.0250	0.0181	0.0180	72.4	72.0	44.0-160			0.554	20
2-Hexanone	0.0250	0.0210	0.0205	84.0	82.0	67.0-149			2.41	20
Methylene Chloride	0.00500	0.00536	0.00514	107	103	67.0-120			4.19	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0232	0.0228	92.8	91.2	68.0-142			1.74	20
Methyl tert-butyl ether	0.00500	0.00510	0.00518	102	104	68.0-125			1.56	20
Naphthalene	0.00500	0.00247	0.00264	49.4	52.8	54.0-135	J J4	J J4	6.65	20
n-Propylbenzene	0.00500	0.00473	0.00490	94.6	98.0	77.0-124			3.53	20
Styrene	0.00500	0.00475	0.00467	95.0	93.4	73.0-130			1.70	20
tert-Butyl alcohol	0.0250	0.0198	0.0188	79.2	75.2	27.0-160			5.18	30
1,1,1,2-Tetrachloroethane	0.00500	0.00496	0.00490	99.2	98.0	75.0-125			1.22	20
1,1,2,2-Tetrachloroethane	0.00500	0.00489	0.00497	97.8	99.4	65.0-130			1.62	20
Tetrachloroethene	0.00500	0.00518	0.00508	104	102	72.0-132			1.95	20
Toluene	0.00500	0.00494	0.00491	98.8	98.2	79.0-120			0.609	20
1,1,1-Trichloroethane	0.00500	0.00510	0.00509	102	102	73.0-124			0.196	20
1,1,2-Trichloroethane	0.00500	0.00510	0.00507	102	101	80.0-120			0.590	20
Trichloroethene	0.00500	0.00510	0.00526	102	105	78.0-124			3.09	20
1,2,4-Trimethylbenzene	0.00500	0.00460	0.00472	92.0	94.4	76.0-121			2.58	20
1,3,5-Trimethylbenzene	0.00500	0.00475	0.00491	95.0	98.2	76.0-122			3.31	20
Vinyl chloride	0.00500	0.00641	0.00641	128	128	67.0-131			0.000	20
o-Xylene	0.00500	0.00478	0.00475	95.6	95.0	80.0-122			0.630	20
m&p-Xylene	0.0100	0.00994	0.00975	99.4	97.5	80.0-122			1.93	20
Xylenes, Total	0.0150	0.0147	0.0145	98.0	96.7	79.0-123			1.37	20
(S) Toluene-d8				*99.9*	*98.0*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*97.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*93.6*	*94.1*	*70.0-130*				

Method Blank (MB)

(MB) R4198267-3 04/10/25 22:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4198267-3 04/10/25 22:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.2*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198267-1 04/10/25 21:09 • (LCSD) R4198267-2 04/10/25 21:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0232	0.0233	92.8	93.2	19.0-160	J	J	0.430	27
Benzene	0.00500	0.00516	0.00522	103	104	70.0-123			1.16	20
Bromodichloromethane	0.00500	0.00506	0.00510	101	102	75.0-120			0.787	20
Bromoform	0.00500	0.00482	0.00477	96.4	95.4	68.0-132			1.04	20
Bromomethane	0.00500	0.00506	0.00583	101	117	10.0-160			14.1	25
n-Butylbenzene	0.00500	0.00463	0.00484	92.6	96.8	73.0-125			4.44	20
sec-Butylbenzene	0.00500	0.00505	0.00520	101	104	75.0-125			2.93	20
Carbon disulfide	0.00500	0.00524	0.00527	105	105	61.0-128			0.571	20
Carbon tetrachloride	0.00500	0.00507	0.00511	101	102	68.0-126			0.786	20
Chlorobenzene	0.00500	0.00501	0.00498	100	99.6	80.0-121			0.601	20
Chlorodibromomethane	0.00500	0.00490	0.00488	98.0	97.6	77.0-125			0.409	20
Chloroethane	0.00500	0.00698	0.00710	140	142	47.0-150			1.70	20
Chloroform	0.00500	0.00510	0.00503	102	101	73.0-120			1.38	20
Chloromethane	0.00500	0.00414	0.00422	82.8	84.4	41.0-142			1.91	20
1,2-Dibromoethane	0.00500	0.00510	0.00513	102	103	80.0-122			0.587	20
1,1-Dichloroethane	0.00500	0.00520	0.00508	104	102	70.0-126			2.33	20
1,2-Dichloroethane	0.00500	0.00505	0.00499	101	99.8	70.0-128			1.20	20
1,1-Dichloroethene	0.00500	0.00524	0.00547	105	109	71.0-124			4.30	20
cis-1,2-Dichloroethene	0.00500	0.00503	0.00505	101	101	73.0-120			0.397	20
trans-1,2-Dichloroethene	0.00500	0.00517	0.00533	103	107	73.0-120			3.05	20
1,2-Dichloropropane	0.00500	0.00506	0.00513	101	103	77.0-125			1.37	20
cis-1,3-Dichloropropene	0.00500	0.00497	0.00517	99.4	103	80.0-123			3.94	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198267-1 04/10/25 21:09 • (LCSD) R4198267-2 04/10/25 21:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00515	0.00515	103	103	78.0-124			0.000	20
Ethylbenzene	0.00500	0.00485	0.00497	97.0	99.4	79.0-123			2.44	20
Isopropylbenzene	0.00500	0.00475	0.00478	95.0	95.6	76.0-127			0.630	20
p-Isopropyltoluene	0.00500	0.00485	0.00519	97.0	104	76.0-125			6.77	20
2-Butanone (MEK)	0.0250	0.0181	0.0180	72.4	72.0	44.0-160			0.554	20
2-Hexanone	0.0250	0.0210	0.0205	84.0	82.0	67.0-149			2.41	20
Methylene Chloride	0.00500	0.00536	0.00514	107	103	67.0-120			4.19	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0232	0.0228	92.8	91.2	68.0-142			1.74	20
Methyl tert-butyl ether	0.00500	0.00510	0.00518	102	104	68.0-125			1.56	20
Naphthalene	0.00500	0.00247	0.00264	49.4	52.8	54.0-135	J J4	J J4	6.65	20
n-Propylbenzene	0.00500	0.00473	0.00490	94.6	98.0	77.0-124			3.53	20
Styrene	0.00500	0.00475	0.00467	95.0	93.4	73.0-130			1.70	20
tert-Butyl alcohol	0.0250	0.0198	0.0188	79.2	75.2	27.0-160			5.18	30
1,1,1,2-Tetrachloroethane	0.00500	0.00496	0.00490	99.2	98.0	75.0-125			1.22	20
1,1,2,2-Tetrachloroethane	0.00500	0.00489	0.00497	97.8	99.4	65.0-130			1.62	20
Tetrachloroethene	0.00500	0.00518	0.00508	104	102	72.0-132			1.95	20
Toluene	0.00500	0.00494	0.00491	98.8	98.2	79.0-120			0.609	20
1,1,1-Trichloroethane	0.00500	0.00510	0.00509	102	102	73.0-124			0.196	20
1,1,2-Trichloroethane	0.00500	0.00510	0.00507	102	101	80.0-120			0.590	20
Trichloroethene	0.00500	0.00510	0.00526	102	105	78.0-124			3.09	20
1,2,4-Trimethylbenzene	0.00500	0.00460	0.00472	92.0	94.4	76.0-121			2.58	20
1,3,5-Trimethylbenzene	0.00500	0.00475	0.00491	95.0	98.2	76.0-122			3.31	20
Vinyl chloride	0.00500	0.00641	0.00641	128	128	67.0-131			0.000	20
o-Xylene	0.00500	0.00478	0.00475	95.6	95.0	80.0-122			0.630	20
m&p-Xylene	0.0100	0.00994	0.00975	99.4	97.5	80.0-122			1.93	20
Xylenes, Total	0.0150	0.0147	0.0145	98.0	96.7	79.0-123			1.37	20
(S) Toluene-d8				*99.9*	*98.0*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*97.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*93.6*	*94.1*	*70.0-130*				

Method Blank (MB)

(MB) R4198969-3 04/11/25 05:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4198969-3 04/11/25 05:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198969-1 04/11/25 04:44 • (LCSD) R4198969-2 04/11/25 05:07

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0175	0.0197	70.0	78.8	19.0-160	J	J	11.8	27
Benzene	0.00500	0.00513	0.00532	103	106	70.0-123			3.64	20
Bromodichloromethane	0.00500	0.00498	0.00536	99.6	107	75.0-120			7.35	20
Bromoform	0.00500	0.00453	0.00432	90.6	86.4	68.0-132			4.75	20
Bromomethane	0.00500	0.00626	0.00649	125	130	10.0-160			3.61	25
n-Butylbenzene	0.00500	0.00532	0.00552	106	110	73.0-125			3.69	20
sec-Butylbenzene	0.00500	0.00540	0.00564	108	113	75.0-125			4.35	20
Carbon disulfide	0.00500	0.00546	0.00567	109	113	61.0-128			3.77	20
Carbon tetrachloride	0.00500	0.00502	0.00536	100	107	68.0-126			6.55	20
Chlorobenzene	0.00500	0.00507	0.00525	101	105	80.0-121			3.49	20
Chlorodibromomethane	0.00500	0.00467	0.00481	93.4	96.2	77.0-125			2.95	20
Chloroethane	0.00500	0.00796	0.00794	159	159	47.0-150	J4	J4	0.252	20
Chloroform	0.00500	0.00506	0.00535	101	107	73.0-120			5.57	20
Chloromethane	0.00500	0.00518	0.00525	104	105	41.0-142			1.34	20
1,2-Dibromoethane	0.00500	0.00487	0.00514	97.4	103	80.0-122			5.39	20
1,1-Dichloroethane	0.00500	0.00535	0.00555	107	111	70.0-126			3.67	20
1,2-Dichloroethane	0.00500	0.00529	0.00544	106	109	70.0-128			2.80	20
1,1-Dichloroethene	0.00500	0.00537	0.00575	107	115	71.0-124			6.83	20
cis-1,2-Dichloroethene	0.00500	0.00481	0.00510	96.2	102	73.0-120			5.85	20
trans-1,2-Dichloroethene	0.00500	0.00499	0.00540	99.8	108	73.0-120			7.89	20
1,2-Dichloropropane	0.00500	0.00582	0.00576	116	115	77.0-125			1.04	20
cis-1,3-Dichloropropene	0.00500	0.00438	0.00438	87.6	87.6	80.0-123			0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198969-1 04/11/25 04:44 • (LCSD) R4198969-2 04/11/25 05:07

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00443	0.00435	88.6	87.0	78.0-124			1.82	20
Ethylbenzene	0.00500	0.00504	0.00525	101	105	79.0-123			4.08	20
Isopropylbenzene	0.00500	0.00529	0.00537	106	107	76.0-127			1.50	20
p-Isopropyltoluene	0.00500	0.00514	0.00530	103	106	76.0-125			3.07	20
2-Butanone (MEK)	0.0250	0.0228	0.0261	91.2	104	44.0-160			13.5	20
2-Hexanone	0.0250	0.0227	0.0243	90.8	97.2	67.0-149			6.81	20
Methylene Chloride	0.00500	0.00477	0.00472	95.4	94.4	67.0-120	J	J	1.05	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0281	0.0283	112	113	68.0-142			0.709	20
Methyl tert-butyl ether	0.00500	0.00472	0.00473	94.4	94.6	68.0-125			0.212	20
Naphthalene	0.00500	0.00411	0.00435	82.2	87.0	54.0-135	J	J	5.67	20
n-Propylbenzene	0.00500	0.00510	0.00534	102	107	77.0-124			4.60	20
Styrene	0.00500	0.00511	0.00519	102	104	73.0-130			1.55	20
tert-Butyl alcohol	0.0250	0.0334	0.0221	134	88.4	27.0-160		J3	40.7	30
1,1,1,2-Tetrachloroethane	0.00500	0.00490	0.00495	98.0	99.0	75.0-125			1.02	20
1,1,2,2-Tetrachloroethane	0.00500	0.00524	0.00523	105	105	65.0-130			0.191	20
Tetrachloroethene	0.00500	0.00500	0.00513	100	103	72.0-132			2.57	20
Toluene	0.00500	0.00525	0.00540	105	108	79.0-120			2.82	20
1,1,1-Trichloroethane	0.00500	0.00507	0.00542	101	108	73.0-124			6.67	20
1,1,2-Trichloroethane	0.00500	0.00512	0.00547	102	109	80.0-120			6.61	20
Trichloroethene	0.00500	0.00485	0.00522	97.0	104	78.0-124			7.35	20
1,2,4-Trimethylbenzene	0.00500	0.00506	0.00532	101	106	76.0-121			5.01	20
1,3,5-Trimethylbenzene	0.00500	0.00501	0.00549	100	110	76.0-122			9.14	20
Vinyl chloride	0.00500	0.00676	0.00731	135	146	67.0-131	J4	J4	7.82	20
o-Xylene	0.00500	0.00484	0.00486	96.8	97.2	80.0-122			0.412	20
m&p-Xylene	0.0100	0.0105	0.0107	105	107	80.0-122			1.89	20
Xylenes, Total	0.0150	0.0153	0.0156	102	104	79.0-123			1.94	20
(S) Toluene-d8				*105*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.6*	*99.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*102*	*105*	*70.0-130*				

Method Blank (MB)

(MB) R4198337-3 04/11/25 09:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4198337-3 04/11/25 09:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*93.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198337-1 04/11/25 08:14 • (LCSD) R4198337-2 04/11/25 08:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0210	0.0224	84.0	89.6	19.0-160	J	J	6.45	27
Benzene	0.00500	0.00455	0.00469	91.0	93.8	70.0-123			3.03	20
Bromodichloromethane	0.00500	0.00448	0.00451	89.6	90.2	75.0-120			0.667	20
Bromoform	0.00500	0.00394	0.00417	78.8	83.4	68.0-132			5.67	20
Bromomethane	0.00500	0.00482	0.00523	96.4	105	10.0-160	J		8.16	25
n-Butylbenzene	0.00500	0.00461	0.00457	92.2	91.4	73.0-125			0.871	20
sec-Butylbenzene	0.00500	0.00453	0.00453	90.6	90.6	75.0-125			0.000	20
Carbon disulfide	0.00500	0.00451	0.00473	90.2	94.6	61.0-128			4.76	20
Carbon tetrachloride	0.00500	0.00473	0.00473	94.6	94.6	68.0-126			0.000	20
Chlorobenzene	0.00500	0.00480	0.00482	96.0	96.4	80.0-121			0.416	20
Chlorodibromomethane	0.00500	0.00467	0.00463	93.4	92.6	77.0-125			0.860	20
Chloroethane	0.00500	0.00556	0.00503	111	101	47.0-150			10.0	20
Chloroform	0.00500	0.00498	0.00506	99.6	101	73.0-120	J		1.59	20
Chloromethane	0.00500	0.00510	0.00548	102	110	41.0-142			7.18	20
1,2-Dibromoethane	0.00500	0.00465	0.00460	93.0	92.0	80.0-122			1.08	20
1,1-Dichloroethane	0.00500	0.00520	0.00535	104	107	70.0-126			2.84	20
1,2-Dichloroethane	0.00500	0.00454	0.00476	90.8	95.2	70.0-128			4.73	20
1,1-Dichloroethene	0.00500	0.00496	0.00511	99.2	102	71.0-124			2.98	20
cis-1,2-Dichloroethene	0.00500	0.00483	0.00496	96.6	99.2	73.0-120			2.66	20
trans-1,2-Dichloroethene	0.00500	0.00467	0.00479	93.4	95.8	73.0-120			2.54	20
1,2-Dichloropropane	0.00500	0.00480	0.00509	96.0	102	77.0-125			5.86	20
cis-1,3-Dichloropropene	0.00500	0.00456	0.00469	91.2	93.8	80.0-123			2.81	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198337-1 04/11/25 08:14 • (LCSD) R4198337-2 04/11/25 08:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00423	0.00409	84.6	81.8	78.0-124			3.37	20
Ethylbenzene	0.00500	0.00473	0.00462	94.6	92.4	79.0-123			2.35	20
Isopropylbenzene	0.00500	0.00460	0.00458	92.0	91.6	76.0-127			0.436	20
p-Isopropyltoluene	0.00500	0.00449	0.00441	89.8	88.2	76.0-125			1.80	20
2-Butanone (MEK)	0.0250	0.0209	0.0219	83.6	87.6	44.0-160			4.67	20
2-Hexanone	0.0250	0.0193	0.0196	77.2	78.4	67.0-149			1.54	20
Methylene Chloride	0.00500	0.00466	0.00504	93.2	101	67.0-120	J		7.84	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0209	0.0214	83.6	85.6	68.0-142			2.36	20
Methyl tert-butyl ether	0.00500	0.00435	0.00435	87.0	87.0	68.0-125			0.000	20
Naphthalene	0.00500	0.00365	0.00417	73.0	83.4	54.0-135	J	J	13.3	20
n-Propylbenzene	0.00500	0.00448	0.00462	89.6	92.4	77.0-124			3.08	20
Styrene	0.00500	0.00439	0.00430	87.8	86.0	73.0-130			2.07	20
tert-Butyl alcohol	0.0250	0.0204	0.0246	81.6	98.4	27.0-160			18.7	30
1,1,1,2-Tetrachloroethane	0.00500	0.00455	0.00470	91.0	94.0	75.0-125			3.24	20
1,1,2,2-Tetrachloroethane	0.00500	0.00436	0.00438	87.2	87.6	65.0-130			0.458	20
Tetrachloroethene	0.00500	0.00518	0.00545	104	109	72.0-132			5.08	20
Toluene	0.00500	0.00494	0.00496	98.8	99.2	79.0-120			0.404	20
1,1,1-Trichloroethane	0.00500	0.00500	0.00508	100	102	73.0-124			1.59	20
1,1,2-Trichloroethane	0.00500	0.00474	0.00461	94.8	92.2	80.0-120			2.78	20
Trichloroethene	0.00500	0.00532	0.00563	106	113	78.0-124			5.66	20
1,2,4-Trimethylbenzene	0.00500	0.00444	0.00463	88.8	92.6	76.0-121			4.19	20
1,3,5-Trimethylbenzene	0.00500	0.00446	0.00449	89.2	89.8	76.0-122			0.670	20
Vinyl chloride	0.00500	0.00534	0.00537	107	107	67.0-131			0.560	20
o-Xylene	0.00500	0.00464	0.00466	92.8	93.2	80.0-122			0.430	20
m&p-Xylene	0.0100	0.00981	0.00975	98.1	97.5	80.0-122			0.613	20
Xylenes, Total	0.0150	0.0144	0.0144	96.0	96.0	79.0-123			0.000	20
(S) Toluene-d8				*98.3*	*98.3*	*80.0-120*				
(S) 4-Bromofluorobenzene				*92.6*	*93.0*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*98.1*	*100*	*70.0-130*				

Method Blank (MB)

(MB) R4198310-2 04/10/25 20:04

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
cis-1,2-Dichloroethene	U		0.000126	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
(S) Toluene-d8	*110*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4198310-1 04/10/25 19:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	0.00500	0.00513	103	73.0-120	
1,1,2,2-Tetrachloroethane	0.00500	0.00436	87.2	65.0-130	
(S) Toluene-d8			*105*	*80.0-120*	
(S) 4-Bromofluorobenzene			*98.3*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*112*	*70.0-130*	

Method Blank (MB)

(MB) R4199096-2 04/11/25 12:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4199096-2 04/11/25 12:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4199096-1 04/11/25 09:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0244	97.6	19.0-160	J
Benzene	0.00500	0.00472	94.4	70.0-123	
Bromodichloromethane	0.00500	0.00528	106	75.0-120	
Bromoform	0.00500	0.00582	116	68.0-132	
Bromomethane	0.00500	0.0103	206	10.0-160	J4
n-Butylbenzene	0.00500	0.00576	115	73.0-125	
sec-Butylbenzene	0.00500	0.00569	114	75.0-125	
Carbon disulfide	0.00500	0.00431	86.2	61.0-128	
Carbon tetrachloride	0.00500	0.00622	124	68.0-126	
Chlorobenzene	0.00500	0.00511	102	80.0-121	
Chlorodibromomethane	0.00500	0.00606	121	77.0-125	
Chloroethane	0.00500	0.00504	101	47.0-150	
Chloroform	0.00500	0.00531	106	73.0-120	
Chloromethane	0.00500	0.00458	91.6	41.0-142	
1,2-Dibromoethane	0.00500	0.00513	103	80.0-122	
1,1-Dichloroethane	0.00500	0.00453	90.6	70.0-126	
1,2-Dichloroethane	0.00500	0.00503	101	70.0-128	
1,1-Dichloroethene	0.00500	0.00512	102	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00481	96.2	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00482	96.4	73.0-120	
1,2-Dichloropropane	0.00500	0.00444	88.8	77.0-125	
cis-1,3-Dichloropropene	0.00500	0.00481	96.2	80.0-123	

Laboratory Control Sample (LCS)

(LCS) R4199096-1 04/11/25 09:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.00500	0.00532	106	78.0-124	
Ethylbenzene	0.00500	0.00502	100	79.0-123	
Isopropylbenzene	0.00500	0.00554	111	76.0-127	
p-Isopropyltoluene	0.00500	0.00600	120	76.0-125	
2-Butanone (MEK)	0.0250	0.0212	84.8	44.0-160	
2-Hexanone	0.0250	0.0247	98.8	67.0-149	
Methylene Chloride	0.00500	0.00465	93.0	67.0-120	J
4-Methyl-2-pentanone (MIBK)	0.0250	0.0202	80.8	68.0-142	
Methyl tert-butyl ether	0.00500	0.00505	101	68.0-125	
Naphthalene	0.00500	0.00738	148	54.0-135	J4
n-Propylbenzene	0.00500	0.00580	116	77.0-124	
Styrene	0.00500	0.00500	100	73.0-130	
tert-Butyl alcohol	0.0250	0.0185	74.0	27.0-160	
1,1,1,2-Tetrachloroethane	0.00500	0.00554	111	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00522	104	65.0-130	
Tetrachloroethene	0.00500	0.00571	114	72.0-132	
Toluene	0.00500	0.00522	104	79.0-120	
1,1,1-Trichloroethane	0.00500	0.00591	118	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00521	104	80.0-120	
Trichloroethene	0.00500	0.00473	94.6	78.0-124	
1,2,4-Trimethylbenzene	0.00500	0.00573	115	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00574	115	76.0-122	
Vinyl chloride	0.00500	0.00507	101	67.0-131	
o-Xylene	0.00500	0.00511	102	80.0-122	
m&p-Xylene	0.0100	0.0101	101	80.0-122	
Xylenes, Total	0.0150	0.0152	101	79.0-123	
(S) Toluene-d8			*105*	*80.0-120*	
(S) 4-Bromofluorobenzene			*102*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*109*	*70.0-130*	

Method Blank (MB)

(MB) R4199721-2 04/14/25 10:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100

Method Blank (MB)

(MB) R4199721-2 04/14/25 10:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*99.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4199721-1 04/14/25 10:06 • (LCSD) R4199721-3 04/14/25 13:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0321	0.0371	128	148	19.0-160	J	J	14.5	27
Benzene	0.00500	0.00545	0.00566	109	113	70.0-123			3.78	20
Bromodichloromethane	0.00500	0.00568	0.00571	114	114	75.0-120			0.527	20
Bromoform	0.00500	0.00521	0.00539	104	108	68.0-132			3.40	20
Bromomethane	0.00500	0.00534	0.00643	107	129	10.0-160			18.5	25
n-Butylbenzene	0.00500	0.00528	0.00504	106	101	73.0-125			4.65	20
sec-Butylbenzene	0.00500	0.00545	0.00533	109	107	75.0-125			2.23	20
Carbon disulfide	0.00500	0.00633	0.00638	127	128	61.0-128			0.787	20
Carbon tetrachloride	0.00500	0.00562	0.00579	112	116	68.0-126			2.98	20
Chlorobenzene	0.00500	0.00576	0.00562	115	112	80.0-121			2.46	20
Chlorodibromomethane	0.00500	0.00533	0.00516	107	103	77.0-125			3.24	20
Chloroethane	0.00500	0.00536	0.00548	107	110	47.0-150			2.21	20
Chloroform	0.00500	0.00548	0.00550	110	110	73.0-120			0.364	20
Chloromethane	0.00500	0.00521	0.00563	104	113	41.0-142			7.75	20
1,2-Dibromoethane	0.00500	0.00540	0.00531	108	106	80.0-122			1.68	20
1,1-Dichloroethane	0.00500	0.00520	0.00519	104	104	70.0-126			0.192	20
1,2-Dichloroethane	0.00500	0.00542	0.00524	108	105	70.0-128			3.38	20
1,1-Dichloroethene	0.00500	0.00575	0.00627	115	125	71.0-124		J4	8.65	20
cis-1,2-Dichloroethene	0.00500	0.00528	0.00562	106	112	73.0-120			6.24	20
trans-1,2-Dichloroethene	0.00500	0.00613	0.00619	123	124	73.0-120	J4	J4	0.974	20
1,2-Dichloropropane	0.00500	0.00539	0.00525	108	105	77.0-125			2.63	20
cis-1,3-Dichloropropene	0.00500	0.00519	0.00528	104	106	80.0-123			1.72	20
trans-1,3-Dichloropropene	0.00500	0.00513	0.00502	103	100	78.0-124			2.17	20
Ethylbenzene	0.00500	0.00565	0.00552	113	110	79.0-123			2.33	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4199721-1 04/14/25 10:06 • (LCSD) R4199721-3 04/14/25 13:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Isopropylbenzene	0.00500	0.00611	0.00614	122	123	76.0-127			0.490	20
p-Isopropyltoluene	0.00500	0.00560	0.00534	112	107	76.0-125			4.75	20
2-Butanone (MEK)	0.0250	0.0335	0.0309	134	124	44.0-160			8.07	20
2-Hexanone	0.0250	0.0296	0.0305	118	122	67.0-149			3.00	20
Methylene Chloride	0.00500	0.00529	0.00540	106	108	67.0-120			2.06	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0268	0.0272	107	109	68.0-142			1.48	20
Naphthalene	0.00500	0.00563	0.00519	113	104	54.0-135			8.13	20
n-Propylbenzene	0.00500	0.00562	0.00530	112	106	77.0-124			5.86	20
Styrene	0.00500	0.00517	0.00524	103	105	73.0-130			1.34	20
1,1,1,2-Tetrachloroethane	0.00500	0.00563	0.00554	113	111	75.0-125			1.61	20
1,1,2,2-Tetrachloroethane	0.00500	0.00550	0.00534	110	107	65.0-130			2.95	20
Tetrachloroethene	0.00500	0.00604	0.00617	121	123	72.0-132			2.13	20
Toluene	0.00500	0.00565	0.00559	113	112	79.0-120			1.07	20
1,1,1-Trichloroethane	0.00500	0.00605	0.00604	121	121	73.0-124			0.165	20
1,1,2-Trichloroethane	0.00500	0.00546	0.00537	109	107	80.0-120			1.66	20
Trichloroethene	0.00500	0.00557	0.00564	111	113	78.0-124			1.25	20
1,2,4-Trimethylbenzene	0.00500	0.00569	0.00528	114	106	76.0-121			7.47	20
1,3,5-Trimethylbenzene	0.00500	0.00560	0.00531	112	106	76.0-122			5.32	20
Vinyl chloride	0.00500	0.00461	0.00496	92.2	99.2	67.0-131			7.31	20
o-Xylene	0.00500	0.00543	0.00538	109	108	80.0-122			0.925	20
m&p-Xylene	0.0100	0.0113	0.0111	113	111	80.0-122			1.79	20
Xylenes, Total	0.0150	0.0167	0.0165	111	110	79.0-123			1.20	20
(S) Toluene-d8				*101*	*98.9*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.2*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*101*	*103*	*70.0-130*				

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4199353-3 04/14/25 09:37

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

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Method Blank (MB)

(MB) R4199353-3 04/14/25 09:37

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4199353-1 04/14/25 08:26 • (LCSD) R4199353-2 04/14/25 08:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0124	0.0183	49.6	73.2	19.0-160	J	J J3	38.4	27
Benzene	0.00500	0.00476	0.00470	95.2	94.0	70.0-123			1.27	20
Bromodichloromethane	0.00500	0.00487	0.00510	97.4	102	75.0-120			4.61	20
Bromoform	0.00500	0.00413	0.00452	82.6	90.4	68.0-132			9.02	20
Bromomethane	0.00500	0.00512	0.00575	102	115	10.0-160			11.6	25
n-Butylbenzene	0.00500	0.00477	0.00505	95.4	101	73.0-125			5.70	20
sec-Butylbenzene	0.00500	0.00490	0.00500	98.0	100	75.0-125			2.02	20
Carbon disulfide	0.00500	0.00487	0.00490	97.4	98.0	61.0-128			0.614	20
Carbon tetrachloride	0.00500	0.00466	0.00475	93.2	95.0	68.0-126			1.91	20
Chlorobenzene	0.00500	0.00466	0.00496	93.2	99.2	80.0-121			6.24	20
Chlorodibromomethane	0.00500	0.00481	0.00454	96.2	90.8	77.0-125			5.78	20
Chloroethane	0.00500	0.00621	0.00670	124	134	47.0-150			7.59	20
Chloroform	0.00500	0.00470	0.00492	94.0	98.4	73.0-120	J	J	4.57	20
Chloromethane	0.00500	0.00419	0.00443	83.8	88.6	41.0-142			5.57	20
1,2-Dibromoethane	0.00500	0.00466	0.00480	93.2	96.0	80.0-122			2.96	20
1,1-Dichloroethane	0.00500	0.00492	0.00491	98.4	98.2	70.0-126			0.203	20
1,2-Dichloroethane	0.00500	0.00505	0.00482	101	96.4	70.0-128			4.66	20
1,1-Dichloroethene	0.00500	0.00472	0.00473	94.4	94.6	71.0-124			0.212	20
cis-1,2-Dichloroethene	0.00500	0.00439	0.00452	87.8	90.4	73.0-120			2.92	20
trans-1,2-Dichloroethene	0.00500	0.00459	0.00475	91.8	95.0	73.0-120			3.43	20
1,2-Dichloropropane	0.00500	0.00521	0.00532	104	106	77.0-125			2.09	20
cis-1,3-Dichloropropene	0.00500	0.00393	0.00400	78.6	80.0	80.0-123	J4		1.77	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4199353-1 04/14/25 08:26 • (LCSD) R4199353-2 04/14/25 08:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00414	0.00420	82.8	84.0	78.0-124			1.44	20
Ethylbenzene	0.00500	0.00472	0.00483	94.4	96.6	79.0-123			2.30	20
Isopropylbenzene	0.00500	0.00467	0.00498	93.4	99.6	76.0-127			6.42	20
p-Isopropyltoluene	0.00500	0.00450	0.00455	90.0	91.0	76.0-125			1.10	20
2-Butanone (MEK)	0.0250	0.0190	0.0227	76.0	90.8	44.0-160			17.7	20
2-Hexanone	0.0250	0.0194	0.0215	77.6	86.0	67.0-149			10.3	20
Methylene Chloride	0.00500	0.00449	0.00429	89.8	85.8	67.0-120	J	J	4.56	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0261	0.0268	104	107	68.0-142			2.65	20
Methyl tert-butyl ether	0.00500	0.00422	0.00434	84.4	86.8	68.0-125			2.80	20
Naphthalene	0.00500	0.00357	0.00388	71.4	77.6	54.0-135	J	J	8.32	20
n-Propylbenzene	0.00500	0.00467	0.00473	93.4	94.6	77.0-124			1.28	20
Styrene	0.00500	0.00461	0.00469	92.2	93.8	73.0-130			1.72	20
tert-Butyl alcohol	0.0250	0.0255	0.0308	102	123	27.0-160			18.8	30
1,1,1,2-Tetrachloroethane	0.00500	0.00451	0.00467	90.2	93.4	75.0-125			3.49	20
1,1,2,2-Tetrachloroethane	0.00500	0.00474	0.00488	94.8	97.6	65.0-130			2.91	20
Tetrachloroethene	0.00500	0.00554	0.00546	111	109	72.0-132			1.45	20
Toluene	0.00500	0.00506	0.00513	101	103	79.0-120			1.37	20
1,1,1-Trichloroethane	0.00500	0.00486	0.00480	97.2	96.0	73.0-124			1.24	20
1,1,2-Trichloroethane	0.00500	0.00506	0.00504	101	101	80.0-120			0.396	20
Trichloroethene	0.00500	0.00450	0.00450	90.0	90.0	78.0-124			0.000	20
1,2,4-Trimethylbenzene	0.00500	0.00464	0.00471	92.8	94.2	76.0-121			1.50	20
1,3,5-Trimethylbenzene	0.00500	0.00472	0.00466	94.4	93.2	76.0-122			1.28	20
Vinyl chloride	0.00500	0.00579	0.00586	116	117	67.0-131			1.20	20
o-Xylene	0.00500	0.00455	0.00474	91.0	94.8	80.0-122			4.09	20
m&p-Xylene	0.0100	0.00996	0.0103	99.6	103	80.0-122			3.36	20
Xylenes, Total	0.0150	0.0145	0.0150	96.7	100	79.0-123			3.39	20
(S) Toluene-d8				*105*	*107*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.9*	*100*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*103*	*103*	*70.0-130*				

Method Blank (MB)

(MB) R4199763-3 04/14/25 19:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Benzene	U		0.0000941	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
1,2-Dibromoethane	U		0.000126	0.00100
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
Ethylbenzene	U		0.000137	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
2-Hexanone	U		0.000787	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100

Method Blank (MB)

(MB) R4199763-3 04/14/25 19:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
o-Xylene	U		0.000174	0.00100
m&p-Xylene	U		0.000430	0.00200
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4199763-1 04/14/25 17:26 • (LCSD) R4199763-2 04/14/25 18:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0211	0.0194	84.4	77.6	19.0-160	J	J	8.40	27
Benzene	0.00500	0.00490	0.00454	98.0	90.8	70.0-123			7.63	20
Bromodichloromethane	0.00500	0.00482	0.00454	96.4	90.8	75.0-120			5.98	20
Bromoform	0.00500	0.00474	0.00472	94.8	94.4	68.0-132			0.423	20
Bromomethane	0.00500	0.00516	0.00541	103	108	10.0-160			4.73	25
n-Butylbenzene	0.00500	0.00519	0.00454	104	90.8	73.0-125			13.4	20
sec-Butylbenzene	0.00500	0.00487	0.00453	97.4	90.6	75.0-125			7.23	20
Carbon disulfide	0.00500	0.00498	0.00478	99.6	95.6	61.0-128			4.10	20
Carbon tetrachloride	0.00500	0.00488	0.00468	97.6	93.6	68.0-126			4.18	20
Chlorobenzene	0.00500	0.00479	0.00443	95.8	88.6	80.0-121			7.81	20
Chlorodibromomethane	0.00500	0.00497	0.00453	99.4	90.6	77.0-125			9.26	20
Chloroethane	0.00500	0.00502	0.00464	100	92.8	47.0-150		J	7.87	20
Chloroform	0.00500	0.00486	0.00470	97.2	94.0	73.0-120	J	J	3.35	20
Chloromethane	0.00500	0.00536	0.00519	107	104	41.0-142			3.22	20
1,2-Dibromoethane	0.00500	0.00486	0.00438	97.2	87.6	80.0-122			10.4	20
1,1-Dichloroethane	0.00500	0.00485	0.00476	97.0	95.2	70.0-126			1.87	20
1,2-Dichloroethane	0.00500	0.00501	0.00459	100	91.8	70.0-128			8.75	20
1,1-Dichloroethene	0.00500	0.00490	0.00470	98.0	94.0	71.0-124			4.17	20
cis-1,2-Dichloroethene	0.00500	0.00489	0.00455	97.8	91.0	73.0-120			7.20	20
trans-1,2-Dichloroethene	0.00500	0.00490	0.00462	98.0	92.4	73.0-120			5.88	20
1,2-Dichloropropane	0.00500	0.00496	0.00466	99.2	93.2	77.0-125			6.24	20
cis-1,3-Dichloropropene	0.00500	0.00497	0.00451	99.4	90.2	80.0-123			9.70	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4199763-1 04/14/25 17:26 • (LCSD) R4199763-2 04/14/25 18:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.00500	0.00483	0.00462	96.6	92.4	78.0-124			4.44	20
Ethylbenzene	0.00500	0.00478	0.00453	95.6	90.6	79.0-123			5.37	20
Isopropylbenzene	0.00500	0.00470	0.00438	94.0	87.6	76.0-127			7.05	20
p-Isopropyltoluene	0.00500	0.00506	0.00464	101	92.8	76.0-125			8.66	20
2-Butanone (MEK)	0.0250	0.0247	0.0248	98.8	99.2	44.0-160			0.404	20
2-Hexanone	0.0250	0.0237	0.0228	94.8	91.2	67.0-149			3.87	20
Methylene Chloride	0.00500	0.00486	0.00462	97.2	92.4	67.0-120	J	J	5.06	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0257	0.0241	103	96.4	68.0-142			6.43	20
Methyl tert-butyl ether	0.00500	0.00511	0.00468	102	93.6	68.0-125			8.78	20
Naphthalene	0.00500	0.00472	0.00390	94.4	78.0	54.0-135	J	J	19.0	20
n-Propylbenzene	0.00500	0.00459	0.00434	91.8	86.8	77.0-124			5.60	20
Styrene	0.00500	0.00480	0.00449	96.0	89.8	73.0-130			6.67	20
tert-Butyl alcohol	0.0250	0.0217	0.0220	86.8	88.0	27.0-160			1.37	30
1,1,1,2-Tetrachloroethane	0.00500	0.00468	0.00456	93.6	91.2	75.0-125			2.60	20
1,1,2,2-Tetrachloroethane	0.00500	0.00504	0.00436	101	87.2	65.0-130			14.5	20
Tetrachloroethene	0.00500	0.00456	0.00439	91.2	87.8	72.0-132			3.80	20
Toluene	0.00500	0.00462	0.00456	92.4	91.2	79.0-120			1.31	20
1,1,1-Trichloroethane	0.00500	0.00496	0.00459	99.2	91.8	73.0-124			7.75	20
1,1,2-Trichloroethane	0.00500	0.00489	0.00431	97.8	86.2	80.0-120			12.6	20
Trichloroethene	0.00500	0.00467	0.00466	93.4	93.2	78.0-124			0.214	20
1,2,4-Trimethylbenzene	0.00500	0.00484	0.00433	96.8	86.6	76.0-121			11.1	20
1,3,5-Trimethylbenzene	0.00500	0.00469	0.00443	93.8	88.6	76.0-122			5.70	20
Vinyl chloride	0.00500	0.00540	0.00523	108	105	67.0-131			3.20	20
o-Xylene	0.00500	0.00489	0.00457	97.8	91.4	80.0-122			6.77	20
m&p-Xylene	0.0100	0.00974	0.00921	97.4	92.1	80.0-122			5.59	20
Xylenes, Total	0.0150	0.0146	0.0138	97.3	92.0	79.0-123			5.63	20
(S) Toluene-d8				*97.5*	*98.8*	*80.0-120*				
(S) 4-Bromofluorobenzene				*100*	*101*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*99.1*	*99.2*	*70.0-130*				

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4199331-2 04/14/25 10:28

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Naphthalene	U		0.00100	0.00500
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*88.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4199331-1 04/14/25 09:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.00500	0.00513	103	54.0-135	
(S) Toluene-d8			*103*	*80.0-120*	
(S) 4-Bromofluorobenzene			*95.1*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*101*	*70.0-130*	

Released to Imaging: 6/26/2026 3:07:01 PM

Method Blank (MB)

(MB) R4200027-3 04/15/25 14:59

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Methyl tert-butyl ether	U		0.000101	0.00100
tert-Butyl alcohol	U		0.00406	0.00500
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*101*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*95.0*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4200027-1 04/15/25 13:59 • (LCSD) R4200027-2 04/15/25 14:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	0.00500	0.00519	0.00510	104	102	68.0-125			1.75	20
tert-Butyl alcohol	0.0250	0.0257	0.0274	103	110	27.0-160			6.40	30
(S) Toluene-d8				*104*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*98.3*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*97.5*	*99.7*	*70.0-130*				

Method Blank (MB)

(MB) R4195678-1 04/05/25 05:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ethylene Dibromide	U		0.00000550	0.0000200

L1842529-79 Original Sample (OS) • Duplicate (DUP)

(OS) L1842529-79 04/05/25 06:48 • (DUP) R4195678-3 04/05/25 06:34

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ethylene Dibromide	U	U	1.03	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4195678-4 04/05/25 09:07 • (LCSD) R4195678-5 04/05/25 12:07

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.000250	0.000186	0.000201	74.4	80.4	60.0-140			7.75	20

L1842618-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1842618-02 04/05/25 06:20 • (MS) R4195678-2 04/05/25 06:06

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.000108	U	0.000103	95.4	1.08	64.0-159	

Method Blank (MB)

(MB) R4197333-1 04/09/25 09:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ethylene Dibromide	U		0.00000550	0.0000200

L1842618-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1842618-22 04/09/25 10:18 • (DUP) R4197333-3 04/09/25 10:01

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ethylene Dibromide	U	U	1.07	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197333-4 04/09/25 14:28 • (LCSD) R4197333-5 04/09/25 14:47

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.000250	0.000233	0.000232	93.2	92.8	60.0-140			0.430	20

L1842618-24 Original Sample (OS) • Matrix Spike (MS)

(OS) L1842618-24 04/09/25 09:43 • (MS) R4197333-2 04/09/25 09:25

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.0000984	U	0.000120	122	1	64.0-159	

Method Blank (MB)

(MB) R4196661-1 04/08/25 11:16

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*78.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4196661-2 04/08/25 11:39 • (LCSD) R4196661-3 04/08/25 12:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.53	1.55	102	103	50.0-150			1.30	20
(S) o-Terphenyl				*89.0*	*85.5*	*52.0-156*				

Method Blank (MB)

(MB) R4197736-1 04/10/25 11:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*77.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197736-2 04/10/25 11:33 • (LCSD) R4197736-3 04/10/25 11:53

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.73	1.57	115	105	50.0-150			9.70	20
(S) o-Terphenyl				*96.0*	*94.5*	*52.0-156*				

Method Blank (MB)

(MB) R4197054-1 04/08/25 18:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*154*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197054-2 04/08/25 18:45 • (LCSD) R4197054-3 04/08/25 19:06

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.54	1.55	103	103	50.0-150			0.647	20
(S) o-Terphenyl				*142*	*152*	*52.0-156*				

Method Blank (MB)

(MB) R4197052-1 04/08/25 16:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*75.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197052-2 04/08/25 16:30 • (LCSD) R4197052-3 04/08/25 16:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.37	1.38	91.3	92.0	50.0-150			0.727	20
(S) o-Terphenyl				*88.0*	*90.5*	*52.0-156*				

Method Blank (MB)

(MB) R4197003-1 04/08/25 12:23

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*87.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197003-2 04/08/25 12:43 • (LCSD) R4197003-3 04/08/25 13:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.66	1.67	111	111	50.0-150			0.601	20
(S) o-Terphenyl				*110*	*112*	*52.0-156*				

Method Blank (MB)

(MB) R4197091-1 04/09/25 08:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*72.5*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197091-2 04/09/25 08:55 • (LCSD) R4197091-3 04/09/25 09:15

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.34	1.36	89.3	90.7	50.0-150			1.48	20
(S) o-Terphenyl				*86.5*	*89.0*	*52.0-156*				

Method Blank (MB)

(MB) R4198989-1 04/11/25 13:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*97.5*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4198989-2 04/11/25 14:00 • (LCSD) R4198989-3 04/11/25 14:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.73	1.60	115	107	50.0-150			7.81	20
(S) o-Terphenyl				*114*	*111*	*52.0-156*				

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4197589-1 04/09/25 10:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*113*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197589-2 04/09/25 11:19 • (LCSD) R4197589-3 04/09/25 11:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.49	1.52	99.3	101	50.0-150			1.99	20
(S) o-Terphenyl				*135*	*125*	*52.0-156*				

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Received by OCD: 6/15/2026 7:23:14 PM

Semi-Volatile Organic Compounds (GC) by Method 8015D L1842529-85,86,87,88,89,90,91,92,93,95,96,97,98,175,176,177,178,179,180,181

Method Blank (MB)

(MB) R4197541-1 04/09/25 23:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*92.5*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197541-2 04/09/25 23:45 • (LCSD) R4197541-3 04/10/25 00:05

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.61	1.70	107	113	50.0-150			5.44	20
(S) o-Terphenyl				*112*	*111*	*52.0-156*				

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Method Blank (MB)

(MB) R4197602-1 04/09/25 23:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*74.5*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R4197602-2 04/10/25 00:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) High Fraction	1.50	1.39	92.7	50.0-150	
(S) o-Terphenyl			*89.5*	*52.0-156*	

L1843532-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1843532-25 04/10/25 03:11 • (MS) R4197602-3 04/10/25 00:50 • (MSD) R4197602-4 04/10/25 01:11

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.43	0.0793	1.44	1.44	95.2	95.2	1	50.0-150			0.000	20
(S) o-Terphenyl					*88.9*	*89.5*		*52.0-156*				

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4198719-1 04/12/25 01:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*76.0*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R4198719-2 04/12/25 01:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) High Fraction	1.50	1.39	92.7	50.0-150	
(S) o-Terphenyl			*92.0*	*52.0-156*	

L1845646-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1845646-06 04/12/25 01:40 • (MS) R4198719-3 04/12/25 02:00 • (MSD) R4198719-4 04/12/25 02:20

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.43	0.150	1.44	1.46	90.2	91.6	1	50.0-150			1.38	20
(S) o-Terphenyl					*87.9*	*89.5*		*52.0-156*				

Released to Imaging: 6/26/2026 3:07:01 PM

Method Blank (MB)

(MB) R4196258-4 04/05/25 15:28

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.0000886	0.00100
Acenaphthylene	U		0.0000921	0.00100
Acetophenone	U		0.000208	0.0100
Anthracene	U		0.0000804	0.00100
Atrazine	U		0.000255	0.0100
Benzo(a)anthracene	U		0.000199	0.00100
Benzaldehyde	U		0.00169	0.0100
Benzo(b)fluoranthene	0.000163	J	0.000130	0.00100
Benzo(k)fluoranthene	0.000212	J	0.000120	0.00100
Benzo(g,h,i)perylene	0.000295	J	0.000121	0.00100
Benzo(a)pyrene	0.000144	J	0.0000381	0.000200
Biphenyl	U		0.000790	0.0100
Bis(2-chlorethoxy)methane	U		0.000116	0.0100
Bis(2-chloroethyl)ether	U		0.000137	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.000210	0.0100
4-Bromophenyl-phenylether	U		0.0000877	0.0100
2-Chloronaphthalene	U		0.0000648	0.00100
4-Chlorophenyl-phenylether	U		0.0000926	0.0100
Caprolactam	U		0.000309	0.0100
Carbazole	U		0.000111	0.0100
Chrysene	0.000151	J	0.000130	0.00100
Dibenz(a,h)anthracene	0.000370		0.0000644	0.000200
Dibenzofuran	U		0.0000970	0.0100
3,3-Dichlorobenzidine	U		0.000212	0.0100
2,4-Dinitrotoluene	U		0.0000983	0.0100
2,6-Dinitrotoluene	U		0.000250	0.0100
Fluoranthene	U		0.000102	0.00100
Fluorene	U		0.0000844	0.00100
Hexachlorobenzene	U		0.0000755	0.00100
Hexachloro-1,3-butadiene	U		0.0000968	0.0100
Hexachlorocyclopentadiene	U		0.0000598	0.0100
Hexachloroethane	U		0.000127	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000279	0.00100
Isophorone	U		0.000143	0.0100
1-Methylnaphthalene	U		0.0000790	0.00100
2-Methylnaphthalene	U		0.000117	0.00100
Naphthalene	U		0.000159	0.00100
Nitrobenzene	U		0.000297	0.0100
n-Nitrosodiphenylamine	U		0.00237	0.0100
n-Nitrosodi-n-propylamine	U		0.000261	0.0100

Method Blank (MB)

(MB) R4196258-4 04/05/25 15:28

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Phenanthrene	U		0.000112	0.00100
Benzylbutyl phthalate	U		0.000765	0.00300
Bis(2-ethylhexyl)phthalate	U		0.000895	0.00300
Di-n-butyl phthalate	U		0.000453	0.00300
Diethyl phthalate	U		0.000287	0.00300
Dimethyl phthalate	U		0.000260	0.00300
Di-n-octyl phthalate	U		0.000932	0.00300
Pyrene	U		0.000107	0.00100
1,2,4-Trichlorobenzene	U		0.0000698	0.0100
4-Chloro-3-methylphenol	U		0.000131	0.0100
2-Chlorophenol	U		0.000133	0.0100
2,4-Dichlorophenol	U		0.000102	0.0100
2,4-Dimethylphenol	U		0.0000636	0.0100
4,6-Dinitro-2-methylphenol	U		0.00112	0.0100
2,4-Dinitrophenol	U		0.00593	0.0100
2-Nitrophenol	U		0.000117	0.0100
2-Nitroaniline	U		0.000102	0.0100
2-Methylphenol	U		0.0000929	0.0100
3&4-Methyl Phenol	U		0.000168	0.0100
3-Nitroaniline	U		0.0000869	0.0100
4-Chloroaniline	U		0.000234	0.0100
4-Nitroaniline	U		0.0000910	0.0100
4-Nitrophenol	U		0.000143	0.0100
Pentachlorophenol	U		0.000313	0.0100
Phenol	U		0.00433	0.0100
2,4,5-Trichlorophenol	U		0.000109	0.0100
2,4,6-Trichlorophenol	U		0.000100	0.0100
(S) 2-Fluorophenol	*34.7*			*10.0-120*
(S) Phenol-d5	*22.3*			*10.0-120*
(S) Nitrobenzene-d5	*57.7*			*10.0-127*
(S) 2-Fluorobiphenyl	*60.5*			*10.0-130*
(S) 2,4,6-Tribromophenol	*46.8*			*10.0-155*
(S) p-Terphenyl-d14	*60.1*			*10.0-128*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4196258-1 04/05/25 14:24 • (LCSD) R4196258-2 04/05/25 14:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0500	0.0301	0.0274	60.2	54.8	41.0-120			9.39	22
Acenaphthylene	0.0500	0.0323	0.0296	64.6	59.2	43.0-120			8.72	22
Acetophenone	0.0500	0.0257	0.0253	51.4	50.6	29.0-120			1.57	28
Anthracene	0.0500	0.0308	0.0267	61.6	53.4	45.0-120			14.3	20
Atrazine	0.0500	0.0389	0.0321	77.8	64.2	39.0-141			19.2	20
Benzo(a)anthracene	0.0500	0.0351	0.0274	70.2	54.8	47.0-120		J3	24.6	20
Benzaldehyde	0.0500	0.0583	0.0556	117	111	10.0-160			4.74	40
Benzo(b)fluoranthene	0.0500	0.0331	0.0264	66.2	52.8	46.0-120		J3	22.5	20
Benzo(k)fluoranthene	0.0500	0.0323	0.0264	64.6	52.8	46.0-120			20.1	21
Benzo(g,h,i)perylene	0.0500	0.0362	0.0293	72.4	58.6	48.0-121		J3	21.1	20
Benzo(a)pyrene	0.0500	0.0319	0.0258	63.8	51.6	47.0-120		J3	21.1	20
Biphenyl	0.0500	0.0289	0.0273	57.8	54.6	38.0-120			5.69	27
Bis(2-chlorethoxy)methane	0.0500	0.0241	0.0238	48.2	47.6	33.0-120			1.25	24
Bis(2-chloroethyl)ether	0.0500	0.0249	0.0238	49.8	47.6	23.0-120			4.52	33
2,2-Oxybis(1-Chloropropane)	0.0500	0.0233	0.0216	46.6	43.2	28.0-120			7.57	31
4-Bromophenyl-phenylether	0.0500	0.0336	0.0294	67.2	58.8	45.0-120			13.3	20
2-Chloronaphthalene	0.0500	0.0284	0.0266	56.8	53.2	37.0-120			6.55	25
4-Chlorophenyl-phenylether	0.0500	0.0315	0.0283	63.0	56.6	44.0-120			10.7	20
Caprolactam	0.0500	0.0112	0.00904	22.4	18.1	10.0-120		J	21.3	26
Carbazole	0.0500	0.0346	0.0292	69.2	58.4	51.0-122			16.9	20
Chrysene	0.0500	0.0327	0.0260	65.4	52.0	48.0-120		J3	22.8	20
Dibenz(a,h)anthracene	0.0500	0.0375	0.0303	75.0	60.6	47.0-120		J3	21.2	20
Dibenzofuran	0.0500	0.0302	0.0274	60.4	54.8	44.0-120			9.72	22
3,3-Dichlorobenzidine	0.100	0.0696	0.0577	69.6	57.7	44.0-120			18.7	20
2,4-Dinitrotoluene	0.0500	0.0357	0.0314	71.4	62.8	49.0-124			12.8	20
2,6-Dinitrotoluene	0.0500	0.0338	0.0298	67.6	59.6	46.0-120			12.6	21
Fluoranthene	0.0500	0.0370	0.0308	74.0	61.6	51.0-120			18.3	20
Fluorene	0.0500	0.0304	0.0265	60.8	53.0	47.0-120			13.7	20
Hexachlorobenzene	0.0500	0.0312	0.0279	62.4	55.8	44.0-120			11.2	20
Hexachloro-1,3-butadiene	0.0500	0.0237	0.0227	47.4	45.4	19.0-120			4.31	32
Hexachlorocyclopentadiene	0.0500	0.0180	0.0160	36.0	32.0	15.0-120			11.8	31
Hexachloroethane	0.0500	0.0220	0.0215	44.0	43.0	15.0-120			2.30	37
Indeno(1,2,3-cd)pyrene	0.0500	0.0377	0.0302	75.4	60.4	49.0-122		J3	22.1	20
Isophorone	0.0500	0.0257	0.0246	51.4	49.2	36.0-120			4.37	23
1-Methylnaphthalene	0.0500	0.0273	0.0250	54.6	50.0	33.0-120			8.80	24
2-Methylnaphthalene	0.0500	0.0267	0.0248	53.4	49.6	33.0-120			7.38	25
Naphthalene	0.0500	0.0233	0.0226	46.6	45.2	27.0-120			3.05	27
Nitrobenzene	0.0500	0.0252	0.0248	50.4	49.6	27.0-120			1.60	29
n-Nitrosodiphenylamine	0.0500	0.0308	0.0274	61.6	54.8	47.0-120			11.7	20
n-Nitrosodi-n-propylamine	0.0500	0.0237	0.0219	47.4	43.8	31.0-120			7.89	28

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4196258-1 04/05/25 14:24 • (LCSD) R4196258-2 04/05/25 14:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Phenanthrene	0.0500	0.0310	0.0263	62.0	52.6	46.0-120			16.4	20
Benzylbutyl phthalate	0.0500	0.0315	0.0265	63.0	53.0	43.0-121			17.2	20
Bis(2-ethylhexyl)phthalate	0.0500	0.0308	0.0239	61.6	47.8	43.0-122		J3	25.2	20
Di-n-butyl phthalate	0.0500	0.0338	0.0282	67.6	56.4	49.0-121			18.1	20
Diethyl phthalate	0.0500	0.0335	0.0285	67.0	57.0	48.0-122			16.1	20
Dimethyl phthalate	0.0500	0.0347	0.0305	69.4	61.0	48.0-120			12.9	20
Di-n-octyl phthalate	0.0500	0.0322	0.0254	64.4	50.8	42.0-125		J3	23.6	20
Pyrene	0.0500	0.0304	0.0256	60.8	51.2	47.0-120			17.1	20
1,2,4-Trichlorobenzene	0.0500	0.0258	0.0247	51.6	49.4	24.0-120			4.36	29
4-Chloro-3-methylphenol	0.0500	0.0266	0.0253	53.2	50.6	40.0-120			5.01	21
2-Chlorophenol	0.0500	0.0200	0.0201	40.0	40.2	25.0-120			0.499	35
2,4-Dichlorophenol	0.0500	0.0263	0.0255	52.6	51.0	36.0-120			3.09	26
2,4-Dimethylphenol	0.0500	0.0232	0.0226	46.4	45.2	33.0-120			2.62	26
4,6-Dinitro-2-methylphenol	0.0500	0.0389	0.0345	77.8	69.0	38.0-138			12.0	25
2,4-Dinitrophenol	0.0500	0.0324	0.0259	64.8	51.8	10.0-120			22.3	39
2-Nitrophenol	0.0500	0.0287	0.0281	57.4	56.2	31.0-120			2.11	29
2-Nitroaniline	0.0500	0.0334	0.0307	66.8	61.4	43.0-120			8.42	22
2-Methylphenol	0.0500	0.0189	0.0183	37.8	36.6	28.0-120			3.23	29
3&4-Methyl Phenol	0.0500	0.0198	0.0188	39.6	37.6	31.0-120			5.18	30
3-Nitroaniline	0.0500	0.0307	0.0245	61.4	49.0	38.0-120		J3	22.5	21
4-Chloroaniline	0.0500	0.0194	0.0130	38.8	26.0	25.0-120		J3	39.5	25
4-Nitroaniline	0.0500	0.0347	0.0280	69.4	56.0	18.0-160		J3	21.4	21
4-Nitrophenol	0.0500	0.0147	0.0123	29.4	24.6	10.0-120			17.8	33
Pentachlorophenol	0.0500	0.0239	0.0200	47.8	40.0	23.0-120			17.8	25
Phenol	0.0500	0.0109	0.0101	21.8	20.2	10.0-120			7.62	36
2,4,5-Trichlorophenol	0.0500	0.0340	0.0312	68.0	62.4	44.0-120			8.59	22
2,4,6-Trichlorophenol	0.0500	0.0320	0.0304	64.0	60.8	42.0-120			5.13	23
(S) 2-Fluorophenol				*35.1*	*33.7*	*10.0-120*				
(S) Phenol-d5				*22.9*	*21.2*	*10.0-120*				
(S) Nitrobenzene-d5				*57.3*	*56.8*	*10.0-127*				
(S) 2-Fluorobiphenyl				*65.5*	*61.0*	*10.0-130*				
(S) 2,4,6-Tribromophenol				*66.0*	*60.0*	*10.0-155*				
(S) p-Terphenyl-d14				*66.3*	*53.6*	*10.0-128*				

Method Blank (MB)

(MB) R4197376-3 04/05/25 01:59

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,4-Dioxane	U		0.000300	0.000400
(S) Nitrobenzene-d5	*35.1*			*10.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4197376-1 04/05/25 01:21 • (LCSD) R4197376-2 04/05/25 01:40

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,4-Dioxane	0.0500	0.0506	0.0519	101	104	73.0-146			2.54	20
(S) Nitrobenzene-d5				*48.1*	*61.9*	*10.0-120*				

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4199023-3 04/12/25 13:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,4-Dioxane	U		0.000300	0.000400
(S) Nitrobenzene-d5	*66.5*			*10.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4199023-1 04/12/25 12:37 • (LCSD) R4199023-2 04/12/25 12:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,4-Dioxane	0.0500	0.0103	0.0105	20.6	21.0	73.0-146	J4	J4	1.92	20
(S) Nitrobenzene-d5				*79.1*	*78.7*	*10.0-120*				

Released to Imaging: 6/26/2026 3:07:01 PM

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.

Qualifier	Description
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
T8	Sample(s) received past/too close to holding time expiration.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): - HMF FOR M
Immediately Packed on Ice N___ Y✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 1 of 29

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab: LF6425529
K204

Table #

Acctnum: TRCATX
Template: T206300
Prelogin: P1140215
TSR: 526
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Remarks	Sample # (lab only)
MW-6A	Grab	GW		4/1/25	830	10	x	x	x	x	x	x				-01
MW-6B	Grab	GW		4/1/25	910	10	x	x	x	x	x	x				-02
~~MW-85~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x			NOT SAMPLED; LAMBL	
~~MW-86~~	~~Grab~~	~~GW~~				11	x	x	x		x	x	x	x	NOT SAMPLED; LAMBL	
MW-120	Grab	GW		4/1/25	950	10	x	x	x	x	x	x				-03
MW-121	Grab	GW		4/1/25	1030	10	x	x	x	x	x	x				-04
MW-84	Grab	GW				10	x	x	x	x	x	x				
MW-122	Grab	GW		4/1/25	1320	10	x	x	x	x	x	x				-05
MW-81	Grab	GW		4/1/25	1110	10	x	x	x	x	x	x				-06
MW-80	Grab	GW		4/1/25	1150	10	x	x	x	x	x	x				-07

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via:
___ UPS ✓ FedEx ___ Courier

Tracking # Multi

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y / N
COC Signed/Accurate:		Y / N
Bottles arrive intact:		Y / N
Correct bottles used:		Y / N
Sufficient volume sent:		Y / N
If Applicable		
VOA Zero Headspace:		Y / N
Preservation Correct/Checked:		Y / N

	Date:	Time:			
Relinquished by: (Signature)	4/1/25	1700	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 31	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/2/25 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	Pres Chk
Report to: Julie Speer	Email To: jspeer@trccompanies.com	
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM	
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA	
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)	P.O. #
Collected by (signature): Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed	Quote #

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	**NO3,Cl,NO2,F,SO4** - 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH			Remarks	Sample # (lab only)
MW-79	Grab	GW		4/1/25	1230	10	x	x	x	x	x	x						-06
MW-82	Grab	GW				10	x	x	x	x	x	x						
MW-74	Grab	GW				10	x	x	x	x	x	x						
MW-73	Grab	GW				10	x	x	x	x	x	x						
MW-2A	Grab	GW		4/1/25	1400	10	x	x	x	x	x	x						-09
MW-72	Grab	GW		4/1/25	1450	10	x	x	x	x	x	x						-10
OCD-6	Grab	GW				10	x	x	x	x	x	x						
OCD-7AR	Grab	GW				10	x	x	x	x	x	x						
OCD-7B	Grab	GW				10	x	x	x	x	x	x						
RW-#15C	Grab	GW				8	x	x		x	x	x						

Chain of Custody Page 2 of 2

Pace Analytical*
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LK042529

Table #

Acctnum: TRCATX

Template: T206300

Prelogin: P1140215

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned Via: _UPS ✓FedEx __Courier

Tracking # 7[illegible]

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	4/1/25	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			[illegible]

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: [illegible] °C Bottles Received: 297

Date: 4/2/25 Time: 0900

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 1 of 29

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1647529

Table #

Acctnum: TRCATX

Template: T206300

Prelogin: P1140215

TSR: 526

PB:

Shipped Via:

Remarks	Sample # (lab only)

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): [signature] - HMI Team
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	**NO3,Cl,NO2,F,SO4** 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH				
MW-48	Grab	GW				10	x	x	x	x	x	x						
MW-130	Grab	GW				10	x	x	x	x	x	x						
KWB-4	Grab	GW				8	x	x		x	x	x						
RW-19	Grab	GW				8	x	x		x	x	x						
EB-EP-01	Grab	GW				10	x	x	x	x	x	x						
EB-EP-04	Grab	GW		4/1/25	1245	10	x	x	x	x	x	x						-11
TRIP BLANK-EP-01	Grab	GW				1	x											

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ____

Tracking # 7741

Sample Receipt Checklist
COC Seal Present/Intact: ___ NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR	
[signature]	4/1/25	1700			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MU11 °C	Bottles Received: 751
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 4/2/25	Time: 0905

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature): Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No of Cntrs

Analysis / Container / Preservative

Chain of Custody Page 5 of 29

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab: LR647529

Table #

Acctnum: TRCATX

Template: T206302

Prelogin: P1140216

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Remarks	Sample # (lab only)
MW-76	Grab	GW				10	x	x	x	x	x	x				
MW-77	Grab	GW				10	x	x	x	x	x	x				
MW-78	Grab	GW				10	x	x	x	x	x	x				
MW-75	Grab	GW				10	x	x	x	x	x	x				
MW-83	Grab	GW				10	x	x	x	x	x	x				
MW-3	Grab	GW				10	x	x	x	x	x	x				
MW-88	Grab	GW		4/1/25	835	10	x	x	x	x	x	x				-12
MW-22A	Grab	GW		4/1/25	910	10	x	x	x	x	x	x				-13
MW-22B	Grab	GW		4/1/25	945	10	x	x	x	x	x	x				-14
MW-10	Grab	GW		4/1/25	1025	10	x	x	x	x	x	x				-15

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Biosolid
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via: ___ UPS ✓ FedEx ___ Courier ____

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles Arrive Intact: ___Y ___N
Correct Bottles Used: ___Y ___N
Sufficient Volume Sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

	Date:	Time:		
Relinquished by: (Signature)	4/1/25	1700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature)			Received by: (Signature)	Temp: Multi °C Bottles Received: 751
Relinquished by: (Signature)			Received for lab by: (Signature)	Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Immediately Packed on Ice: N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 3 of 23

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # LK042529

Table #

Acctnum: TRCATX

Template: T206302

Prelogin: P1140216

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH			Remarks	Sample # (lab only)
MW-123	Grab	GW		4/1/25	1105	10	x	x	x	x	x	x						-16
MW-4A	Grab	GW		4/1/25	1155	10	x	x	x	x	x	x						-17
MW-4B	Grab	GW		4/1/25	1235	10	x	x	x	x	x	x						-18
MW-5A	Grab	GW				10	x	x	x	x	x	x						
MW-5B	Grab	GW				10	x	x	x	x	x	x						
MW-5C	Grab	GW				10	x	x	x	x	x	x						
MW-7A	Grab	GW				10	x	x	x	x	x	x						
MW-7B	Grab	GW				10	x	x	x	x	x	x						
OCD-8A	Grab	GW				11	x	x	x		x	x	x	x				
OCD-8B						10	x	x	x	x	x	x						

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Biossay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
__ UPS ✓ FedEx __ Courier

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles Arrive Intact: Y N
Correct Bottles Used: Y N
Sufficient Volume Sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	4/1/25	1700		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 751
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Evelyn Ortiz	Date: Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature): [signature] - HMI Team
Immediately Packed on Ice: N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Quote #

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Remarks	Sample # (lab only)
DUP-EP-01	Grab	GW				10	x	x	x	x	x	x				-19
DUP-EP-02	Grab	GW		4/1/25	1100	10	x	x	x	x	x	x				
DUP-EP-03	Grab	GW				10	x	x	x	x	x	x				
EB-EP-03	Grab	GW				10	x	x	x	x	x	x				
TRIP BLANK-EP-02	Grab	GW				1	x									

Analysis / Container / Preservative

Chain of Custody Page 5 of 23

Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab: L1842529

Table #

Acctnum: TRCATX

Template: T206302

Prelogin: P1140216

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via:
___ UPS ___ FedEx ___ Courier ___

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
[signature]	4/1/25	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			[signature]

Trip Blank Received: Yes / No
HCl / MeoH
TBR

Temp: Multi °C Bottles Received: 751

Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature): Immediately Packed on Ice - N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Remarks	Sample # (lab only)
KWB-P4	Grab	GW				5	x	X	x	2405						
MW-25	Grab	GW		4/1/25	1400	8	x	x		x	x	x				-20
MW-1R	Grab	GW		4/1/25	1450	8	x	x		x	x	x				-21
MW-15	Grab	GW				10	x	x	x	x	x	x				
OCD-1R	Grab	GW		4/1/25	1310	10	x	x	x	x	x	x				-22
OCD-2A	Grab	GW		4/1/25	1225	10	x	x	x	x	x	x				-23
OCD-3	Grab	GW		4/1/25	1020	10	x	x	x	x	x	x				-24
OCD-4	Grab	GW		4/1/25	940	10	x	x	x	x	x	x				-25
MW-11A	Grab	GW		4/1/25	1100	10	x	x	x	x	x	x				-26
MW-11B	Grab	GW		4/1/25	1140	10	x	x	x	x	x	x				-27

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace Analytical
National Center for Testing & Innovation

13065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # L1542529

Table #

Acctnum: TRCATX

Template: T206304

Prelogin: P1140217

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ____

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: ___NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature) — Date: 4/1/25 — Time: 1700 — Received by: (Signature)

Trip Blank Received: Yes / No HCL / MeoH TBR

Relinquished by: (Signature) — Date: — Time: — Received by: (Signature)

Temp: Meoh °C — Bottles Received: 75

If preservation required by Login: Date/Time

Relinquished by: (Signature) — Date: — Time: — Received for lab by: (Signature) Evelyn Orpin — Date: 4/2/25 — Time: 0900

Hold:

Condition: NCF / OK

Chain of Custody Page 8 of 29

Pace Analytical®

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1842529

Table #

Acctnum: TRCATX

Template: T206304

Prelogin: P1140217

TSR: 526

PB:

Shipped Via:

Company / Address	Billing Information	Pres Chk
TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	

Report to:	Email To:
Julie Speer	jspeer@trccompanies.com

Project Description:	City/State Collected:
Artesia Spring 2025	Artesia, NM

Phone: / Fax:	Client Project #	Lab Project #
512-684-3170		TRCATX-ARTESIA

Collected by (print):	Site/Facility ID #	P.O. #
Scott Ude/HMI Team	(Navajo - Artesia)	

Collected by (signature):	Rush? (Lab MUST Be Notified)	Quote #
[signature] - HMT TDtm	___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	

Immediately Packed on Ice N ___ Y ✓

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	RO Diss. Metals - Field Filtered			
OCD-5	Grab	GW		4/1/25	900	10	x	x	x	x	x	x						-29
MW-87	Grab	GW				10	x	x	x	x	x	x						
MW-18A	Grab	GW				9	x	x		x	x	x	x	x				
MW-18B	Grab	GW				10	x	x	x	x	x	x						
MW-70	Grab	GW				10	x	x	x	x	x	x						
MW-124	Grab	GW				10	x	x	x	x	x	x						
MW-52	Grab	GW				11	x	x	x		x	x	x	x				
MW-109	Grab	GW				10	x	x	x	x	x	x						
MW-110	Grab	GW				10	x	x	x	x	x	x						
MW-140	Grab	GW				4					x	x	x		x			

Analysis / Container / Preservative

Chain of Custody Page 8 of 29

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other _____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: ___UPS ✓FedEx ___Courier _____

Tracking # [illegible]

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
[signature]	4/1/25	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Easton Dam

Trip Blank Received: Yes / No
HCl / MeOH
TBR

Temp: Mult °C Bottles Received: 31

Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature): Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	RO Diss. Metals - Field Filtered		Remarks	Sample # (lab only)
MW-141	Grab	GW				4	x				x	x	x		x			
EB-EP-02	Grab	GW				10	x	x	x	x	x	x						
TRIP BLANK EP-03	Grab	GW		4/1/25	—	1	x											-29

Chain of Custody Page 3 of 3

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National Center for Testing & Innovation

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LA42579

Table #

Acctnum: TRCATX

Template: T206304

Prelogin: P1140217

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Biossay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
__ UPS ✓ FedEx __ Courier: ____

Tracking # MVH

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles Arrive Intact: Y N
Correct Bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	
	4/1/25	1700			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MVH °C	Bottles Received: 75
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Dyer	Date: 4/2/25	Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 10 of 29

Pace Analytical

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L#: L1647529

Table #

Acctnum: TRCATX

Template: T206307

Prelogin: P1140224

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project #
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature): HMI-PDM	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Immediately Packed on Ice N___ Y ✓	Date Results Needed

Lab Project #: TRCATX-ARTESIA

P.O. #

Quote #

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
RW-12R	Grab	GW				8	x	x		x	x	x						
MW-113	Grab	GW				10	x	x	x	x	x	x						
~~KWB-9~~	~~Grab~~	~~GW~~				~~9~~	~~x~~	~~x~~			~~x~~	~~x~~	~~x~~	~~x~~	NOT Sampled; Dry			
~~RW-22~~	~~Grab~~	~~GW~~				~~8~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~	NOT Sampled; Dry					
~~RW-20A~~	~~Grab~~	~~GW~~				~~8~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~	NOT Sampled; Dry					
~~RW-20B~~	~~Grab~~	~~GW~~				~~8~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~	NOT Sampled; Dry					
RW-13R	Grab	GW				13	x	x		x	x	x			x	x		
~~RW-14R~~	~~Grab~~	~~GW~~				~~8~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~	NOT Sampled; Dry					
~~MW-133~~	~~Grab~~	~~GW~~				~~10~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~		NOT Sampled; Dry				
MW-114	Grab	GW				10	x	x	x	x	x	x	x					

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: ___ UPS ✓ FedEx ___ Courier _____

Tracking # 4414

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y	N
COC Signed/Accurate:		Y	N
Bottles arrive intact:		Y	N
Correct bottles used:		Y	N
Sufficient volume sent:		Y	N
If Applicable			
VOA Zero Headspace:		Y	N
Preservation Correct/Checked:		Y	N

Relinquished by: (Signature)	Date: 4/1/25	Time: 1700	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Dinn

Trip Blank Received: Yes / No HCL / MeoH TBR

Temp: 4414 °C Bottles Received: 751

Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature): - HMI Team
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Cations only - 250mlHDPE-HNO3	Remarks	Sample # (lab only)
RA-4196R	Grab	GW		4/1/25	1315	6	x				x	x			x		-30
RA-3156	Grab	GW				6	x				x	x			x	NOT SAMPLED	
RA-313	Grab	GW				6	x				x	x			x		
KWB-7	Grab	GW				9	x	x			x	x	x	x		NOT SAMPLED, LNAPL	
MW-20	Grab	GW				8	x	x		x	x	x					
NP-1	Grab	GW				6	x				x	x			x		
NP-6	Grab	GW				3	x										
MW-8	Grab	GW				10	x	x	x	x	x	x					
MW-21	Grab	GW				10	x	x	x	x	x	x					
MW-71	Grab	GW				9	x	x			x	x	x	x			

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via: _ UPS ✓ FedEx __ Courier

Tracking # 9th

Relinquished by: (Signature) — Date: 4/1/25 — Time: 1700 — Received by: (Signature)

Relinquished by: (Signature) — Date: — Time: — Received by: (Signature)

Relinquished by: (Signature) — Date: — Time: — Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: MVH °C Bottles Received: 75

Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: NP / Y / N
COC Signed/Accurate: Y / N
Bottles arrive intact: Y / N
Correct bottles used: Y / N
Sufficient volume sent: Y / N
If Applicable
VOA Zero Headspace: Y / N
Preservation Correct/Checked: Y / N

Chain of Custody Page 11 of 23

Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1647529

Table #

Acctnum: TRCATX
Template: T206307
Prelogin: P1140224
TSR: 526
PB:

Shipped Via:

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): [signature] - HMI Team
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Remarks	Sample # (lab only)
MW-151	Grab	GW				7	x	x	x							
MW-152	Grab	GW				7	x	x	x							
MW-153	Grab	GW				7	x	x	x							
MW-154	Grab	GW				7	x	x	x							
MW-155	Grab	GW				7	x	x	x							
MW-156	Grab	GW				7	x	x	x							
~~MW-66~~	Grab	GW				8	x	x		x	x	x			Not sampled; effectively dry	
MW-27	Grab	GW		4/1/25	1155	8	x	x		x	x	x				31
MW-89	Grab	GW		4/1/25	1105	8	x	x		x	x	x				32
~~MW-16~~	Grab	GW				8	x	x		x	x	x			Not sampled; PSA	

Chain of Custody Page 12 of 29

Pace Analytical*
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # L1842529

Table #

Acctnum: TRCATX

Template: T206307

Prelogin: P1140224

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via:
___ UPS ✓ FedEx ___ Courier ___

Tracking # MxN

Sample Receipt Checklist
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
[signature]	4/1/25	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Easton Dyer

Trip Blank Received: Yes / No
HCl / MeoH
TBR

Temp: MxH °C Bottles Received: 151

Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): GU - HMI TEAM
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered			Sample # (lab only)
MW-26	Grab	GW		4/1/25	1020	8	x	x		x	x	x						-33
KWB-11A	Grab	GW		4/1/25	845	11	x	x	x		x	x	x	x				-34
KWB-11B	Grab	GW		4/1/25	930	11	x	x	x		x	x	x	x				-35
MW-115	Grab	GW				11	x	x	x		x	x	x		x			
MW-114	Grab	GW				11	x	x	x		x	x	x		x			
MW-125	Grab	GW				11	x	x	x		x	x	x		x			
DUP-REST-01	Grab	GW				10	x	x	x	x	x	x						
EB-REST-01	Grab	GW				10	x	x	x	x	x	x						
DUP-REST-03	Grab	GW				10	x	x	x		x	x	x					
EB-REST-03	Grab	GW				10	x	x	x		x	x	x					

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Biossay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via:
___ UPS ✓ FedEx ___ Courier ___

Tracking # MUH

Relinquished by: (Signature) GU — Date: 4/1/25 — Time: 1700 — Received by: (Signature)

Relinquished by: (Signature) — Date — Time — Received by: (Signature)

Relinquished by: (Signature) — Date — Time — Received for lab by: (Signature)

Trip Blank Received: Yes / No — HCl / MeoH — TBR

Temp: MUH °C — Bottles Received: 151

Date: 4/2/25 — Time: 0900

If preservation required by Login: Date/Time

Hold

Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: ___ NP ___ Y ___ N
COC Signed/Accurate: ___ Y ___ N
Bottles arrive intact: ___ Y ___ N
Correct bottles used: ___ Y ___ N
Sufficient volume sent: ___ Y ___ N
If Applicable
VOA Zero Headspace: ___ Y ___ N
Preservation Correct/Checked: ___ Y ___ N

Chain of Custody Page 13 of 29

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LR642529

Table #

Acctnum: TRCATX
Template: T206307
Prelogin: P1140224
TSR: 526
PB:
Shipped Via:

Remarks

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature): - HMI TEAM
Immediately Packed on Ice N___ Y✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4" 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered			Remarks	Sample # (lab only)
TRIP BLANK-REST-01	Grab	GW				1	X												
TRIP BLANK-TMD-01	Grab	GW				1	X												

Analysis / Container / Preservative

Chain of Custody Page 14 of 29

Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # L847529

Table #

Acctnum: TRCATX

Template: T206307

Prelogin: P1140224

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via
___ UPS ✓ FedEx ___ Courier ___

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
	4/1/25	1700		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 751
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Evelyn Ortiz	Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres / Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): - HMI TRCA

Immediately Packed on Ice N ___ Y ✓

RushA7 (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals / CN	Diss. RO Metals - Field Filtered	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-117	Grab	GW				11	x	x	x		x	x	x	x			No CN	
MW-118	Grab	GW				11	x	x	x		x	x	x	x			No CN	
MW-119	Grab	GW				11	x	x	x		x	x	x	x			No CN	
NP-5	Grab	GW				8	x	x		x	x	x						
MW-136	Grab	GW				11	x	x	x		x	x	x					
~~MW-126A~~	~~Grab~~	~~GW~~				~~10~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	NOT SAMPLED; LVMPL					
MW-126B	Grab	GW		4/1/25	1205	10	x	x	x	x	x	x						-BL
~~MW-127~~	~~Grab~~	~~GW~~				~~15~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~			~~x~~	~~x~~	NOT SAMPLED, LVMPL	
MW-129	Grab	GW				10	x	x	x	x	x	x						
~~KWB-1A~~	~~Grab~~	~~GW~~				~~9~~	~~x~~	~~x~~			~~x~~	~~x~~	~~x~~	NOT SAMPLED, LVMPL				

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ____

Tracking # MVH

Sample Receipt Checklist
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	4/1/25	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Evan Dyer

Trip Blank Received: Yes / No
HCl / MeoH
TSR

Temp: MVH °C Bottles Received: 75

Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 15 of 28

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # LX847579

Table #

Acctnum: TRCATX
Template: T206383
Prelogin: P1140226
TSR: 526
PB:

Shipped Via:

Chain of Custody — Page 1 of 2

Pace Analytical® — National Center for Testing & Innovation

12065 Lebanon Rd, Mount Juliet, TN 37122 — Phone: 615-758-5858 — Phone: 800-767-5859 — Fax: 615-758-5859

L# LR642529

Table #

Acctnum: TRCATX

Template: T206383

Prelogin: P1140226

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature): [signature] - HMI Team
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
KWB-1C	Grab	GW		4/1/25	1010	8	x	x		x	x	x						-37
~~KWB-10R~~	~~Grab~~	~~GW~~				~~10~~	x	x		x	x	x				x	NOT SAMPLED, LMTRL	
MW-131	Grab	GW				10	x	x	x	x	x	x						
KWB-5	Grab	GW				8	x	x		x	x	x						
MW-111	Grab	GW				15	x	x	x	x	x	x			x	x		
KWB-6	Grab	GW				13	x	x		x	x	x			x	x		
MW-112	Grab	GW				10	x	x	x	x	x	x						
MW-132	Grab	GW				10	x	x	x	x	x	x						
~~MW-57~~	~~Grab~~	~~GW~~				~~10~~	x	x	x	x	x	x		NOT	COMPLETED,	LMTRL		
~~RW-#11-0~~	~~Grab~~	~~GW~~				~~8~~	x	x		x	x	x		NOT	SAMPLED;	DRY		

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other ___

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via:
___ UPS ___ FedEx ___ Courier ___

Tracking # Multi

Sample Receipt Checklist

COC Seal Present/Intact:	Y	N
COC Signed/Accurate:	Y	N
Bottles arrive intact:	Y	N
Correct bottles used:	Y	N
Sufficient volume sent:	Y	N
If Applicable		
VOA Zero Headspace:	Y	N
Preservation Correct/Checked:	Y	N

	Date:	Time:		
Relinquished by: (Signature) [signature]	4/1/25	1700	Received by: (Signature)	Trip Blank Received: Yes / No; HCl / MeoH; TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C; Bottles Received: 751; If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Dyer	Date: 4/2/25; Time: 0900; Hold: ; Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature): Immediately Packed on Ice N___ Y___ ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered	Cations only - 250mlHDPE-HNO3	Remarks	Sample # (lab only)
~~KWB-12A~~	~~Grab~~	~~GW~~				11	x	x	x		x	x	x	x	NOT	SAMPLED	Only	
KWB-12B	Grab	GW		4/1/25	1135	11	x	x	x		x	x	x	x				-38
KWB-2R	Grab	GW				8	x	x		x	x	x						
MW-58	Grab	GW				9	x	x			x	x	x	x				
KWB-13	Grab	GW		4/1/25	1235	9	x	x			x	x	x	x				-39
MW-160	Grab	GW		4/1/25	1125	7	x	x	x									-40
MW-161	Grab	GW		4/1/25	1400	7	x	x	x									-41
MW-162	Grab	GW				4					x	x			x	x		
MW-149	Grab	GW		4/1/25	955	8	x	x		x	x	x						-42
MW-150	Grab	GW		4/1/25	1045	8	x	x		x	x	x						-43

Chain of Custody Page 17 of 29

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # LAB27529

Table #

Acctnum: TRCATX

Template: T206383

Prelogin: P1140226

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Biossay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier

Tracking # Multi

Sample Receipt Checklist:
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	4/1/25	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Esther Ogen

Trip Blank Received: Yes / No
HCL / MeOH
TBR

Temp: MeH °C Bottles Received: 761

Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): - HMI TEAM

Immediately Packed on Ice N___ Y✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered		Remarks	Sample # (lab only)
MW-142	Grab	GW				4					x	x	x		x			
MW-143	Grab	GW				4					x	x	x		x			
MW-163	Grab	GW				4					x	x	x	GW3	x			
DUP-REST-05	Grab	GW		4/1/25	800	11	x	x	x		x	x	x	x				-44
EB-REST-05	Grab	GW		4/1/25	1155	11	x	x	x		x	x	x	x				-45
TRIP BLANK-REST-02	Grab	GW		4/1/25	—	1	x											-46

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via: ✓UPS ___ FedEx ___ Courier

Tracking # MWH

Relinquished by: (Signature) — Date: 4/1/25 — Time: 1700

Received by: (Signature)

Trip Blank Received: Yes / No — HCL / MeoH — TBR

Relinquished by: (Signature) — Date: — Time:

Received by: (Signature)

Temp: MVH °C — Bottles Received: 75

If preservation required by Login: Date/Time

Relinquished by: (Signature) — Date: — Time:

Received for lab by: (Signature) Easton Dye — Date: 4/2/25 — Time: 0900

Hold:

Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles Arrive Intact: Y N
Correct Bottles Used: Y N
Sufficient Volume Sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Chain of Custody Page 18 of 24

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # LRC42529

Table #

Acctnum: TRCATX

Template: T206383

Prelogin: P1140226

TSR: 526

PB:

Shipped Via:

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	Pres Chk
Report to: Julie Speer	Email To: jspeer@trccompanies.com	
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM	
Phone: 512-684-3170 Fax:	Client Project #	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)	P.O. #
Collected by (signature): SU - HMI Team Immediately Packed on Ice N___ Y✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed	Quote #

Chain of Custody Page 1 of 2

Pace Analytical
National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L847527

Table #

Acctnum: TRCATX

Template: T206426

Prelogin: P1140286

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Ctnrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Remarks	Sample # (lab only)
MW-103	Grab	GW				10	x	x	x	x	x	x				
MW-104	Grab	GW				10	x	x	x	x	x	x				
MW-64	Grab	GW				10	x	x	x	x	x	x				
MW-65	Grab	GW				10	x	x	x	x	x	x				
RW-5R	Grab	GW				8	x	x		x	x	x				
MW-102	Grab	GW				10	x	x	x	x	x	x				
RW-4	Grab	GW				8	x	x		x	x	x				
RW-6	Grab	GW				8	x	x		x	x	x				
MW-99	Grab	GW				10	x	x	x	x	x	x				
MW-66	Grab	GW				11	x	x	x		x	x	x	x		

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Biosolid
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
___ UPS ___ FedEx ___ Courier _____

Tracking # MWH

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date: 4/1/25	Time: 1700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MWH °C	Bottles Received: 751
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/2/25	Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #
Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #

Collected by (signature): Immediately Packed on Ice N___ Y✓
Rush? (Lab MUST Be Notified) ___Same Day ___Five Day ___Next Day ___5 Day (Rad Only) ___Two Day ___10 Day (Rad Only) ___Three Day
Date Results Needed
Quote #

Chain of Custody Page 20 of 29

Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # LR642529
Table #
Acctnum: TRCATX
Template: T206426
Prelogin: P1140286
TSR: 526
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals / Cyanide	Diss. RO Metals - Field Filtered	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-28	Grab	GW				13	x	x	x		x	x	x			x		
MW-59	Grab	GW				10	x	x	x	x	x	x						
MW-60	Grab	GW				16	x	x	x		x	x	x		x	x		
MW-107	Grab	GW				10	x	x	x	x	x	x						
MW-128	Grab	GW				12	x	x	x	x	x	x				x		
MW-116	Grab	GW				11	x	x	x		x	x	x	x			No CN	
MW-46R	Grab	GW				8	x	x		x	x	x	x 105	x 1673				
~~RW-#18A~~	~~Grab~~	~~GW~~				~~7~~	x				x	x	x	x			No CN	MS/MSD/DUP
MW-144	Grab	GW		4/1/25	855	13	10	4/2/25			x	x	x	x			No CN	-47
MW-145	Grab	GW		4/1/25	950	10	x	x	x	x	x	x					No NO3NO2	-48

* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other

Remarks:
pH ___ Temp ___
Flow ___ Other ___

Samples returned via: ___UPS ✓FedEx ___Courier ___
Tracking # Multi

Sample Receipt Checklist:
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
	4/1/25	1700		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 251
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Argo	Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time
Hold:
Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature):
Immediately Packed on ice N___ Y✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Remarks	Sample # (lab only)
MW-146	Grab	GW		4/1/25	1040	10	x	x	x	x	x	x			No NO3NO2	-49
MW-135	Grab	GW		4/1/25	1145	10	x	x	x	x	x	x				-50
MW-147	Grab	GW		4/1/25	1230	10	x	x	x	x	x	x			No NO3NO2	-51
MW-148	Grab	GW	4/1/25	~~4/1/25~~	1320	10	x	x	x	x	x	x			No NO3NO2	-52
UG-3R	Grab	GW				11	x	x	x		x	x	x	x		
UG-4	Grab	GW				11	x	x	x		x	x	x	x		
UG-1	Grab	GW				11	x	x	x		x	x	x	x		
UG-2	Grab	GW				11	x	x	x		x	x	x	x		
DUP-REST-02	Grab	GW				10	x	x	x	x	x	x				
EB-REST-02	Grab	GW				10	x	x	x	x	x	x				

Chain of Custody Page 21 of 29

Pace Analytical
13065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L842529

Table #

Acctnum: TRCATX
Template: T206426
Prelogin: P1140286
TSR: 526
PB:
Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ___

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No, HCL / MeoH, TBR
	4/1/25	1700		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
				Multi 751
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
			Evelyn Organ	4/2/25 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 22 of 23

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LR475579

Table #

Acctnum: TRCATX

Template: T206426

Prelogin: P1140286

TSR: 526

PB:

Shipped Via:

Company Name / Address	Billing Information	Pres Chk
TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	

Report to:	Email To:
Julie Speer	jspeer@trccompanies.com

Project Description	City/State Collected	Lab Project #
Artesia Spring 2025	Artesia, NM	TRCATX-ARTESIA

Phone / Fax	Client Project #	Lab Project #
Phone: 512-684-3170 Fax:		

Collected by (print)	Site/Facility ID #	P.O. #
Scott Ude/HMI Team	(Navajo - Artesia)	

Collected by (signature)	Rush? (Lab MUST Be Notified)	Quote #
Immediately Packed on Ice N___ Y✓	___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH			Remarks	Sample # (lab only)
DUP-REST-04	Grab	GW		4/1/25	900	10	x	x	x	x	x	x					No NO3NO2	-03
EB-REST-04	Grab	GW		4/1/25	1100	10	x	x	x	x	x	x					No NO3NO2	-04
TRIP BLANK-REST-03	Grab	GW				1	x											

Analysis / Container / Preservative

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles Arrive Intact: ✓Y __N
Correct Bottles Used: ✓Y __N
Sufficient Volume Sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
	4/1/25	1700		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 751
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): - HMI Team

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4" 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	8270TX - 100ml Amb-NoPres	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-101	Grab	GW		4/1/25	1055	10	x	x	x	x	x	x						-55
MW-105	Grab	GW		4/1/25	1140	10	x	x	x	x	x	x						-56
RW-2	Grab	GW		4/1/25	925	14	x	x	x	x	x	x			x	x		-57
MW-61	Grab	GW		4/1/25	935	12	x	x	x	x	x	x			x			-58
~~MW-62~~	~~Grab~~	~~GW~~				~~12~~	x	x	x	x	x	x			x		NOT SAMPLED, LIGHTL	
~~MW-62R~~	~~Grab~~	~~GW~~				~~10~~	x	x	x	x	x	x					NOT SAMPLED; LIGHTL	
MW-93	Grab	GW				14	x	x	x	x	x	x			x	x		
MW-43	Grab	GW				15	x	x	x		x	x	x	x	x	x		
MW-137	Grab	GW				13	x	x	x		x	x	x	x	x			
MW-137A	Grab	GW				11	x	x	x		x	x	x	x				

Chain of Custody Page 22 of 29

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L#: L1842529

Table #

Acctnum: TRCATX
Template: T206493
Prelogin: P1140291
TSR: 526
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ____

Tracking # MWH

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	4/1/25	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Jordan Organ

Trip Blank Received: Yes / No
HCL / MeOH
TBR

Temp: °C Bottles Received: 78

Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): - HMI TRM

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	8270TX - 100ml Amb-NoPres	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-138	Grab	GW				15	x	x	x		x	x	x	x	x	x		
MW-138A	Grab	GW				11	x	x	x		x	x	x	x				
MW-23	Grab	GW				14	x	x	x	x	x	x			x	x		
TEL-4	Grab	GW		4/1/25	1115	10	x	x	x	x	x	x						-59
~~TEL-3~~	~~Grab~~	GW				~~10~~	x	x	x	x	x	x		NOT SAMPLED; LWAL				
~~TEL-2~~	~~Grab~~	GW				~~10~~	x	x	x	x	x	x		NOT SAMPLED; LWAL				
~~TEL-1~~	~~Grab~~	GW				~~10~~	x	x	x	x	x	x		NOT SAMPLED; LWAL				
MW-39	Grab	GW				12	x	x	x	x	x	x				x		
MW-98	Grab	GW				10	x	x	x	x	x	x						
~~RW-10~~	~~Grab~~	GW				~~12~~	x	x	x	x	x	x				x	NOT SAMPLED; LWAL	

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via:
___ UPS ✓ FedEx ___ Courier

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: ___NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
	4/1/25	1700		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 751
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Sean Day	Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 23 of 23

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LB42529

Table #

Acctnum: TRCATX

Template: T206493

Prelogin: P1140291

TSR: 526

PB:

Shipped Via:

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): - HMI TEAM
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-40	Grab	GW				13	x	x	x		x	x	x		x	x		
MW-41	Grab	GW				12	x	x	x	x	x	x				x		
RW-9	Grab	GW		4/1/25	1240	10	x	x	x	x	x	x						-60
MW-42	Grab	GW				12	x	x	x	x	x	x				x		
MW-29	Grab	GW				11	x	x	x		x	x	x		x			
RW-#16B	Grab	GW		4/1/25	925	10	x	x		x	x	x				x		-61
MW-56	Grab	GW		4/1/25	855	9	x	x			x	x	x		x			-62
MW-49	Grab	GW		4/1/25	1015	11	x	x	x		x	x	x	x				-63
MW-106	Grab	GW				10	x	x	x	x	x	x						
MW-45	Grab	GW				9	x	x			x	x	x	x				

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ___ _____

Tracking # MM/H

Relinquished by: (Signature) — Date: 4/1/25 — Time: 1700 — Received by: (Signature)

Relinquished by: (Signature) — Date: — Time: — Received by: (Signature)

Relinquished by: (Signature) — Date: — Time: — Received for lab by: (Signature) Easton Oyer — Date: 4/2/25 — Time: 0900

Trip Blank Received: Yes / No
HCL / MeoH
TSR 8

Temp: M/H °C Bottles Received: 781

If preservation required by Login: Date/Time

Hold: — Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

Chain of Custody Page 25 of 28

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1842529

Table #

Acctnum: TRCATX
Template: T206493
Prelogin: P1140291
TSR: 526
PB:
Shipped Via:

Chain of Custody Page 26 of 29

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LKH2529

Table #

Acctnum: TRCATX

Template: T206493

Prelogin: P1140291

TSR: 526

PB:

Shipped Via:

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature): Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed Quote #

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH			Remarks	Sample # (lab only)
MW-157	Grab	GW				7	x	x	x									
MW-158	Grab	GW				7	x	x	x									
MW-159	Grab	GW				7	x	x	x									
DUP-TEL-01	Grab	GW		4/1/25	1200	10	x	x	x	x	x	x						-04
EB-TEL-01	Grab	GW		4/1/25	1150	10	x	x	x	x	x	x						-05
TRIP BLANK-REST-04	Grab	GW		4/1/25	—	1	x											-06
TRIP BLANK-TEL-01	Grab	GW		4/1/25	—	1	x											-07

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Biopassy
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ____

Tracking # MVH

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

	Date:	Time:			
Relinquished by: (Signature)	4/1/25	1700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MVH °C	Bottles Received: 25	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Evelyn Diaz	Date: 4/2/25	Time: 0900	Hold:	Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 21 of 29

Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1842529

Table #

Acctnum: TRCATX

Template: T206496

Prelogin: P1140292

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270/8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-139	Grab	GW		4/1/25	1230	10	x	x	x	x	x	x						-68
MW-50	Grab	GW		4/1/25	1440	8	x	x		x	x	x						-69
MW-97	Grab	GW				12	x	x	x	x	x	x				x	No 1,4-D	
MW-92	Grab	GW				12	x	x	x	x	x	x				x	No SVOCs	
RW-1	Grab	GW				12	x	x	x	x	x	x				x	No SVOCs	
MW-91	Grab	GW				12	x	x	x	x	x	x				x	No SVOCs	
MW-90	Grab	GW				10	x	x	x	x	x	x						
MW-96	Grab	GW		4/1/25	1305	10	x	x	x	x	x	x						-70
MW-94	Grab	GW				12	x	x	x	x	x	x				x	No SVOCs	
RW-8	Grab	GW				13	x	x		x	x	x			x	x	No SVOCs	

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via: ___UPS ✓FedEx ___Courier ___

Tracking # Multi

Sample Receipt Checklist:
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA zero headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
	4/1/25	1700		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 251
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/2/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature): Immediately Packed on Ice N ___ Y ___	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed
	P.O. # Quote #

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 29 of 29

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L847529

Table #

Acctnum: TRCATX

Template: T206496

Prelogin: P1140292

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-67	Grab	GW				13	x	x	x		x	x	x	x		x		
MW-95	Grab	GW				10	x	x	x	x	x	x						
RW-7	Grab	GW				10	x	x	x	x	x	x						
NCL-34A	Grab	GW				8	x	x		x	x	x						
NCL-33	Grab	GW		4/1/25	900	8	x	x		x	x	x						-71
NCL-44	Grab	GW		4/1/25	940	8	x	x		x	x	x						-72
NCL-32	Grab	GW		4/1/25	1035	8	x	x		x	x	x						-73
MW-108	Grab	GW		4/1/25	1315	8	x	x		x	x	x						-74
NCL-31	Grab	GW		4/1/25	1355	8	x	x		x	x	x						-75
MW-55	Grab	GW		4/1/25	1245	12	x	x	x		x	x	x	x	x			-76

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other ___

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via:
___ UPS ✓ FedEx ___ Courier ___

Tracking # MnH

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Relinquished by: (Signature)	Date: 4/1/25	Time: 1700	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MnH °C	Bottles Received: 25
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Ogm	Date: 4/2/25	Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trcompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature): - HMI TOAM
Immediately Packed on Ice: N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Chain of Custody Page 29 of 29

Pace Analytical®
National Center for Testing & Innovation

11065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # L1842529

Table #

Acctnum: TRCATX

Template: T206496

Prelogin: P1140292

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
RW-#17A	Grab	GW				12	x	x	x	x	x	x				x		
MW-18	Grab	GW		4/1/25	1130	9	x	x			x	x	x	x				-77
MW-54A	Grab	GW		4/1/25	1105	8	x	x		x	x	x						-78
MW-54B	Grab	GW		4/1/25	1145	15	x	x	x	x	x	x			x	x		-79
NCL-49	Grab	GW		4/1/25	955	8	x	x		x	x	x						-80
MW-53R	Grab	GW		4/1/25	940	8	x	x		x	x	x						-81
DUP-NCL-01	Grab	GW		4/1/25	1030	8	x	x		x	x	x						-82
EB-NCL-01	Grab	GW		4/1/25	1015	8	x	x		x	x	x						-83
TRIP BLANK-NCL-01				4/1/25	—	1	x											-84

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Biossay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via:
___ UPS ✓ FedEx ___ Courier ___

Tracking # MW4

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	4/1/25	1700		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MW4 °C Bottles Received: 781
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/2/25 Time: 0900
			Eaton Opp	

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Received by OCD: 6/15/2026 7:23:14 PM

DC#_Title: Excel Form Template

Effective Date:

Multiple Parcel Form

L# LR642529

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
4439 2446 4615	TLA9	1.0	+0.4	1.4	Yes / No / Not Present
4439 2446 3889	TLA9	0.8	+0.4	1.2	Yes / No / Not Present
4497 5926 1937	TLA9	3.0	+0.4	3.4	Yes / No / Not Present
4439 2446 3858	TLA9	0.6	+0.4	1.0	Yes / No / Not Present
4439 2446 3891	TLA9	0.8	+0.4	1.2	Yes / No / Not Present
4439 2446 3847	TLA9	0.4	+0.4	0.8	Yes / No / Not Present
4479 5926 1915	TLA9	3.0	+0.4	3.4	Yes / No / Not Present
4439 2446 4604	TLA9	2.0	+0.4	2.4	Yes / No / Not Present
4439 2446 4626	TLA9	2.2	+0.4	2.6	Yes / No / Not Present
4439 2446 3870	TLA9	~~2.2~~ 1.7	+0.4	2.1	Yes / No / Not Present
4430 5926 1926	TLA9	1.5	+0.4	1.9	Yes / No / Not Present
4439 2446 4617	TLA9	0.1	+0.4	0.5	Yes / No / Not Present
4439 2446 4648	TLA9	0.7	+0.4	1.1	Yes / No / Not Present
4439 2446 3880	TLA9	0.1	+0.4	0.5	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Easton Dyer

Name

4/2/25

Date

Released to Imaging: 6/26/2026 3:07:01 PM

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude - HMI TOM

Immediately Packed on ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH			
✓ MW-6A	Grab	GW				10	x	x	x	x	x	x					
✓ MW-6B	Grab	GW				10	x	x	x	x	x	x					
✓ MW-85	Grab	GW				10	x	x	x	x	x	x					
✓ MW-86	Grab	GW				10	x	x	x	x	x	x					
✓ MW-120	Grab	GW				11	x	x	x		x	x	x	x			
✓ MW-121	Grab	GW				10	x	x	x	x	x	x					
MW-84	Grab	GW				10	x	x	x	x	x	x					
✓ MW-122	Grab	GW		4/2/25	1045	10	x	x	x	x	x	x					95
✓ MW-81	Grab	GW				10	x	x	x	x	x	x					
✓ MW-80	Grab	GW				10	x	x	x	x	x	x					
						10	x	x	x	x	x	x					

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # L1842529

Table # M001

Acctnum: TRCATX

Template: T206300

Prelogin: P1140215

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via:
__ UPS ✓ FedEx __ Courier

Tracking # MWB

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	4/2/25	1740	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Evelyn Ogan

Trip Blank Received: Yes / No
HCl / MeOH
TBR

Temp: MW 0 °C Bottles Received: 7 15

Date: 4/3/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition NCF

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature): [signature] - HMI Team
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	**NO3,Cl,NO2,F,SO4** 125mlHDPE-NoPre	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH			Remarks	Sample # (lab only)
✓ MW-79	Grab	GW				10	x	x	x	x	x	x						
MW-82	Grab	GW		4/2/25	1125	10	x	x	x	x	x	x						-86
MW-74	Grab	GW		4/2/25	1250	10	x	x	x	x	x	x						-87
MW-73	Grab	GW		4/2/25	1210	10	x	x	x	x	x	x						-88
✓ MW-2A	Grab	GW				10	x	x	x	x	x	x						
✓ MW-72	Grab	GW				10	x	x	x	x	x	x						
OCD-6	Grab	GW		4/2/25	825	10	x	x	x	x	x	x						-89
OCD-7AR	Grab	GW		4/2/25	905	10	x	x	x	x	x	x						-90
OCD-7B	Grab	GW		4/2/25	955	10	x	x	x	x	x	x						-91
~~RW-#15C~~	~~Grab~~	~~GW~~				8	x	x		x	x	x	NOT SAMPLED				; LOW PH	

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # L1812529

Table #

Acctnum: TRCATX

Template: T206300

Prelogin: P1140215

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
__ UPS ✓ FedEx __ Courier

Tracking # MvH

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
[signature]	4/4/25	1740		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MvH °C Bottles Received: 745
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 4/4/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): - HMI TBEM
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 1 of 22

Pace Analytical®
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # L847529

Table #

Acctnum: TRCATX
Template: T206300
Prelogin: P1140215
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	**NO3,Cl,NO2,F,SO4** 125mlHDPE-NoPre	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH			Remarks	Sample # (lab only)
~~MW-48~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x					NOT SAMPLED, LMTPL	
MW-130	Grab	GW		4/2/25	955	10	x	x	x	x	x	x						-92
~~KWB-4~~	~~Grab~~	~~GW~~				8	x	x		x	x	x					NOT SAMPLED, LMTPL	
~~RW-19~~	~~Grab~~	~~GW~~				8	x	x		x	x	x					NOT SAMPLED, LMTPL	
EB-EP-01	Grab	GW		4/2/25	1305	10	x	x	x	x	x	x						-93
EB-EP-04	Grab	GW				10	x	x	x	x	x	x						-94
TRIP BLANK-EP-01	Grab	GW		4/2/25	—	1	x											

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via:
__ UPS ✓ FedEx __ Courier

Tracking # MWH

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If applicable
VOA zero headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	4/2/25	1740			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
			MWH	745	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
			[illegible]	4/4/25 0900	

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #
Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #

Collected by (signature): - Hmi Team
Immediately Packed on Ice N___ Y ✓
Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Date Results Needed
Quote #

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH			Remarks	Sample # (lab only)
MW-76	Grab	GW		4/2/25	1420	10	x	x	x	x	x	x						-95
MW-77	Grab	GW		4/2/25	1340	10	x	x	x	x	x	x						-96
MW-78	Grab	GW		4/2/25	1425	10	x	x	x	x	x	x						-97
MW-75	Grab	GW		4/2/25	1345	10	x	x	x	x	x	x						-98
MW-83	Grab	GW		4/2/25	1305	10	x	x	x	x	x	x						-99
MW-3	Grab	GW		4/2/25	1340	10	x	x	x	x	x	x						-100
✓ MW-88	Grab	GW				10	x	x	x	x	x	x						
✓ MW-22A	Grab	GW				10	x	x	x	x	x	x						
✓ MW-22B	Grab	GW				10	x	x	x	x	x	x						
✓ MW-10	Grab	GW				10	x	x	x	x	x	x						

Chain of Custody Page 5 of 6

Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

LIS: L1841375
Table #: L1842529
Acctnum: TRCATX
Template: T206302
Prelogin: P1140216
TSR: 526
PB:
Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:
pH ____ Temp ____
Flow ____ Other ____

Samples returned via: ___ UPS ✓ FedEx ___ Courier
Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

	Date:	Time:		
Relinquished by: (Signature)	4/2/25	1740	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 745
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Organ	Date: 4/9/25 Time: 0900

If preservation required by Login: Date/Time 4/4/25
Hold:
Condition: NCF / OK

Chain of Custody Page 5 of 29

Pace Analytical® National Center for Testing & Innovation

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L# L1772509

Table #

Acctnum: TRCATX

Template: T206302

Prelogin: P1140216

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project #
	Lab Project #: TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID #: (Navajo - Artesia)
Collected by (signature): HMI TEAM Immediately Packed on ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed
	P.O. # Quote #

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH				
✓ MW-123	Grab	GW				10	x	x	x	x	x	x						
✓ MW-4A	Grab	GW				10	x	x	x	x	x	x						
✓ MW-4B	Grab	GW				10	x	x	x	x	x	x						-101
MW-5A	Grab	GW		4/2/25	1100	10	x	x	x	x	x	x						-102
MW-5B	Grab	GW		4/2/25	1150	10	x	x	x	x	x	x						-103
MW-5C	Grab	GW		4/2/25	1225	10	x	x	x	x	x	x						-104
MW-7A	Grab	GW		4/2/25	945	10	x	x	x	x	x	x						-105
MW-7B	Grab	GW		4/2/25	1020	10	x	x	x	x	x	x						-106
OCD-8A	Grab	GW		4/2/25	905	11	x	x	x		x	x	x	x				-107
OCD-8B	Grab	GW		4/2/25	830	10	x	x	x	x	x	x						

* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via: ___ UPS ✓ FedEx ___ Courier ___

Tracking # Multi

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Relinquished by: (Signature)	Date: 4/2/25	Time: 1740	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 745	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Dugan	Date: 4/4/25 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude - HMI Team

Immediately Packed on Ice: N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Chain of Custody Page 6 of 29

Pace Analytical*
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1847529

Table #

Acctnum: TRCATX

Template: T206302

Prelogin: P1140216

TSR: 526

PB:

Shipped Via:

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb-HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb-HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Remarks	Sample # (lab only)
DUP-EP-01	Grab	GW		4/2/25	1100	10	x	x	x	x	x	x				-108
DUP-EP-02	Grab	GW				10	x	x	x	x	x	x				
DUP-EP-03	Grab	GW		4/2/25	1200	10	x	x	x	x	x	x				-109
EB-EP-03	Grab	GW		4/2/25	1110	10	x	x	x	x	x	x				-110
TRIP BLANK-EP-02	Grab	GW		4/2/25	—	1	x									-111

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via:
___ UPS ✓ FedEx ___ Courier

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles Arrive Intact: Y N
Correct Bottles Used: Y N
Sufficient Volume Sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No; HCL / MeoH; TBR
	4/2/25	1740		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 745
				If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/3/25 Time: 0900 Hold: Condition: NCF / OK
			Easton Dyer	

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #
Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #

Collected by (signature): - HMI TDM
Immediately Packed on Ice: N ___ Y ✓
Rush? (Lab MUST Be Notified): ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Date Results Needed
Quote #

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 7 of 29

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859

L# UF847529
Table #
Acctnum: TRCATX
Template: T206304
Prelogin: P1140217
TSR: 526
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Remarks	Sample # (lab only)
KWB-P4	Grab	GW		4/2/25	1205	5	x	x	x	(60S						-113
MW-25	Grab	GW				8	x	x		x	x	x				
MW-1R	Grab	GW				8	x	x		x	x	x				
MW-15	Grab	GW		4/2/25	1250	10	x	x	x	x	x	x				-114
OCD-1R	Grab	GW				10	x	x	x	x	x	x				
OCD-2A	Grab	GW				10	x	x	x	x	x	x				
OCD-3	Grab	GW				10	x	x	x	x	x	x				
OCD-4	Grab	GW				10	x	x	x	x	x	x				
MW-11A	Grab	GW				10	x	x	x	x	x	x				
MW-11B	Grab	GW				10	x	x	x	x	x	x				

* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via: ___ UPS ✓ FedEx ___ Courier
Tracking # MVH

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
	4/2/25	1740		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MVH °C Bottles Received: 745
				If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/4/25 Time: 0900
			Faith Orp	Hold: Condition: NCF OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #
Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #

Collected by (signature): [signature] - HMI TOM
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed
Quote #

Analysis / Container / Preservative

Chain of Custody Page 8 of 29

Pace Analytical
National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # L847529
Table #
Acctnum: TRCATX
Template: T206304
Prelogin: P1140217
TSR: 526
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	RO Diss. Metals - Field Filtered	Remarks	Sample # (lab only)
✓ OCD-5	Grab	GW				10	x	x	x	x	x	x					-115
MW-87	Grab	GW		4/2/25	825	10	x	x	x	x	x	x					-116
MW-18A	Grab	GW		4/2/25	905	9	x	x		x	x	x	x	x			-117
MW-18B	Grab	GW		4/2/25	940	10	x	x	x	x	x	x					-118
MW-70	Grab	GW		4/2/25	1030	10	x	x	x	x	x	x					-119
MW-124	Grab	GW		4/2/25	1110	10	x	x	x	x	x	x					-120
MW-52	Grab	GW		4/2/25	1215	11	x	x	x		x	x	x	x			-121
MW-109	Grab	GW		4/2/25	1050	10	x	x	x	x	x	x					-122
MW-110	Grab	GW		4/2/25	1135	10	x	x	x	x	x	x					-123
MW-140	Grab	GW		4/2/25	1120	4					x	x	x		x		

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ____

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
[signature]	4/2/25	1740	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Kristen Dyer

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: Multi °C Bottles Received: 745

Date: 4/4/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 9 of 29

Pace Analytical®

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L747529

Table #

Acctnum: TRCATX

Template: T206304

Prelogin: P1140217

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia) P.O. #
Collected by (signature): Immediately Packed on Ice N___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Quote # Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	RO Diss. Metals - Field Filtered	Remarks	Sample # (lab only)
MW-141	Grab	GW		4/2/25	1025	4	x				x	x	x		x		-04
EB-EP-02	Grab	GW		4/2/25	1120	10	x	x	x	x	x	x					-05
TRIP BLANK EP-03	Grab	GW				1	x										

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ___

Tracking # 941

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Relinquished by: (Signature)	Date: 4/2/25	Time: 1740	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 345
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Dyer	Date: 4/3/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody — Page 10 of 29

Pace Analytical® — National Center for Testing & Innovation
12065 Lebanon Rd, Mount Juliet, TN 37122
Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859

L# LR847529

Table #

Acctnum: TRCATX

Template: T206307

Prelogin: P1140224

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project #
	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature): SU - HMI TEAM Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
	Quote #
	P.O. #
	Date Results Needed

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~RW-12R~~	Grab	GW				8	x	x		x	x	x	not sampled per Surlak AK 4/14/25					
MW-113	Grab	GW		4/2/25	1300	10	x	x	x	x	x	x						-126-127
KWB-8	Grab	GW				9	x	x			x	x	x	x				
RW-22	Grab	GW				8	x	x		x	x	x						
RW-20A	Grab	GW				8	x	x		x	x	x						
RW-20B	Grab	GW				8	x	x		x	x	x						
RW-13R	Grab	GW		4/2/25	1215	13	x	x		x	x	x			x	x		-128
RW-14R	Grab	GW				8	x	x		x	x	x						
MW-133	Grab	GW				10	x	x	x	x	x	x						
MW-134	Grab	GW		4/2/25	1255	10	x	x	x	~~x~~	x	x	X					-129

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via: ___ UPS ✓ FedEx ___ Courier

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date: 4/2/25	Time: 1740	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 745 — If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date	Time:	Received for lab by: (Signature) Easton Dyer	Date: 4/4/25 Time: 0900 — Hold: — Condition: NCF OK

Chain of Custody — Page 11 of 29

Pace Analytical®

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 1842529

Table #

Acctnum: TRCATX

Template: T206307

Prelogin: P1140224

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): SU - HMI TEAM
Immediately Packed on Ice: N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Cations only - 250mlHDPE-HNO3	Remarks	Sample # (lab only)
✓ RA-4196R	Grab	GW				6	x				x	x			x		
✓ RA-3156	Grab	GW				6	x				x	x			x		
RA-313	Grab	GW		4/2/25	0930	6	x				x	x			x		-130
✓ KWB-7	Grab	GW				9	x	x			x	x	x	x			
MW-20	Grab	GW		4/2/25	1145	8	x	x		x	x	x					-131
~~NP-1~~	~~Grab~~	~~GW~~				~~6~~	x				x	x			x	Not Sampled, Dry	
NP-6	Grab	GW		4/2/25	1200	3	x										-132
MW-8	Grab	GW		4/2/25	1105	10	x	x	x	x	x	x					-133
MW-21	Grab	GW		4/2/25	1025	10	x	x	x	x	x	x					-134
~~MW-71~~	Grab	GW				9	x	x			x	x	x	x		Not Sampled; effectively Dry	

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via:
__ UPS ✓ FedEx __ Courier

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles Arrive Intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	4/2/25	1740			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C	Bottles Received: 745
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/4/25	Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF Y OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature): - HMI TEAM

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Remarks	Sample # (lab only)
MW-151	Grab	GW		4/2/25	1125	7	x	x	x							-135
MW-152	Grab	GW		4/2/25	1120	7	x	x	x							-136
MW-153	Grab	GW		4/2/25	1325	7	x	x	x							-137
MW-154	Grab	GW		4/2/25	1405	7	x	x	x							-138
MW-155	Grab	GW		4/2/25	1225	7	x	x	x							-139
MW-156	Grab	GW		4/2/25	1205	7	x	x	x							-140
✓ MW-68	Grab	GW				8	x	x		x	x	x				
✓ MW-27	Grab	GW				8	x	x		x	x	x				
✓ MW-89	Grab	GW				8	x	x		x	x	x				
✓ MW-16	Grab	GW				8	x	x		x	x	x				

Chain of Custody Page 1 of 3

Pace Analytical*
National Center for Testing & Innovation

13065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 1642529

Table #

Acctnum: TRCATX

Template: T206307

Prelogin: P1140224

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ____

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
	4/2/25	1740		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 745
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Orgn	Date: 4/4/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #
Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #
Quote #

Collected by (signature): Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered			
✓ MW-26	Grab	GW				8	x	x		x	x	x						
✓ KWB-11A	Grab	GW				11	x	x	x		x	x	x	x				
✓ KWB-11B	Grab	GW				11	x	x	x		x	x	x	x				
MW-115	Grab	GW		4/2/25	825	11	x	x	x		x	x	x		x			-141
MW-114	Grab	GW		4/2/25	905	11	x	x	x		x	x	x		x			-142
MW-125	Grab	GW		4/2/25	845	11	x	x	x		x	x	x		x			-143
DUP-REST-01	Grab	GW		4/2/25	1100	10	x	x	x	x	x	x						-144
EB-REST-01	Grab	GW		4/2/25	1335	10	x	x	x	x	x	x						-145
DUP-REST-03	Grab	GW		4/2/25	1200	10	x	x	x		x	x	x					-146
EB-REST-03	Grab	GW		4/2/25	1320	10	x	x	x		x	x	x					-147

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ___

Tracking # MVLL

Relinquished by: (Signature) — Date: 4/2/25 — Time: 1740
Received by: (Signature)

Relinquished by: (Signature) — Date: — Time:
Received by: (Signature)

Relinquished by: (Signature) — Date: — Time:
Received for lab by: (Signature) Ewton Ogan — Date: 4/3/25 — Time: 0900

Trip Blank Received: Yes / No HCL / MeoH TBR

Temp: MVLL °C Bottles Received: 245

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Chain of Custody Page 1 of 2

Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # L1477529
Table #
Acctnum: TRCATX
Template: T206307
Prelogin: P1140224
TSR: 526
PB:
Shipped Via:

Remarks | Sample # (lab only)

Chain of Custody — Page 1 of 2

Pace Analytical — National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

LN: L1847579

Table #:

Acctnum: TRCATX

Template: T206307

Prelogin: P1140224

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

-148
-149

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project #:
Lab Project #: TRCATX-ARTESIA	
Collected by (print): Scott Ude/HMI Team	Site/Facility ID #: (Navajo - Artesia)
P.O. #:	
Collected by (signature): Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed:
Quote #:	

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered
TRIP BLANK-REST-01	Grab	GW		4/2/25	—	1	x								
TRIP BLANK-TMD-01	Grab	GW		4/2/25	—	1	x								

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via: ___ UPS ✓ FedEx ___ Courier ___

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: ___ NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date: 4/2/25	Time: 1740	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Orr

Trip Blank Received: Yes / No HCL / MeoH TBR

Temp: Multi °C Bottles Received: 745

Date: 4/4/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody — Page 2 of 2

Pace Analytical® — National Center for Testing & Innovation

12065 Lebanon Rd, Mount Juliet, TN 37122
Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859

L# L842509

Table #:

Acctnum: TRCATX
Template: T206383
Prelogin: P1140226
TSR: 526
PB:
Shipped Via:

Company / Address	Billing Information	Pres Chk
TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	

Report to:	Email To:
Julie Speer	jspeer@trccompanies.com

Project Description:	City/State Collected:
Artesia Spring 2025	Artesia, NM

Phone: / Fax:	Client Project #	Lab Project #
512-684-3170		TRCATX-ARTESIA

Collected by (print):	Site/Facility ID #	P.O. #
Scott Ude/HMI Team	(Navajo - Artesia)	

Collected by (signature): [signature] - HMI Team
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified): ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals / CN	Diss. RO Metals - Field Filtered	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-117	Grab	GW		4/2/25	1415	10	x	x	x		x	x	x	x			No CN	-151
MW-118	Grab	GW		4/2/25	1420	11	x	x	x		x	x	x	x			No CN	-152
MW-119	Grab	GW		4/2/25	1240	11	x	x	x		x	x	x	x			No CN	-153
NP-5	Grab	GW		4/2/25	1320	8	x	x		x	x	x						-154
MW-136	Grab	GW		4/2/25	1000	11	x	x	x		x	x	x					-155
MW-126A	Grab	GW				10	x	x	x	x	x	x						
MW-126B	Grab	GW				10	x	x	x	x	x	x						
MW-127	Grab	GW				15	x	x	x	x	x	x			x	x		
~~MW-129~~	~~Grab~~	~~GW~~				~~10~~	x	x	x	x	x	x		not	sampled, unable to locate well			
KWB-1A	Grab	GW				9	x	x			x	x	x					

* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other

Remarks:

pH ___ Temp ___ Flow ___ Other ___

Samples returned via: ___ UPS ___ FedEx ___ Courier ___

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
[signature]	4/2/25	1740	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Easton Orgain

Trip Blank Received: Yes / No — HCL / MeoH — TBR

Temp: Multi °C Bottles Received: 745

Date: 4/4/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody — Page 15 of 29

Pace Analytical — National Center for Testing & Innovation

12065 Lebanon Rd, Mount Juliet, TN 37122 — Phone: 615-758-5858 — Phone: 800-767-5859 — Fax: 615-758-5859

L# LBH2529

Table #

Acctnum: TRCATX

Template: T206383

Prelogin: P1140226

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): Scott Ude - HMI Team

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
KWB-1C	Grab	GW				8	x	x		x	x	x				x		
KWB-10R	Grab	GW				10	x	x		x	x	x				x		
~~MW-121~~	~~Grab~~	~~GW~~				~~10~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	Not Sampled				Lvl4	
~~KWB-5~~	~~Grab~~	~~GW~~				~~8~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~	Not Sampled; Lvl4					
~~MW-111~~	~~Grab~~	~~GW~~				~~15~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~			~~x~~	~~x~~	Not Sampled; Lvl4	
~~KWB-6~~	~~Grab~~	~~GW~~				~~13~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~			~~x~~	~~x~~	Not Sampled; Lvl4	
~~MW-113~~	~~Grab~~	~~GW~~				~~10~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	Not Sampled; Lvl4					
~~MW-122~~	~~Grab~~	~~GW~~				~~10~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	Not Sampled					
MW-57	Grab	GW				10	x	x	x	x	x	x						
RW-#11-0	Grab	GW				8	x	x		x	x	x						

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via:
___ UPS ___ FedEx ___ Courier ___

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct Bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: Multi °C Bottles Received: 745

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	4/2/25	1740	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Date: 4/4/25 Time: 0900

Chain of Custody — Page 1 of 2

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L# L1812529

Table #

Acctnum: TRCATX

Template: T206383

Prelogin: P1140226

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project #: TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID #: (Navajo - Artesia) P.O. #
Collected by (signature): [signature] - HMI Team Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Quote # Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered	Cations only - 250mlHDPE-HNO3	Remarks	Sample # (lab only)
KWB-12A	Grab	GW				11	x	x	x		x	x	x	x				
KWB-12B	Grab	GW				11	x	x	x		x	x	x	x				
~~KWB-2R~~	~~Grab~~	~~GW~~				8	x	x		x	x	x					NOT SAMPLED ; LNAPL	
~~MW-58~~	~~Grab~~	~~GW~~				9	x	x			x	x	x	x			NOT SAMPLED, LNAPL	
KWB-13	Grab	GW				9	x	x			x	x	x	x				
MW-160	Grab	GW				7	x	x	x									
MW-161	Grab	GW				7	x	x	x									
MW-162	Grab	GW		4/2/25	1405	4					x	x			x	x		1510
MW-149	Grab	GW				8	x	x		x	x	x						
MW-150	Grab	GW				8	x	x		x	x	x						

* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other ___

Remarks: pH ___ Temp ___ Flow ___ Other ___

Samples returned via: ___ UPS ✓ FedEx ___ Courier ___ Tracking # Multi

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y / N
COC Signed/Accurate:		Y / N
Bottles arrive intact:		Y / N
Correct bottles used:		Y / N
Sufficient volume sent:		Y / N
If Applicable		
VOA Zero Headspace:		Y / N
Preservation Correct/Checked:		Y / N

Relinquished by: (Signature) [signature]	Date: 4/2/25	Time: 1740	Received by: (Signature)	Trip Blank Received: Yes / No; HCL / MeoH; TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 745
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Lauren Orgn	Date: 4/4/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody — Page 18 of 29

Pace Analytical*

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LK42529

Table #

Acctnum: TRCATX

Template: T206383

Prelogin: P1140226

TSR: 526

PB:

Shipped Via:

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature): Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed
	P.O. # Quote # No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered	Remarks	Sample # (lab only)
MW-142	Grab	GW		4/2/25	1045	4	2	4			x	x	x		x		-157
MW-143	Grab	GW		4/2/25	1155	4					x	x	x		x		-158
MW-163	Grab	GW		4/2/25	1240	4					x	x	x	ws	x		-159
DUP-REST-05	Grab	GW				11	x	x	x		x	x	x	x			
EB-REST-05	Grab	GW				11	x	x	x		x	x	x	x			
TRIP BLANK-REST-02	Grab	GW				1	x										
KWB-3AR	Grab	GW		4/2/25	850	9	x	x			x	x	x	x			-160
~~KWB-9~~	Grab	GW					x	x			x	x	x	x		Not Sampled; dry	
RA-1227	Grab	GW		4/2/25	1115	5	x				x	x					-161

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via: ___ UPS ___ FedEx ___ Courier ____

Tracking # MvH

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Relinquished by: (Signature)	Date: 4/2/25	Time: 1740	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by (Signature)	Date:	Time:	Received for lab by: (Signature) Ruben Orgon

Trip Blank Received: Yes / No HCL / MeoH TBR

Temp: MvH °C Bottles Received: 745

Date: 4/3/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 19 of 29

Pace Analytical
National Center for Testing & Innovation

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Mount Juliet, TN 37122
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Phone: 800-767-5859
Fax: 615-758-5859

L# L847529

Table #

Acctnum: TRCATX

Template: T206426

Prelogin: P1140286

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project #
	Lab Project #: TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID #: (Navajo - Artesia)
Collected by (signature): - HMI Team Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed
	P.O. #
	Quote #

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH				Remarks	Sample # (lab only)
MW-103	Grab	GW		4/2/25	1345	10	x	x	x	x	x	x							-102
MW-104	Grab	GW		4/2/25	1425	10	x	x	x	x	x	x							-103
MW-64	Grab	GW		4/2/25	950	10	x	x	x	x	x	x							-104
~~MW-65~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x						Not sampled; Lumpl	
~~RW-5R~~	~~Grab~~	~~GW~~				8	x	x		x	x	x						Not sampled; Lumpl	
MW-102	Grab	GW		4/2/25	1030	10	x	x	x	x	x	x							-105
~~RW-4~~	~~Grab~~	~~GW~~				8	x	x		x	x	x						not sampled; Lumpl	
~~RW-6~~	~~Grab~~	~~GW~~				8	x	x		x	x	x						not sampled; Lumpl	
~~MW-99~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x						not sampled; Lumpl	
~~MW-66~~	~~Grab~~	~~GW~~				11	x	x	x		x	x	x	x				not sampled; Lumpl	

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
___UPS ✓FedEx ___Courier ____

Tracking # MVLH

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y / N
COC Signed/Accurate:		Y / N
Bottles arrive intact:		Y / N
Correct bottles used:		Y / N
Sufficient volume sent:		Y / N
If Applicable		
VOA Zero Headspace:		Y / N
Preservation Correct/Checked:		Y / N

Relinquished by: (Signature)	Date: 4/2/25	Time: 1740	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH Yes	If preservation required by Login: Date/Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MVLH °C Bottles Received: 745	
Relinquished by: (Signature)	Date	Time	Received for lab by: (Signature): Easton Dyer	Date: 4/4/25 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #
Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #

Collected by (signature): - HMI TEAM
Immediately Packed on Ice: N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Quote #
Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 20 of 29

Pace Analytical
National Center for Testing & Innovation
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Mount Juliet, TN 37122
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Phone: 800-767-5859
Fax: 615-758-5859

Lab # KH25029

Table #

Acctnum: TRCATX
Template: T206426
Prelogin: P1140286
TSR: 526
PB:

Shipped Via

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals / Cyanide	Diss. RO Metals - Field Filtered	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-28~~	~~Grab~~	~~GW~~				12	x	x	x		x	x	x			x	NOT SAMPLED; LOW PSI	
~~MW-59~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x	NOT SAMPLED; LOW PSI					
~~MW-60~~	~~Grab~~	~~GW~~				16	x	x	x		x	x	x		x	x	NOT SAMPLED; LOW PSI	
~~MW-107~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x	NOT SAMPLED; LOW PSI					
~~MW-128~~	~~Grab~~	~~GW~~				12	x	x	x	x	x	x	NOT SAMPLED; UNABLE TO LOCATE					
MW-116	Grab	GW		4/2/25	820	11	x	x	x		x	x	x	x		No CN	-11do	
MW-46R	Grab	GW		4/2/25	905	8	x	x		X	x	x	x	x			-11d1	
RW-#18A	Grab	GW				7	x				x	x	x	x		No CN		
MW-144	Grab	GW				4					x	x	x	x		No CN		
MW-145	Grab	GW				10	x	x	x	x	x	x				No NO3NO2		

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
__ UPS ✓ FedEx __ Courier

Tracking # MVH

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	4/2/25	1740			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MVH °C Bottles Received: 745	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/4/25 Time: 0900	Hold: Condition: NCF / OK

Chain of Custody Page 21 of 29

Pace Analytical®

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L# LX847609

Table #

Acctnum: TRCATX

Template: T206426

Prelogin: P1140286

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID #: (Navajo - Artesia) P.O. #
Collected by (signature): Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed Quote #

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH			Remarks	Sample # (lab only)
MW-146	Grab	GW				10	x	x	x	x	x	x					No NO3NO2	
MW-135	Grab	GW				10	x	x	x	x	x	x						
MW-147	Grab	GW				10	x	x	x	x	x	x					No NO3NO2	
MW-148	Grab	GW				10	x	x	x	x	x	x					No NO3NO2	
UG-3R	Grab	GW		4/2/25	1240	11	x	x	x		x	x	x	x				-168
UG-4	Grab	GW		4/2/25	1250	11	x	x	x		x	x	x	x				-169
UG-1	Grab	GW		4/2/25	1205	11	x	x	x		x	x	x	x				-170
UG-2	Grab	GW		4/2/25	1125	11	x	x	x		x	x	x	x				-171
DUP-REST-02	Grab	GW		4/2/25	1100	10	x	x	x	x	x	x						-172
EB-REST-02	Grab	GW		4/2/25	1045	10	x	x	x	x	x	x						-173

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other ___

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via: ___ UPS ✓ FedEx ___ Courier ___

Tracking # MvH

Sample Receipt Checklist

COC Seal Present/Intact:	___NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Relinquished by: (Signature)	Date: 4/2/25	Time: 1740	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Temp: MvH °C Bottles Received: 745
Relinquished by: (Signature)	Date	Time	Received for lab by: (Signature) Zachary Dixon	Date: 4/3/25 Time: 0905

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Chain of Custody Page 22 of 22

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Fax: 615-758-5859

L# 1847529

Table #

Acctnum: TRCATX

Template: T206426

Prelogin: P1140286

TSR: 526

PB

Shipped Via:

Remarks	Sample # (lab only)
No NO3NO2	
No NO3NO2	
	-14

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project #
	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature):	P.O. #
Immediately Packed on Ice N ___ Y ✓	Quote #
	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH
✓ DUP-REST-04	Grab	GW				10	x	x	x	x	x	x		
✓ EB-REST-04	Grab	GW				10	x	x	x	x	x	x		
TRIP BLANK-REST-03	Grab	GW		4/2/25	—	1	x							

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via: ✓ FedEx ___ UPS ___ Courier ___

Tracking # Mult

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles Arrive Intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Relinquished by: (Signature)	Date: 4/2/25	Time: 1740	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Mult °C Bottles Received: 745
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/4/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): HMI TEAM
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	8270TX - 100ml Amb-NoPres	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-101	Grab	GW				10	x	x	x	x	x	x						
MW-105	Grab	GW				10	x	x	x	x	x	x						
RW-2	Grab	GW				14	x	x	x	x	x	x			x	x		
MW-61	Grab	GW				12	x	x	x	x	x	x			x			
MW-62	Grab	GW				12	x	x	x	x	x	x			x			
MW-62R	Grab	GW				10	x	x	x	x	x	x						
~~MW-93~~	~~Grab~~	~~GW~~				14	x	x	x	x	x	x			x	x	not sampled; empty	
~~MW-43~~	~~Grab~~	~~GW~~				15	x	x	x		x	x	x	x	x	x	not sampled; empty	
~~MW-127~~	~~Grab~~	~~GW~~				12	x	x	x		x	x	x	x	x		not sampled; empty	
~~MW-127A~~	~~Grab~~	~~GW~~				11	x	x	x		x	x	x	x			not sampled; empty	

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ___

Tracking # MVH

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: MVH °C Bottles Received: 745

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Relinquished by: (Signature) — Date: 4/2/25 — Time: 1740 — Received by: (Signature)

Relinquished by: (Signature) — Date: — Time: — Received by: (Signature)

Relinquished by: (Signature) — Date: — Time: — Received for lab by: (Signature) Easton Arp — Date: 4/3/25 — Time: 0900

Analysis / Container / Preservative

Chain of Custody Page 23 of 23

Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # L1412529

Table #

Acctnum: TRCATX

Template: T206493

Prelogin: P1140291

TSR: 526

PB:

Shipped Via:

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Chain of Custody — Page 23 of 23

Pace Analytical®

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L847529

Table #

Acctnum: TRCATX

Template: T206493

Prelogin: P1140291

TSR: 526

PB:

Shipped Via:

Remarks | Sample # (lab only)

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	Pres Chk
Report to: Julie Speer	Email To: speer@trccompanies.com	
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM	
Phone: 512-684-3170 Fax:	Client Project #	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)	P.O. #
Collected by (signature): [signature] - Hunter Tolin Immediately Packed on Ice: N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed	Quote #

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	8270TX - 100ml Amb-NoPres	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-138~~	~~Grab~~	~~GW~~				15	x	x	x		x	x	x	x	x	x	NOT SAMPLED; LUNAR	
~~MW-138A~~	~~Grab~~	~~GW~~				11	x	x	x		x	x	x	x	NOT SAMPLED; LUNAR			
~~MW-23~~	~~Grab~~	~~GW~~				14	x	x	x	x	x	x			x	x	NOT SAMPLED; LUNAR	
TEL-4	Grab	GW				10	x	x	x	x	x	x						
TEL-3	Grab	GW				10	x	x	x	x	x	x						
TEL-2	Grab	GW				10	x	x	x	x	x	x						
TEL-1	Grab	GW				10	x	x	x	x	x	x						
~~MW-39~~	~~Grab~~	~~GW~~				12	x	x	x	x	x	x				x	NOT SAMPLED; LUNAR	
MW-98	Grab	GW		4/2/25	1125	10	x	x	x	x	x	x						-175
RW-10	Grab	GW				12	x	x	x	x	x	x				x		

* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other ____

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via: ___ UPS ✓ FedEx ___ Courier ____

Tracking # MvH

Sample Receipt Checklist

COC Seal Present/Intact:	Y	N / NA
COC Signed/Accurate:	Y	N
Bottles arrive intact:	Y	N
Correct bottles used:	Y	N
Sufficient volume sent:	Y	N
If Applicable		
VOA Zero Headspace:	Y	N
Preservation Correct/Checked:	Y	N

	Date:	Time:			
Relinquished by: (Signature) [signature]	4/2/25	1740	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MvH °C Bottles Received: 795	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 4/3/25 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #
Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #
Quote #

Collected by (signature): GU - HMI TEAM
Immediately Packed on Ice: N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered	8270DIOXANE - 100ml Amb-NoPres	
~~MW-40~~	~~Grab~~	~~GW~~				13	x	x	x		x	x	x		x	x	NT Sampled; Lvl#L
~~MW-41~~	~~Grab~~	~~GW~~				12	x	x	x	x	x	x				x	NT Sampled; Lvl#L
RW-9	Grab	GW				10	x	x	x	x	x	x					
~~MW-42~~	~~Grab~~	~~GW~~				12	x	x	x	x	x	x				x	NT Sampled; Lvl#L
~~MW-29~~	~~Grab~~	~~GW~~				11	x	x	x		x	x	x		x		NT Sampled; Lvl#L
RW-#16B	Grab	GW				10	x	x		x	x	x				x	
MW-56	Grab	GW				9	x	x			x	x	x		x		
MW-49	Grab	GW				11	x	x	x		x	x	x	x			
MW-106	Grab	GW		4/2/25	1035	10	x	x	x	x	x	x					-176
MW-45	Grab	GW		4/2/25	830	9	x	x			x	x	x	x			-177

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other _____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
___ UPS ✓ FedEx ___ Courier _____

Tracking # Multi

Relinquished by: (Signature) — Date: 4/2/25 — Time: 1740
Received by: (Signature)

Relinquished by: (Signature) — Date: — Time:
Received by: (Signature)

Relinquished by: (Signature) — Date: — Time:
Received for lab by: (Signature) Evelyn Orgn — Date: 4/3/25 — Time: 0900

Trip Blank Received: Yes / No HCL / MeoH TBR

Temp: Multi °C Bottles Received: 745

Hold:

Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: ___NP ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
If Applicable
VOA Zero Headspace: ___Y ___N
Preservation Correct/Checked: ___Y ___N

If preservation required by Login: Date/Time

Chain of Custody Page 22 of 23

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # LK042529

Table #

Acctnum: TRCATX
Template: T206493
Prelogin: P1140291
TSR: 526
PB:

Shipped Via:

Remarks	Sample # (lab only)

Chain of Custody — Page 26 of 29

Pace Analytical® — National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LRN2529

Table #

Acctnum: TRCATX

Template: T206493

Prelogin: P1140291

TSR: 526

PB

Shipped Via:

Remarks | Sample # (lab only)

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #
(Navajo - Artesia)

P.O. #

Collected by (signature): - HMI TEAM
Immediately Packed on Ice: N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO -40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH				Remarks	Sample # (lab only)
MW-157	Grab	GW		4/2/25	915	7	x	x	x										-176
MW-158	Grab	GW		4/2/25	825	7	x	x	x										-179
MW-159	Grab	GW		4/2/25	945	7	x	x	x										-180
DUP-TEL-01	Grab	GW				10	x	x	x	x	x	x							
EB-TEL-01	Grab	GW				10	x	x	x	x	x	x							
TRIP BLANK-REST-04	Grab	GW				1	x												
TRIP BLANK-TEL-01	Grab	GW				1	x												

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

	Date:	Time:		
Relinquished by: (Signature)	4/2/25	1740	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 745
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Evelyn Ortega	Date: 4/4/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #
Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #
Quote #

Collected by (signature): - HMI Team
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Pres Chk

Analysis / Container / Preservative

Chain of Custody

Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab # LRH2529
Table #
Acctnum: TRCATX
Template: T206496
Prelogin: P1140292
TSR: 526
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270/8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
MW-139	Grab	GW				10	x	x	x	x	x	x						
MW-50	Grab	GW				8	x	x		x	x	x				x	No 1,4-D	NOT Sampled
~~MW-97~~	~~Grab~~	~~GW~~				~~12~~	x	x	x	x	x	x				x	No SVOCs	NOT Sampled
~~MW-92~~	~~Grab~~	~~GW~~				~~12~~	x	x	x	x	x	x				x	No SVOCs	NOT Sampled,
~~RW-1~~	~~Grab~~	~~GW~~				~~12~~	x	x	x	x	x	x				x	No SVOCs	NOT Sampled; Lvl1
~~MW-91~~	~~Grab~~	~~GW~~				~~12~~	x	x	x	x	x	x						-191
MW-90	Grab	GW		4/2/25	845	10	x	x	x	x	x	x						
MW-96	Grab	GW				10	x	x	x	x	x	x						
~~MW-94~~	~~Grab~~	~~GW~~				~~12~~	x	x	x	x	x	x				x	No SVOCs	NOT Sampled
~~RW-8~~	~~Grab~~	~~GW~~				~~13~~	x	x		x	x	x			x	x	No SVOCs	NOT Sampled

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier

Tracking # MvH

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	4/2/25	1740		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MvH °C Bottles Received: 745
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Evelyn Orgo	Date: 4/4/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody — Page 2 of 2

Pace Analytical — National Center for Testing & Innovation
12065 Lebanon Rd, Mount Juliet, TN 37122
Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Spring 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia) P.O. #
Collected by (signature): Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Quote # Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals - Field Filtered	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~MW-67~~	~~Grab~~	~~GW~~				13	x	x	x		x	x	x	x		x	WS Sampled, LVMPL	
~~MW-95~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x	Not Sampled, LVMPL					
~~RW-7~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x	Not Sampled, LVMPL					
~~NCL-34A~~	~~Grab~~	~~GW~~				8	x	x		x	x	x	Not Sampled, LVMPL					
✓ NCL-33	Grab	GW				8	x	x		x	x	x						
✓ NCL-44	Grab	GW				8	x	x		x	x	x						
✓ NCL-32	Grab	GW				8	x	x		x	x	x						
✓ MW-108	Grab	GW				8	x	x		x	x	x						
✓ NCL-31	Grab	GW				8	x	x		x	x	x						
✓ MW-55	Grab	GW				12	x	x	x		x	x	x	x	x			

L# FOL17529
Table #
Acctnum: TRCATX
Template: T206496
Prelogin: P1140292
TSR: 526
PB:
Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ____

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: ___ Y ___ N
Preservation Correct/Checked: ___ Y ___ N

Relinquished by: (Signature)	Date: 4/2/25	Time: 1740	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Temp: MuH °C Bottles Received: 745	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Orgn	Date: 4/9/25 Time: 0900	Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Spring 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #

Lab Project #
TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 29 of 29

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LKH7529

Table #

Acctnum: TRCATX

Template: T206496

Prelogin: P1140292

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb-HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals	Cyanide - 250mlHDPEAmb-NaOH	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~RW-17A~~	~~Grab~~	~~GW~~				12	x	x	x	x	x	x				x	NOT SAMPLED; DRY	
MW-18	Grab	GW				9	x	x			x	x	x	x				
MW-54A	Grab	GW				8	x	x		x	x	x						
MW-54B	Grab	GW				15	x	x	x	x	x	x			x	x		
NCL-49	Grab	GW				8	x	x		x	x	x						
MW-53R	Grab	GW				8	x	x		x	x	x						
DUP-NCL-01	Grab	GW				8	x	x		x	x	x						
EB-NCL-01	Grab	GW				8	x	x		x	x	x						
TRIP BLANK-NCL-01						1	x											

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via: __ UPS ✓ FedEx __ Courier

Tracking # MvIN

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	4/2/25	1740			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MvHi °C Bottles Received: 14S	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/3/25 Time: 0900	Hold: Condition: NCF OK

Exton Dgt

DC#_Title: Excel Form Template

Effective Date:

Multiple Parcel Form

L# L1847529

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
4479 2446 7007	TLA9	1.5	+0.4	1.9	Yes / No / Not Present
4439 2446 7029	TLA9	2.3	+0.4	2.7	Yes / No / Not Present
4439 2446 6960	TLA9	4.1	+0.4	4.5	Yes / No / Not Present
4439 5926 3105	TLA9	2.2	+0.4	2.6	Yes / No / Not Present
4493 5926 3138	TLA9	1.8	+0.4	2.2	Yes / No / Not Present
4493 5926 3116	TLA9	0.5	+0.4	0.9	Yes / No / Not Present
4493 2446 6950	TLA9	1.5	+0.4	1.9	Yes / No / Not Present
~~4439 2443 7595~~	~~TLA9~~	~~1.5~~	~~+0.4~~	~~1.9~~	Yes / No / Not Present
4439 5926 3090	TLA9	4.5	+0.4	4.9	Yes / No / Not Present
4439 2446 6993	TLA9	4.4	+0.4	4.8	Yes / No / Not Present
4439 5926 3080	TLA9	1.4	+0.4	1.8	Yes / No / Not Present
4439 2446 6952	TLA9	3.0	+0.4	3.4	Yes / No / Not Present
4493 5926 3127	TLA9	2.3	+0.4	=2.7	Yes / No / Not Present
4459 2446 7018	TLA9	0.2	+0.4	=0.6	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Name

4/4/25

Date

ANALYTICAL REPORT

November 12, 2025

Revised Report

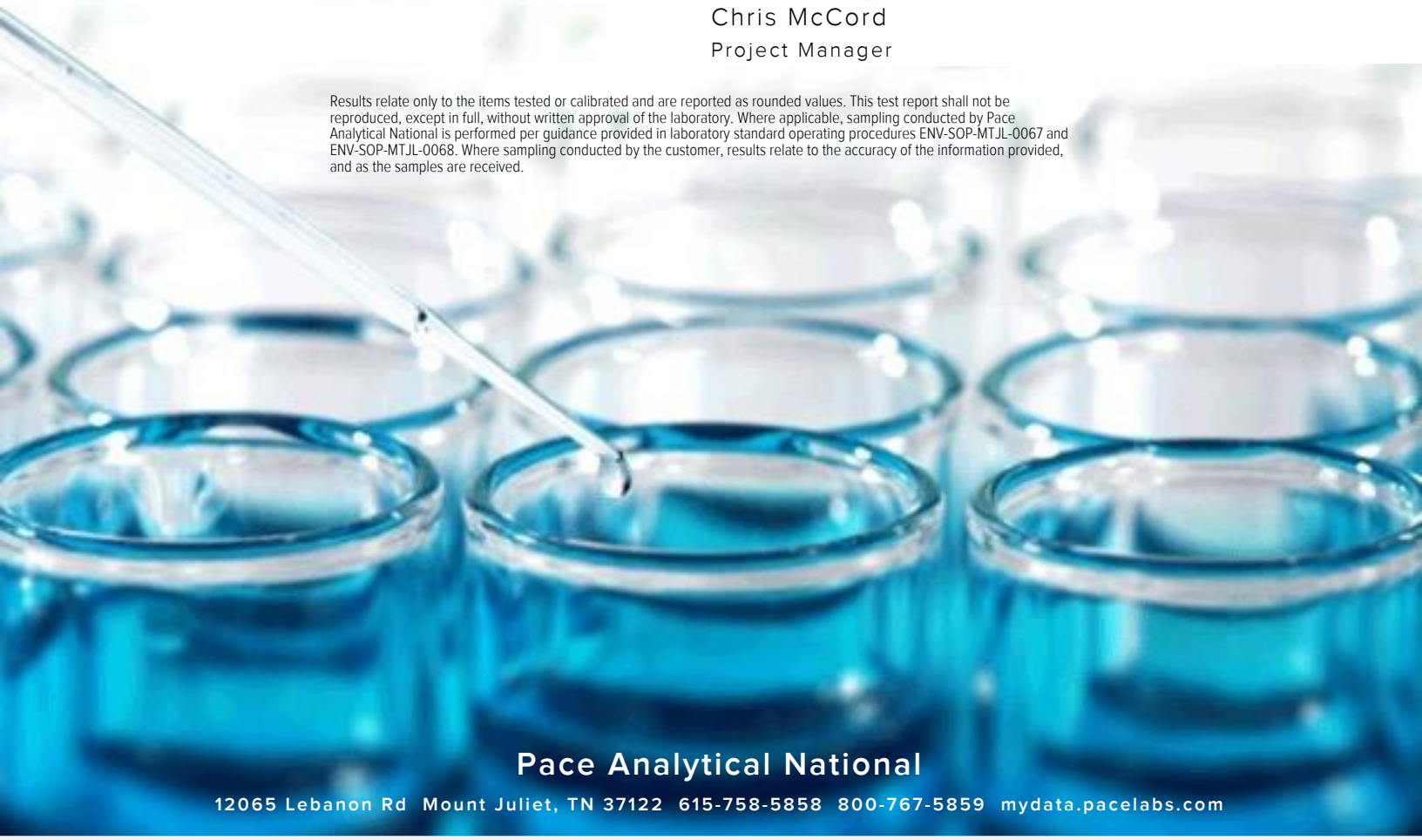
TRC Solutions - Austin, TX

Sample Delivery Group:	L1905636
Samples Received:	10/08/2025
Project Number:	646047.0000.0000
Description:	Artesia Fall 2025
Site:	(NAVAJO - ARTESIA)
Report To:	Julie Speer
	505 E. Huntland Dr, Ste 250
	Austin, TX 78752

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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MW-120 L1905636-01

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:35 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	5	10/09/25 01:27	10/09/25 01:27	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	50	10/09/25 05:03	10/09/25 05:03	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	1	10/08/25 21:08	10/28/25 16:39	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	1	10/08/25 21:08	11/11/25 12:13	JDB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	100	10/08/25 21:08	10/28/25 18:44	JDB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	5	10/08/25 21:08	10/28/25 17:28	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	50	10/08/25 21:08	10/28/25 17:31	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 16:36	10/09/25 16:36	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 01:19	10/09/25 01:19	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	1	10/15/25 19:53	10/17/25 03:59	SGB	Mt. Juliet, TN

MW-121 L1905636-02

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:15 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	5	10/09/25 02:05	10/09/25 02:05	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	50	10/09/25 05:15	10/09/25 05:15	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	1	10/08/25 21:08	10/28/25 17:34	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	1	10/08/25 21:08	11/11/25 12:16	JDB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	20	10/08/25 21:08	10/28/25 18:47	JDB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 16:58	10/09/25 16:58	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	1	10/15/25 19:53	10/19/25 02:38	CAH	Mt. Juliet, TN

MW-84 L1905636-03

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 08:55 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	5	10/09/25 02:17	10/09/25 02:17	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	50	10/09/25 05:27	10/09/25 05:27	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	1	10/08/25 21:08	10/29/25 15:28	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	5	10/08/25 21:08	10/29/25 14:17	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 17:20	10/09/25 17:20	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	20	10/15/25 19:53	10/17/25 07:40	SGB	Mt. Juliet, TN

MW-122 L1905636-04

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:55 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	5	10/09/25 02:30	10/09/25 02:30	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	50	10/09/25 05:38	10/09/25 05:38	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	1	10/08/25 21:08	10/28/25 17:41	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	1	10/08/25 21:08	10/28/25 20:16	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	5	10/08/25 21:08	10/28/25 18:57	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	50	10/08/25 21:08	10/28/25 19:00	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 17:42	10/09/25 17:42	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	1	10/15/25 19:53	10/17/25 04:39	SGB	Mt. Juliet, TN

MW-79 L1905636-05

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:35 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	10	10/09/25 02:42	10/09/25 02:42	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	100	10/09/25 05:50	10/09/25 05:50	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	1	10/08/25 21:08	10/28/25 17:44	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	20	10/08/25 21:08	10/28/25 19:03	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 18:04	10/09/25 18:04	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	1	10/15/25 19:53	10/17/25 04:59	SGB	Mt. Juliet, TN

MW-74 L1905636-06

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:30 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	10	10/09/25 02:54	10/09/25 02:54	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	100	10/09/25 06:02	10/09/25 06:02	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	1	10/08/25 21:08	10/28/25 17:47	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	5	10/08/25 21:08	10/28/25 19:06	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	50	10/08/25 21:08	10/28/25 19:09	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 18:26	10/09/25 18:26	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	5	10/15/25 19:53	10/19/25 02:59	CAH	Mt. Juliet, TN

MW-2A L1905636-07

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 13:30 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	5	10/09/25 03:06	10/09/25 03:06	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	50	10/09/25 06:14	10/09/25 06:14	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	1	10/08/25 21:08	10/28/25 17:50	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	25	10/08/25 21:08	10/28/25 19:22	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	5	10/08/25 21:08	10/28/25 19:13	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 18:49	10/09/25 18:49	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	1	10/15/25 19:53	10/17/25 05:39	SGB	Mt. Juliet, TN

OCD-6 L1905636-08

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 14:25 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	10	10/09/25 03:18	10/09/25 03:18	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	100	10/09/25 06:49	10/09/25 06:49	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	1	10/08/25 21:08	10/28/25 17:53	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	10	10/08/25 21:08	10/28/25 19:25	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616670	100	10/08/25 21:08	10/28/25 19:28	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 19:11	10/09/25 19:11	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	1	10/15/25 19:53	10/17/25 05:59	SGB	Mt. Juliet, TN

EB-EP-01 L1905636-09

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:45 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	1	10/09/25 03:29	10/09/25 03:29	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	1	10/08/25 21:53	10/29/25 12:14	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 13:40	10/09/25 13:40	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	1	10/15/25 19:53	10/17/25 06:20	SGB	Mt. Juliet, TN

EB-EP-04 L1905636-10

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:50 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	1	10/09/25 03:41	10/09/25 03:41	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	1	10/08/25 21:53	10/29/25 12:00	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 14:01	10/09/25 14:01	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	1	10/15/25 19:53	10/17/25 06:40	SGB	Mt. Juliet, TN

TRIP BLANK-EP-01 L1905636-11

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 00:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 00:39	10/09/25 00:39	DWR	Mt. Juliet, TN

MW-88 L1905636-12

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 13:05 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 12:55	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 19:33	10/09/25 19:33	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	1	10/15/25 19:53	10/17/25 07:00	SGB	Mt. Juliet, TN

MW-22A L1905636-13

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 13:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	10	10/09/25 03:53	10/09/25 03:53	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616399	100	10/09/25 07:01	10/09/25 07:01	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 12:58	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	50	10/08/25 21:53	10/29/25 13:02	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 19:55	10/09/25 19:55	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620894	1	10/15/25 19:53	10/17/25 07:20	SGB	Mt. Juliet, TN

MW-10 L1905636-14

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 14:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/08/25 18:37	10/08/25 18:37	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/08/25 18:50	10/08/25 18:50	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 13:05	JPD	Mt. Juliet, TN

MW-10 L1905636-14

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 14:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2616673	50	10/08/25 21:53	10/29/25 13:08	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 20:17	10/09/25 20:17	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/24/25 01:28	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/17/25 22:38	RF	Mt. Juliet, TN

MW-4A L1905636-15

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:25 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/08/25 19:41	10/08/25 19:41	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/08/25 19:53	10/08/25 19:53	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 13:12	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	50	10/08/25 21:53	10/29/25 13:15	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2616977	1	10/09/25 20:39	10/09/25 20:39	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/24/25 02:57	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/17/25 22:58	RF	Mt. Juliet, TN

MW-5A L1905636-16

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:35 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/08/25 20:06	10/08/25 20:06	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/08/25 20:19	10/08/25 20:19	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 13:18	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	50	10/08/25 21:53	10/29/25 13:22	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 14:09	10/09/25 14:09	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/21/25 22:44	JAJ	Mt. Juliet, TN

MW-7A L1905636-17

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:35 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/08/25 20:31	10/08/25 20:31	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/08/25 20:44	10/08/25 20:44	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 13:32	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	50	10/08/25 21:53	10/29/25 13:35	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 14:32	10/09/25 14:32	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 01:39	10/09/25 01:39	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/24/25 00:43	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/21/25 22:00	JAJ	Mt. Juliet, TN

OCD-8A L1905636-18

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/08/25 20:57	10/08/25 20:57	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/08/25 21:09	10/08/25 21:09	GEB	Mt. Juliet, TN

OCD-8A L1905636-18

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2616389	1	10/09/25 09:06	10/09/25 15:39	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	100	10/08/25 21:53	10/29/25 14:22	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 13:38	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	50	10/08/25 21:53	10/29/25 13:42	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 14:56	10/09/25 14:56	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/24/25 01:50	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/17/25 23:59	RF	Mt. Juliet, TN

DUP-EP-01 L1905636-19

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/08/25 21:47	10/08/25 21:47	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/08/25 22:00	10/08/25 22:00	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 13:45	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	50	10/08/25 21:53	10/29/25 13:49	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	5	10/09/25 20:45	10/09/25 20:45	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 01:59	10/09/25 01:59	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 21:43	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/21/25 22:22	JAJ	Mt. Juliet, TN

DUP-EP-02 L1905636-20

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/08/25 22:12	10/08/25 22:12	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/08/25 22:25	10/08/25 22:25	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 13:52	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	50	10/08/25 21:53	10/29/25 13:55	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	10	10/09/25 21:09	10/09/25 21:09	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/24/25 02:12	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/18/25 00:40	RF	Mt. Juliet, TN

EB-EP-03 L1905636-21

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:45 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	1	10/08/25 22:38	10/08/25 22:38	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	1	10/08/25 21:53	10/29/25 13:59	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 13:46	10/09/25 13:46	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 19:51	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/21/25 20:53	JAJ	Mt. Juliet, TN

TRIP BLANK-EP-02 L1905636-22

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 00:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 00:17	10/09/25 00:17	ACG	Mt. Juliet, TN

OCD-1R L1905636-23

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:35 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/08/25 23:28	10/08/25 23:28	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/08/25 23:41	10/08/25 23:41	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	10	10/08/25 21:53	10/29/25 14:09	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	100	10/08/25 21:53	10/29/25 14:12	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 15:19	10/09/25 15:19	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 20:13	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/18/25 01:21	RF	Mt. Juliet, TN

OCD-2A L1905636-24

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:50 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2616673	1	10/08/25 21:53	10/29/25 14:15	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 14:19	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 15:42	10/09/25 15:42	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 21:20	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/21/25 21:15	JAJ	Mt. Juliet, TN

OCD-3 L1905636-25

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:30 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2616673	1	10/08/25 21:53	10/29/25 14:25	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 14:29	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 16:05	10/09/25 16:05	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/24/25 01:05	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/18/25 02:02	RF	Mt. Juliet, TN

OCD-4 L1905636-26

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:50 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2616673	1	10/08/25 21:53	10/29/25 14:32	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 14:35	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 16:28	10/09/25 16:28	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 23:12	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/18/25 02:22	RF	Mt. Juliet, TN

MW-11A L1905636-27

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:10 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/08/25 23:53	10/08/25 23:53	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/09/25 00:06	10/09/25 00:06	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	200	10/08/25 21:53	10/29/25 14:39	JPD	Mt. Juliet, TN

OCD-5 L1905636-28

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:10 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/09/25 00:19	10/09/25 00:19	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/09/25 00:57	10/09/25 00:57	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	10	10/08/25 21:53	10/29/25 14:51	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	100	10/08/25 21:53	10/29/25 14:54	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 16:51	10/09/25 16:51	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 23:56	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/18/25 02:42	RF	Mt. Juliet, TN

MW-87 L1905636-29

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 13:25 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2616673	5	10/08/25 21:53	10/29/25 15:01	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 17:15	10/09/25 17:15	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 22:49	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/21/25 21:37	JAJ	Mt. Juliet, TN

MW-18A L1905636-30

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 14:15 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/09/25 01:09	10/09/25 01:09	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/09/25 01:22	10/09/25 01:22	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 17:39	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	10	10/08/25 21:53	10/29/25 15:04	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616673	200	10/08/25 21:53	10/29/25 15:08	JPD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 23:34	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/18/25 03:23	RF	Mt. Juliet, TN

MW-70 L1905636-31

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 15:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 12:55	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 17:39	10/09/25 17:39	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 22:27	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/18/25 03:43	RF	Mt. Juliet, TN

TRIP BLANK-EP-03 L1905636-32

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 00:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 00:37	10/09/25 00:37	ACG	Mt. Juliet, TN

KWB-7 L1905636-33

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 13:10 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/09/25 01:35	10/09/25 01:35	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/09/25 01:47	10/09/25 01:47	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 17:41	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 13:15	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 01:36	10/09/25 01:36	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/24/25 00:18	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/18/25 04:04	RF	Mt. Juliet, TN

KWB-11A L1905636-34

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:20 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/09/25 02:00	10/09/25 02:00	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/09/25 02:12	10/09/25 02:12	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 17:42	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 16:54	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 18:02	10/09/25 18:02	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 01:56	10/09/25 01:56	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 22:05	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/18/25 04:24	JDG	Mt. Juliet, TN

KWB-11B L1905636-35

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/09/25 02:25	10/09/25 02:25	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/09/25 02:38	10/09/25 02:38	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 17:44	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 13:22	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 18:26	10/09/25 18:26	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 02:16	10/09/25 02:16	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 20:36	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/18/25 04:45	RF	Mt. Juliet, TN

MW-115 L1905636-36

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 08:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/09/25 02:50	10/09/25 02:50	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/09/25 03:28	10/09/25 03:28	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616306	1	10/08/25 20:50	10/09/25 00:56	JTM	Mt. Juliet, TN

MW-115 L1905636-36

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 08:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 17:55	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 15:36	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616681	1	10/09/25 10:57	11/02/25 18:24	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 18:49	10/09/25 18:49	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 02:36	10/09/25 02:36	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616523	1	10/09/25 06:53	10/23/25 20:58	TJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620896	1	10/15/25 19:51	10/18/25 05:05	RF	Mt. Juliet, TN

MW-114 L1905636-37

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:25 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616688	1	10/09/25 02:32	10/09/25 10:04	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/09/25 03:41	10/09/25 03:41	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/09/25 03:52	10/09/25 03:52	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616306	1	10/08/25 20:50	10/09/25 01:08	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 17:57	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 15:39	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616681	1	10/09/25 10:57	11/02/25 18:27	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 19:12	10/09/25 19:12	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 02:56	10/09/25 02:56	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616587	1	10/09/25 07:44	10/14/25 12:01	TJD	Mt. Juliet, TN

MW-125 L1905636-38

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:25 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/09/25 04:04	10/09/25 04:04	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/09/25 04:16	10/09/25 04:16	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616306	1	10/08/25 20:50	10/09/25 01:11	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 17:59	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 15:42	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616681	1	10/09/25 10:57	11/02/25 20:31	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 19:36	10/09/25 19:36	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 03:16	10/09/25 03:16	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616587	1	10/09/25 07:44	10/14/25 12:21	TJD	Mt. Juliet, TN

MW-136 L1905636-39

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 08:50 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/09/25 04:27	10/09/25 04:27	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/09/25 04:39	10/09/25 04:39	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617214	1	10/10/25 22:02	10/12/25 06:46	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 15:45	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	5	10/08/25 22:04	10/29/25 14:04	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 19:59	10/09/25 19:59	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 03:36	10/09/25 03:36	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616587	1	10/09/25 07:44	10/14/25 12:41	TJD	Mt. Juliet, TN

MW-126B L1905636-40

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 14:30 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	10	10/09/25 14:30	10/09/25 14:30	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616402	100	10/09/25 14:41	10/09/25 14:41	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 14:07	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617015	1	10/09/25 20:22	10/09/25 20:22	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 03:55	10/09/25 03:55	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616587	1	10/09/25 07:44	10/14/25 13:01	TJD	Mt. Juliet, TN

MW-160 L1905636-41

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 13:45 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2616646	1	10/09/25 17:46	10/09/25 17:46	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 04:15	10/09/25 04:15	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617081	20	10/10/25 04:26	10/10/25 04:26	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616587	1	10/09/25 07:44	10/14/25 13:21	TJD	Mt. Juliet, TN

MW-161 L1905636-42

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:45 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2616646	1	10/09/25 18:07	10/09/25 18:07	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 04:35	10/09/25 04:35	ACG	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2619277	1	10/13/25 09:06	10/13/25 20:44	MEW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616587	1	10/09/25 07:44	10/14/25 13:42	TJD	Mt. Juliet, TN

MW-162 L1905636-43

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:55 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616788	1	10/09/25 09:08	10/09/25 16:08	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 05:07	10/09/25 05:07	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	100	10/09/25 12:12	10/09/25 12:12	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616306	1	10/08/25 20:50	10/09/25 01:13	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 15:49	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616681	1	10/09/25 10:57	11/02/25 20:06	LD	Mt. Juliet, TN

MW-142 L1905636-44

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 05:18	10/09/25 05:18	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2620325	10	10/14/25 20:49	10/14/25 20:49	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2620325	100	10/14/25 21:01	10/14/25 21:01	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616306	1	10/08/25 20:50	10/09/25 01:20	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 18:01	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 15:52	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616681	1	10/09/25 10:57	11/02/25 20:09	LD	Mt. Juliet, TN

MW-143 L1905636-45

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:25 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 05:29	10/09/25 05:29	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	100	10/09/25 13:28	10/09/25 13:28	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616306	1	10/08/25 20:50	10/09/25 01:23	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 18:02	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 15:55	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616681	1	10/09/25 10:57	11/02/25 20:12	LD	Mt. Juliet, TN

MW-163 L1905636-46

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:05 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 05:40	10/09/25 05:40	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	100	10/09/25 13:49	10/09/25 13:49	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616306	1	10/08/25 20:50	10/09/25 01:25	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 15:58	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616681	1	10/09/25 10:57	11/02/25 20:15	LD	Mt. Juliet, TN

MW-104 L1905636-47

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616688	1	10/09/25 02:32	10/09/25 10:04	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 05:51	10/09/25 05:51	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 14:00	10/09/25 14:00	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 16:02	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 15:21	10/09/25 15:21	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 04:55	10/09/25 04:55	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616587	1	10/09/25 07:44	10/14/25 14:02	TJD	Mt. Juliet, TN

MW-64 L1905636-48

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:55 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 06:02	10/09/25 06:02	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 14:44	10/09/25 14:44	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 16:41	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	25	10/09/25 19:39	10/09/25 19:39	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	500	10/09/25 06:14	10/09/25 06:14	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616587	1	10/09/25 07:44	10/14/25 14:22	TJD	Mt. Juliet, TN

MW-102 L1905636-49

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:30 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 06:13	10/09/25 06:13	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 15:05	10/09/25 15:05	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 16:44	LD	Mt. Juliet, TN

MW-102 L1905636-49

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:30 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2620181	20	10/14/25 22:02	10/14/25 22:02	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 05:15	10/09/25 05:15	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617081	25	10/10/25 04:46	10/10/25 04:46	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617796	500	10/11/25 23:56	10/11/25 23:56	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616587	5	10/09/25 07:44	10/15/25 04:24	CAH	Mt. Juliet, TN

MW-116 L1905636-50

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:25 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 06:23	10/09/25 06:23	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	100	10/09/25 15:38	10/09/25 15:38	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616306	1	10/08/25 20:50	10/09/25 01:27	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 18:04	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 16:48	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616681	1	10/09/25 10:57	11/02/25 20:25	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 16:04	10/09/25 16:04	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 05:34	10/09/25 05:34	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617081	1	10/10/25 05:06	10/10/25 05:06	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616587	1	10/09/25 07:44	10/14/25 15:02	TJD	Mt. Juliet, TN

MW-46R L1905636-51

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:05 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 06:34	10/09/25 06:34	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 15:49	10/09/25 15:49	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	100	10/09/25 16:00	10/09/25 16:00	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 15:08	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 05:54	10/09/25 05:54	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617081	1	10/10/25 05:27	10/10/25 05:27	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616587	1	10/09/25 07:44	10/14/25 15:22	TJD	Mt. Juliet, TN

MW-144 L1905636-52

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 13:50 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 06:45	10/09/25 06:45	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	100	10/09/25 16:43	10/09/25 16:43	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616306	1	10/08/25 20:50	10/09/25 01:30	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 18:06	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 16:51	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616681	1	10/09/25 10:57	11/02/25 20:28	LD	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

DUP-REST-02 L1905636-53

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 07:18	10/09/25 07:18	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 16:54	10/09/25 16:54	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616675	1	10/08/25 22:04	10/29/25 15:14	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	20	10/09/25 20:00	10/09/25 20:00	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	500	10/09/25 06:34	10/09/25 06:34	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 17:13	CAH	Mt. Juliet, TN

EB-REST-02 L1905636-54

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:45 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	1	10/09/25 11:18	10/09/25 11:18	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2620325	1	10/14/25 21:12	10/14/25 21:12	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/05/25 20:56	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 13:55	10/09/25 13:55	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 01:17	10/09/25 01:17	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 17:33	CAH	Mt. Juliet, TN

TRIP BLANK-REST-03 L1905636-55

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 00:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616759	1	10/09/25 00:57	10/09/25 00:57	ACG	Mt. Juliet, TN

MW-101 L1905636-56

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:15 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 07:28	10/09/25 07:28	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 17:15	10/09/25 17:15	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/05/25 20:59	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 16:25	10/09/25 16:25	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 02:19	10/09/25 02:19	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 17:53	CAH	Mt. Juliet, TN

MW-105 L1905636-57

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:35 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 07:39	10/09/25 07:39	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2620325	10	10/14/25 21:24	10/14/25 21:24	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/05/25 21:02	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2620181	10	10/14/25 21:39	10/14/25 21:39	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 02:39	10/09/25 02:39	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617097	100	10/10/25 00:44	10/10/25 00:44	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 18:14	CAH	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

TEL-4 L1905636-58

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:25 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 07:50	10/09/25 07:50	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 17:59	10/09/25 17:59	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/05/25 21:06	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 17:08	10/09/25 17:08	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 02:59	10/09/25 02:59	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617097	1	10/10/25 01:07	10/10/25 01:07	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 18:34	CAH	Mt. Juliet, TN

MW-56 L1905636-59

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:55 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 08:01	10/09/25 08:01	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616306	1	10/08/25 20:50	10/09/25 01:32	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 18:08	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/05/25 21:09	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616681	1	10/09/25 10:57	11/02/25 19:01	LD	Mt. Juliet, TN

MW-49 L1905636-60

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:35 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 08:12	10/09/25 08:12	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 19:04	10/09/25 19:04	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 18:09	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/05/25 21:12	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	10	10/09/25 20:22	10/09/25 20:22	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	10	10/09/25 06:41	10/09/25 06:41	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 18:54	CAH	Mt. Juliet, TN

MW-106 L1905636-61

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 08:23	10/09/25 08:23	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 19:25	10/09/25 19:25	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/05/25 21:15	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 17:30	10/09/25 17:30	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 03:20	10/09/25 03:20	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617097	100	10/10/25 01:30	10/10/25 01:30	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 19:14	CAH	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

MW-45 L1905636-62

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 08:55 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 08:33	10/09/25 08:33	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	100	10/09/25 19:58	10/09/25 19:58	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2616885	1	10/09/25 08:15	10/09/25 18:11	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/05/25 20:29	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 03:40	10/09/25 03:40	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617097	1	10/10/25 01:53	10/10/25 01:53	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 19:35	CAH	Mt. Juliet, TN

MW-157 L1905636-63

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 17:51	10/09/25 17:51	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 04:00	10/09/25 04:00	GLN	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617097	100	10/10/25 02:16	10/10/25 02:16	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 19:55	CAH	Mt. Juliet, TN

MW-158 L1905636-64

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:25 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 18:13	10/09/25 18:13	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 04:20	10/09/25 04:20	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617097	1	10/10/25 02:39	10/10/25 02:39	KST	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2619277	1.04	10/13/25 09:06	10/13/25 20:54	MEW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 20:15	CAH	Mt. Juliet, TN

MW-159 L1905636-65

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:05 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 18:34	10/09/25 18:34	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 04:40	10/09/25 04:40	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617097	20	10/10/25 03:02	10/10/25 03:02	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 20:36	CAH	Mt. Juliet, TN

DUP-TEL-01 L1905636-66

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616688	1	10/09/25 02:32	10/09/25 10:04	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616409	10	10/09/25 08:49	10/09/25 08:49	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2620325	10	10/14/25 21:47	10/14/25 21:47	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2620325	100	10/14/25 21:59	10/14/25 21:59	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/05/25 21:19	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	5	10/09/25 20:44	10/09/25 20:44	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 05:00	10/09/25 05:00	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617097	1	10/10/25 03:25	10/10/25 03:25	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 20:56	CAH	Mt. Juliet, TN

EB-TEL-01 L1905636-67

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:50 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2619527	1	10/13/25 15:22	10/13/25 19:24	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	1	10/08/25 22:59	10/08/25 22:59	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/05/25 21:22	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 14:16	10/09/25 14:16	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2616735	1	10/09/25 00:59	10/09/25 00:59	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 21:16	CAH	Mt. Juliet, TN

TRIP BLANK-REST-04 L1905636-68

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 00:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617425	1	10/10/25 08:08	10/10/25 08:08	WHS	Mt. Juliet, TN

TRIP BLANK-TEL-01 L1905636-69

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 00:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617425	1	10/10/25 08:29	10/10/25 08:29	WHS	Mt. Juliet, TN

MW-139 L1905636-70

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 11:20 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	10	10/08/25 23:45	10/08/25 23:45	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	100	10/09/25 02:35	10/09/25 02:35	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/06/25 00:26	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 18:56	10/09/25 18:56	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617425	1	10/10/25 09:50	10/10/25 09:50	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 21:37	CAH	Mt. Juliet, TN

MW-50 L1905636-71

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616688	1	10/09/25 02:32	10/09/25 10:04	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	10	10/08/25 23:56	10/08/25 23:56	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	100	10/09/25 02:46	10/09/25 02:46	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/06/25 00:30	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617425	1	10/10/25 10:10	10/10/25 10:10	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620581	1	10/18/25 12:27	10/19/25 20:23	ENR	Mt. Juliet, TN

MW-90 L1905636-72

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	10	10/09/25 00:07	10/09/25 00:07	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	100	10/09/25 02:58	10/09/25 02:58	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/06/25 00:33	LD	Mt. Juliet, TN

MW-90 L1905636-72

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 12:40 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2617194	1	10/09/25 19:17	10/09/25 19:17	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617425	1	10/10/25 10:31	10/10/25 10:31	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 22:17	CAH	Mt. Juliet, TN

MW-108 L1905636-73

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 13:20 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616690	1	10/09/25 01:01	10/09/25 08:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	5	10/09/25 00:19	10/09/25 00:19	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	50	10/09/25 03:09	10/09/25 03:09	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/06/25 00:36	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617425	1	10/10/25 10:51	10/10/25 10:51	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 22:37	CAH	Mt. Juliet, TN

NCL-31 L1905636-74

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 14:00 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	5	10/09/25 00:30	10/09/25 00:30	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	50	10/09/25 03:20	10/09/25 03:20	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/06/25 00:39	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617425	1	10/10/25 11:11	10/10/25 11:11	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 22:58	CAH	Mt. Juliet, TN

MW-54A L1905636-75

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 10:25 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2617307	1	10/09/25 15:44	10/10/25 10:11	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	10	10/09/25 00:41	10/09/25 00:41	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	100	10/09/25 03:32	10/09/25 03:32	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/06/25 00:42	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617548	1	10/10/25 16:14	10/10/25 16:14	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 23:18	CAH	Mt. Juliet, TN

NCL-49 L1905636-76

Collected by: Scott Ude/HMI Team | Collected date/time: 10/07/25 09:10 | Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2617307	1	10/09/25 15:44	10/10/25 10:11	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	10	10/09/25 00:53	10/09/25 00:53	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	100	10/09/25 04:06	10/09/25 04:06	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/06/25 00:45	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617548	1	10/10/25 16:38	10/10/25 16:38	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2616588	1	10/09/25 07:46	10/14/25 23:38	CAH	Mt. Juliet, TN

DUP-NCL-01 L1905636-77

Collected by: Scott Ude/HMI Team
Collected date/time: 10/07/25 10:00
Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	10	10/09/25 01:27	10/09/25 01:27	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	100	10/09/25 04:17	10/09/25 04:17	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/06/25 00:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617548	1	10/10/25 17:01	10/10/25 17:01	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620579	1	10/15/25 16:15	10/16/25 12:49	TJD	Mt. Juliet, TN

EB-NCL-01 L1905636-78

Collected by: Scott Ude/HMI Team
Collected date/time: 10/07/25 09:30
Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2616789	1	10/09/25 10:09	10/10/25 17:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2616465	1	10/09/25 01:38	10/09/25 01:38	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2616678	1	10/08/25 22:44	11/06/25 00:51	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617548	1	10/10/25 15:51	10/10/25 15:51	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2620579	1	10/15/25 16:15	10/16/25 13:11	TJD	Mt. Juliet, TN

TRIP BLANK-NCL-01 L1905636-79

Collected by: Scott Ude/HMI Team
Collected date/time: 10/07/25 00:00
Received date/time: 10/08/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2617548	1	10/10/25 15:27	10/10/25 15:27	ADM	Mt. Juliet, TN

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Report Revision History

Level II Report - Version 1: 11/11/25 14:51

Project Comments

11/12/25: Reran to include Arsenic data at lower dilutions on -01, -02.

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Batch	Method	Lab Sample ID
WG2620894	8015D	L1905636-01, 03
WG2620896	8015D	L1905636-18, 20, 30

Wet Chemistry by Method 9056A

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG2616399	(MS) R4286685-4	Nitrate as (N)
WG2616399	(MSD) R4286685-5	Nitrate as (N)
WG2616399	(MS) R4286685-7	Nitrate as (N)
WG2616402	(MS) R4284868-5	Chloride and Sulfate
WG2616409	(MS) R4286680-8	Sulfate

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2616409	(DUP) R4286680-6	Fluoride, Nitrate as (N) and Nitrite as (N)

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2616399	(MS) R4286685-7, (MSD) R4286685-5	Chloride, Nitrate as (N) and Sulfate
WG2616402	(MS) R4284868-5, L1905636-14	Fluoride, Nitrate as (N) and Nitrite as (N)
WG2616409	(MS) R4286680-4, (MS) R4286680-8, (MSD) R4286680-5, L1905636-54	Chloride, Fluoride, Nitrate as (N), Nitrite as (N) and Sulfate

Wet Chemistry by Method 9056A

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2616402	(MS) R4284868-5	Chloride and Sulfate
WG2616409	(MS) R4286680-8	Chloride and Sulfate

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2616409	(MSD) R4286680-5	Fluoride

Metals (ICPMS) by Method 6020B

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2616675	(MS) R4293695-4, (MSD) R4293695-5	Calcium and Sodium
WG2616678	(MS) R4296956-4, (MSD) R4296956-5, L1905636-62	Calcium and Sodium
WG2616681	(MS) R4295275-4, (MSD) R4295275-5	Iron,Dissolved and Manganese,Dissolved

Volatile Organic Compounds (GC/MS) by Method 8260D

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2616735	L1905636-01	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-11	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-17	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-19	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-56	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-57	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-58	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-60	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-61	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-62	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-63	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-64	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-65	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-66	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616735	L1905636-67	1,1,2,2-Tetrachloroethane, Bromoform, Bromomethane, Naphthalene and tert-Butyl alcohol
WG2616759	L1905636-22	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-32	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-33	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-34	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-35	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-36	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-37	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-38	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-39	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-40	Bromomethane, Carbon tetrachloride and Vinyl chloride

Volatile Organic Compounds (GC/MS) by Method 8260D

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2616759	L1905636-41	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-42	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-47	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-48	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-49	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-50	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-51	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-53	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-54	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2616759	L1905636-55	Bromomethane, Carbon tetrachloride and Vinyl chloride
WG2617425	L1905636-68	Bromoform and Bromomethane
WG2617425	L1905636-69	Bromoform and Bromomethane
WG2617425	L1905636-70	Bromoform and Bromomethane
WG2617425	L1905636-71	Bromoform and Bromomethane
WG2617425	L1905636-72	Bromoform and Bromomethane
WG2617425	L1905636-73	Bromoform and Bromomethane
WG2617425	L1905636-74	Bromoform and Bromomethane
WG2617548	L1905636-75	Bromomethane
WG2617548	L1905636-76	Bromomethane
WG2617548	L1905636-77	Bromomethane
WG2617548	L1905636-78	Bromomethane
WG2617548	L1905636-79	Bromomethane

Semi-Volatile Organic Compounds (GC) by Method 8015D

Surrogate recovery limits have been exceeded; values are outside upper control limits.

Batch	Analyte	Lab Sample ID
WG2616523	o-Terphenyl	L1905636-33
WG2616587	o-Terphenyl	(LCS) R4286563-2, (LCSD) R4286563-3
WG2620894	o-Terphenyl	(LCS) R4288332-2, (LCSD) R4288332-3, L1905636-06

Surrogate recovery limits have been exceeded; values are outside lower control limits.

Batch	Analyte	Lab Sample ID
WG2616588	o-Terphenyl	L1905636-60, 75
WG2620896	o-Terphenyl	L1905636-15, 20, 36

Surrogate recovery cannot be used for control limit evaluation due to dilution.

Batch	Analyte	Lab Sample ID
WG2620894	o-Terphenyl	L1905636-03

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2620896	TPH (GC/FID) High Fraction	L1905636-14, 17, 18, 19, 21, 23, 24, 25, 26, 28, 29, 30, 31, 33, 34, 35, 36

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2616523	(LCS) R4287207-2, (LCSD) R4287207-3, L1905636-14, 15, 17, 18, 19, 20, 21, 23, 24, 25, 26, 28, 29, 30, 31, 33, 34, 35, 36	TPH (GC/FID) High Fraction

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	8960		200	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	2930		27.4	50.0	50	10/09/2025 05:03	WG2616399
Fluoride	3.81		0.380	0.750	5	10/09/2025 01:27	WG2616399
Nitrate as (N)	U		0.442	0.500	5	10/09/2025 01:27	WG2616399
Nitrite as (N)	U		0.397	0.500	5	10/09/2025 01:27	WG2616399
Sulfate	3440		31.8	250	50	10/09/2025 05:03	WG2616399

Sample Narrative:

L1905636-01 WG2616399: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00585		0.000120	0.00200	1	11/11/2025 12:13	WG2616670
Barium	0.0154		0.000500	0.00200	1	10/28/2025 16:39	WG2616670
Calcium	697		4.62	50.0	50	10/28/2025 17:31	WG2616670
Chromium	0.00105	J	0.000900	0.00200	1	10/28/2025 16:39	WG2616670
Iron	37.7		1.13	5.00	50	10/28/2025 17:31	WG2616670
Lead	U		0.000500	0.00200	1	10/28/2025 16:39	WG2616670
Manganese	1.22		0.00350	0.0250	5	10/28/2025 17:28	WG2616670
Potassium	4.45		0.0965	2.00	1	10/28/2025 16:39	WG2616670
Selenium	0.00665		0.000250	0.00200	1	10/28/2025 16:39	WG2616670
Sodium	2080		14.2	200	100	10/28/2025 18:44	WG2616670

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 16:36	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*96.0*			*78.0-120*		*10/09/2025 16:36*	WG2616977

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0469	0.0500	1	10/09/2025 01:19	WG2616735
Benzene	U		0.000320	0.00100	1	10/09/2025 01:19	WG2616735
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 01:19	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 01:19	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 01:19	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 01:19	WG2616735
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 01:19	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 01:19	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 01:19	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 01:19	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 01:19	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 01:19	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 01:19	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 01:19	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 01:19	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 01:19	WG2616735

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 01:19	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 01:19	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 01:19	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 01:19	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 01:19	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 01:19	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 01:19	WG2616735
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 01:19	WG2616735
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 01:19	WG2616735
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 01:19	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 01:19	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 01:19	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 01:19	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 01:19	WG2616735
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 01:19	WG2616735
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 01:19	WG2616735
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 01:19	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 01:19	WG2616735
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	10/09/2025 01:19	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 01:19	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 01:19	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 01:19	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 01:19	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 01:19	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 01:19	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 01:19	WG2616735
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 01:19	WG2616735
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 01:19	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 01:19	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 01:19	WG2616735
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 01:19	WG2616735
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 01:19	WG2616735
(S) Toluene-d8	*92.6*			*80.0-120*		*10/09/2025 01:19*	WG2616735
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*10/09/2025 01:19*	WG2616735
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/09/2025 01:19*	WG2616735

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.74		0.0605	0.100	1	10/17/2025 03:59	WG2620894
(S) o-Terphenyl	*109*			*52.0-156*		*10/17/2025 03:59*	WG2620894

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	4750		100	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	1150		27.4	50.0	50	10/09/2025 05:15	WG2616399
Fluoride	4.80		0.380	0.750	5	10/09/2025 02:05	WG2616399
Nitrate as (N)	U		0.442	0.500	5	10/09/2025 02:05	WG2616399
Nitrite as (N)	U		0.397	0.500	5	10/09/2025 02:05	WG2616399
Sulfate	2070		31.8	250	50	10/09/2025 05:15	WG2616399

Sample Narrative:

L1905636-02 WG2616399: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.0277		0.000120	0.00200	1	11/11/2025 12:16	WG2616670
Barium	0.0147		0.000500	0.00200	1	10/28/2025 17:34	WG2616670
Calcium	730		1.85	20.0	20	10/28/2025 18:47	WG2616670
Chromium	U		0.000900	0.00200	1	10/28/2025 17:34	WG2616670
Iron	0.233		0.0226	0.100	1	10/28/2025 17:34	WG2616670
Lead	U		0.000500	0.00200	1	10/28/2025 17:34	WG2616670
Manganese	1.43		0.0140	0.100	20	10/28/2025 18:47	WG2616670
Potassium	3.67		0.0965	2.00	1	10/28/2025 17:34	WG2616670
Selenium	0.00240		0.000250	0.00200	1	10/28/2025 17:34	WG2616670
Sodium	590		2.84	40.0	20	10/28/2025 18:47	WG2616670

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 16:58	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*96.6*			*78.0-120*		*10/09/2025 16:58*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	1.33		0.0605	0.100	1	10/19/2025 02:38	WG2620894
(S) o-Terphenyl	*131*			*52.0-156*		*10/19/2025 02:38*	WG2620894

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	9200		100	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	1290		27.4	50.0	50	10/09/2025 05:27	WG2616399
Fluoride	5.86		0.380	0.750	5	10/09/2025 02:17	WG2616399
Nitrate as (N)	U		0.442	0.500	5	10/09/2025 02:17	WG2616399
Nitrite as (N)	U		0.397	0.500	5	10/09/2025 02:17	WG2616399
Sulfate	4240		31.8	250	50	10/09/2025 05:27	WG2616399

Sample Narrative:

L1905636-03 WG2616399: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.192		0.000120	0.00200	1	10/29/2025 15:28	WG2616670
Barium	0.0152		0.000500	0.00200	1	10/29/2025 15:28	WG2616670
Calcium	587		0.0925	1.00	1	10/29/2025 15:28	WG2616670
Chromium	0.00430		0.000900	0.00200	1	10/29/2025 15:28	WG2616670
Iron	14.9		0.113	0.500	5	10/29/2025 14:17	WG2616670
Lead	U		0.000500	0.00200	1	10/29/2025 15:28	WG2616670
Manganese	2.32		0.000700	0.00500	1	10/29/2025 15:28	WG2616670
Potassium	5.86		0.0965	2.00	1	10/29/2025 15:28	WG2616670
Selenium	0.00603		0.000250	0.00200	1	10/29/2025 15:28	WG2616670
Sodium	1490		0.710	10.0	5	10/29/2025 14:17	WG2616670

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	0.806		0.0594	0.100	1	10/09/2025 17:20	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*99.1*			*78.0-120*		*10/09/2025 17:20*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	89.2		1.21	2.00	20	10/17/2025 07:40	WG2620894
(S) o-Terphenyl	*0.000*	J7		*52.0-156*		*10/17/2025 07:40*	WG2620894

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4940		100	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1270		27.4	50.0	50	10/09/2025 05:38	WG2616399
Fluoride	2.31		0.380	0.750	5	10/09/2025 02:30	WG2616399
Nitrate as (N)	U		0.442	0.500	5	10/09/2025 02:30	WG2616399
Nitrite as (N)	U		0.397	0.500	5	10/09/2025 02:30	WG2616399
Sulfate	1870		31.8	250	50	10/09/2025 05:38	WG2616399

Sample Narrative:

L1905636-04 WG2616399: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00498	J	0.000600	0.0100	5	10/28/2025 18:57	WG2616670
Barium	0.0220		0.000500	0.00200	1	10/28/2025 17:41	WG2616670
Calcium	438		4.62	50.0	50	10/28/2025 19:00	WG2616670
Chromium	U		0.000900	0.00200	1	10/28/2025 17:41	WG2616670
Iron	6.29		0.0226	0.100	1	10/28/2025 20:16	WG2616670
Lead	U		0.000500	0.00200	1	10/28/2025 17:41	WG2616670
Manganese	1.56		0.00350	0.0250	5	10/28/2025 18:57	WG2616670
Potassium	3.80		0.0965	2.00	1	10/28/2025 17:41	WG2616670
Selenium	U		0.000250	0.00200	1	10/28/2025 17:41	WG2616670
Sodium	1020		7.10	100	50	10/28/2025 19:00	WG2616670

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 17:42	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*97.1*			*78.0-120*		*10/09/2025 17:42*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.219		0.0605	0.100	1	10/17/2025 04:39	WG2620894
(S) o-Terphenyl	*113*			*52.0-156*		*10/17/2025 04:39*	WG2620894

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	4960		100	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	1300		54.7	100	100	10/09/2025 05:50	WG2616399
Fluoride	5.01		0.761	1.50	10	10/09/2025 02:42	WG2616399
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 02:42	WG2616399
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 02:42	WG2616399
Sulfate	1890		63.7	500	100	10/09/2025 05:50	WG2616399

Sample Narrative:

L1905636-05 WG2616399: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00352	J	0.00240	0.0400	20	10/28/2025 19:03	WG2616670
Barium	0.0130		0.000500	0.00200	1	10/28/2025 17:44	WG2616670
Calcium	631		1.85	20.0	20	10/28/2025 19:03	WG2616670
Chromium	U		0.000900	0.00200	1	10/28/2025 17:44	WG2616670
Iron	0.0451	J	0.0226	0.100	1	10/28/2025 17:44	WG2616670
Lead	U		0.000500	0.00200	1	10/28/2025 17:44	WG2616670
Manganese	2.42		0.0140	0.100	20	10/28/2025 19:03	WG2616670
Potassium	6.12		0.0965	2.00	1	10/28/2025 17:44	WG2616670
Selenium	0.00241		0.000250	0.00200	1	10/28/2025 17:44	WG2616670
Sodium	805		2.84	40.0	20	10/28/2025 19:03	WG2616670

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 18:04	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*97.2*			*78.0-120*		*10/09/2025 18:04*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.390		0.0605	0.100	1	10/17/2025 04:59	WG2620894
(S) o-Terphenyl	*113*			*52.0-156*		*10/17/2025 04:59*	WG2620894

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	8060		200	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1920		54.7	100	100	10/09/2025 06:02	WG2616399
Fluoride	7.15		0.761	1.50	10	10/09/2025 02:54	WG2616399
Nitrate as (N)	9.35		0.884	1.00	10	10/09/2025 02:54	WG2616399
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 02:54	WG2616399
Sulfate	3340		63.7	500	100	10/09/2025 06:02	WG2616399

Sample Narrative:

L1905636-06 WG2616399: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0651		0.000600	0.0100	5	10/28/2025 19:06	WG2616670
Barium	0.0442		0.000500	0.00200	1	10/28/2025 17:47	WG2616670
Calcium	555		4.62	50.0	50	10/28/2025 19:09	WG2616670
Chromium	0.00165	J	0.000900	0.00200	1	10/28/2025 17:47	WG2616670
Iron	0.231		0.0226	0.100	1	10/28/2025 17:47	WG2616670
Lead	0.00345		0.000500	0.00200	1	10/28/2025 17:47	WG2616670
Manganese	1.32		0.00350	0.0250	5	10/28/2025 19:06	WG2616670
Potassium	28.0		0.0965	2.00	1	10/28/2025 17:47	WG2616670
Selenium	0.0323		0.000250	0.00200	1	10/28/2025 17:47	WG2616670
Sodium	2050		7.10	100	50	10/28/2025 19:09	WG2616670

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.970		0.0594	0.100	1	10/09/2025 18:26	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*78.0-120*		*10/09/2025 18:26*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	13.4		0.303	0.500	5	10/19/2025 02:59	WG2620894
(S) o-Terphenyl	*185*	J1		*52.0-156*		*10/19/2025 02:59*	WG2620894

Sample Narrative:

L1905636-06 WG2620894: Dilution and surrogate failure due to matrix interference.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4310		100	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1040		27.4	50.0	50	10/09/2025 06:14	WG2616399
Fluoride	2.27		0.380	0.750	5	10/09/2025 03:06	WG2616399
Nitrate as (N)	U		0.442	0.500	5	10/09/2025 03:06	WG2616399
Nitrite as (N)	U		0.397	0.500	5	10/09/2025 03:06	WG2616399
Sulfate	1580		31.8	250	50	10/09/2025 06:14	WG2616399

Sample Narrative:

L1905636-07 WG2616399: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00586	J	0.000600	0.0100	5	10/28/2025 19:13	WG2616670
Barium	0.0198		0.000500	0.00200	1	10/28/2025 17:50	WG2616670
Calcium	444		2.31	25.0	25	10/28/2025 19:22	WG2616670
Chromium	U		0.000900	0.00200	1	10/28/2025 17:50	WG2616670
Iron	0.218		0.0226	0.100	1	10/28/2025 17:50	WG2616670
Lead	U		0.000500	0.00200	1	10/28/2025 17:50	WG2616670
Manganese	1.26		0.00350	0.0250	5	10/28/2025 19:13	WG2616670
Potassium	3.19		0.0965	2.00	1	10/28/2025 17:50	WG2616670
Selenium	0.00189	J	0.000250	0.00200	1	10/28/2025 17:50	WG2616670
Sodium	821		3.55	50.0	25	10/28/2025 19:22	WG2616670

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 18:49	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*97.1*			*78.0-120*		*10/09/2025 18:49*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.162		0.0605	0.100	1	10/17/2025 05:39	WG2620894
(S) o-Terphenyl	*112*			*52.0-156*		*10/17/2025 05:39*	WG2620894

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	12600		200	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	4850		54.7	100	100	10/09/2025 06:49	WG2616399
Fluoride	2.52		0.761	1.50	10	10/09/2025 03:18	WG2616399
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 03:18	WG2616399
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 03:18	WG2616399
Sulfate	2830		63.7	500	100	10/09/2025 06:49	WG2616399

Sample Narrative:

L1905636-08 WG2616399: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00713	J	0.00120	0.0200	10	10/28/2025 19:25	WG2616670
Barium	0.0261		0.000500	0.00200	1	10/28/2025 17:53	WG2616670
Calcium	1050		9.25	100	100	10/28/2025 19:28	WG2616670
Chromium	U		0.000900	0.00200	1	10/28/2025 17:53	WG2616670
Iron	3.86		0.0226	0.100	1	10/28/2025 17:53	WG2616670
Lead	U		0.000500	0.00200	1	10/28/2025 17:53	WG2616670
Manganese	2.70		0.00700	0.0500	10	10/28/2025 19:25	WG2616670
Potassium	14.7		0.0965	2.00	1	10/28/2025 17:53	WG2616670
Selenium	0.000636	J	0.000250	0.00200	1	10/28/2025 17:53	WG2616670
Sodium	2990		14.2	200	100	10/28/2025 19:28	WG2616670

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.185		0.0594	0.100	1	10/09/2025 19:11	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*78.0-120*		*10/09/2025 19:11*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.717		0.0605	0.100	1	10/17/2025 05:59	WG2620894
(S) o-Terphenyl	*113*			*52.0-156*		*10/17/2025 05:59*	WG2620894

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	10/09/2025 03:29	WG2616399
Fluoride	U		0.0761	0.150	1	10/09/2025 03:29	WG2616399
Nitrate as (N)	U		0.0884	0.100	1	10/09/2025 03:29	WG2616399
Nitrite as (N)	U		0.0794	0.100	1	10/09/2025 03:29	WG2616399
Sulfate	U		0.637	5.00	1	10/09/2025 03:29	WG2616399

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	10/29/2025 12:14	WG2616673
Barium	U		0.000500	0.00200	1	10/29/2025 12:14	WG2616673
Calcium	0.132	J	0.0925	1.00	1	10/29/2025 12:14	WG2616673
Chromium	U		0.000900	0.00200	1	10/29/2025 12:14	WG2616673
Iron	U		0.0226	0.100	1	10/29/2025 12:14	WG2616673
Lead	U		0.000500	0.00200	1	10/29/2025 12:14	WG2616673
Manganese	U		0.000700	0.00500	1	10/29/2025 12:14	WG2616673
Potassium	U		0.0965	2.00	1	10/29/2025 12:14	WG2616673
Selenium	U		0.000250	0.00200	1	10/29/2025 12:14	WG2616673
Sodium	0.207	J	0.142	2.00	1	10/29/2025 12:14	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 13:40	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*97.2*			*78.0-120*		*10/09/2025 13:40*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.115		0.0605	0.100	1	10/17/2025 06:20	WG2620894
(S) o-Terphenyl	*114*			*52.0-156*		*10/17/2025 06:20*	WG2620894

EB-LT-04
Collected date/time: 10/07/25 11:50
L1905636

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	10/09/2025 03:41	WG2616399
Fluoride	U		0.0761	0.150	1	10/09/2025 03:41	WG2616399
Nitrate as (N)	U		0.0884	0.100	1	10/09/2025 03:41	WG2616399
Nitrite as (N)	U		0.0794	0.100	1	10/09/2025 03:41	WG2616399
Sulfate	U		0.637	5.00	1	10/09/2025 03:41	WG2616399

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	10/29/2025 12:00	WG2616673
Barium	0.000663	J	0.000500	0.00200	1	10/29/2025 12:00	WG2616673
Calcium	0.136	J	0.0925	1.00	1	10/29/2025 12:00	WG2616673
Chromium	U		0.000900	0.00200	1	10/29/2025 12:00	WG2616673
Iron	U		0.0226	0.100	1	10/29/2025 12:00	WG2616673
Lead	U		0.000500	0.00200	1	10/29/2025 12:00	WG2616673
Manganese	U		0.000700	0.00500	1	10/29/2025 12:00	WG2616673
Potassium	U		0.0965	2.00	1	10/29/2025 12:00	WG2616673
Selenium	U		0.000250	0.00200	1	10/29/2025 12:00	WG2616673
Sodium	0.226	J	0.142	2.00	1	10/29/2025 12:00	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 14:01	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*97.4*			*78.0-120*		*10/09/2025 14:01*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/17/2025 06:40	WG2620894
(S) o-Terphenyl	*117*			*52.0-156*		*10/17/2025 06:40*	WG2620894

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 00:39	WG2616735
Benzene	U		0.000320	0.00100	1	10/09/2025 00:39	WG2616735
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 00:39	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 00:39	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 00:39	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 00:39	WG2616735
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 00:39	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 00:39	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 00:39	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 00:39	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 00:39	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 00:39	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 00:39	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 00:39	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 00:39	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 00:39	WG2616735
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 00:39	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 00:39	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 00:39	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 00:39	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 00:39	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 00:39	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 00:39	WG2616735
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 00:39	WG2616735
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 00:39	WG2616735
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 00:39	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 00:39	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 00:39	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 00:39	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 00:39	WG2616735
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 00:39	WG2616735
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 00:39	WG2616735
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 00:39	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 00:39	WG2616735
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	10/09/2025 00:39	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 00:39	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 00:39	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 00:39	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 00:39	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 00:39	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 00:39	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 00:39	WG2616735
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 00:39	WG2616735
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 00:39	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 00:39	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 00:39	WG2616735
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 00:39	WG2616735
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 00:39	WG2616735
(S) Toluene-d8	*86.8*			*80.0-120*		*10/09/2025 00:39*	WG2616735
(S) 4-Bromofluorobenzene	*112*			*77.0-126*		*10/09/2025 00:39*	WG2616735
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/09/2025 00:39*	WG2616735

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0103		0.000600	0.0100	5	10/29/2025 12:55	WG2616673
Barium	0.0151		0.00250	0.0100	5	10/29/2025 12:55	WG2616673
Chromium	U		0.00450	0.0100	5	10/29/2025 12:55	WG2616673
Iron	0.282	J	0.113	0.500	5	10/29/2025 12:55	WG2616673
Lead	U		0.00250	0.0100	5	10/29/2025 12:55	WG2616673
Manganese	1.89		0.00350	0.0250	5	10/29/2025 12:55	WG2616673
Selenium	U		0.00125	0.0100	5	10/29/2025 12:55	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.136		0.0594	0.100	1	10/09/2025 19:33	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*78.0-120*		*10/09/2025 19:33*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.661		0.0605	0.100	1	10/17/2025 07:00	WG2620894
(S) o-Terphenyl	*116*			*52.0-156*		*10/17/2025 07:00*	WG2620894

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6760		100	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1930		54.7	100	100	10/09/2025 07:01	WG2616399
Fluoride	1.30	J	0.761	1.50	10	10/09/2025 03:53	WG2616399
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 03:53	WG2616399
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 03:53	WG2616399
Sulfate	2090		63.7	500	100	10/09/2025 07:01	WG2616399

Sample Narrative:

L1905636-13 WG2616399: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0196		0.000600	0.0100	5	10/29/2025 12:58	WG2616673
Barium	0.0117		0.00250	0.0100	5	10/29/2025 12:58	WG2616673
Calcium	340		4.62	50.0	50	10/29/2025 13:02	WG2616673
Chromium	U		0.00450	0.0100	5	10/29/2025 12:58	WG2616673
Iron	U		0.113	0.500	5	10/29/2025 12:58	WG2616673
Lead	U		0.00250	0.0100	5	10/29/2025 12:58	WG2616673
Manganese	3.83		0.0350	0.250	50	10/29/2025 13:02	WG2616673
Potassium	3.02	J	0.482	10.0	5	10/29/2025 12:58	WG2616673
Selenium	0.00248	J	0.00125	0.0100	5	10/29/2025 12:58	WG2616673
Sodium	1590		7.10	100	50	10/29/2025 13:02	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.62		0.0594	0.100	1	10/09/2025 19:55	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*78.0-120*		*10/09/2025 19:55*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.90		0.0605	0.100	1	10/17/2025 07:20	WG2620894
(S) o-Terphenyl	*121*			*52.0-156*		*10/17/2025 07:20*	WG2620894

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4760		100	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1180		54.7	100	100	10/08/2025 18:50	WG2616402
Fluoride	1.16	J J6	0.761	1.50	10	10/08/2025 18:37	WG2616402
Nitrate as (N)	U	J6	0.884	1.00	10	10/08/2025 18:37	WG2616402
Nitrite as (N)	U	J6	0.794	1.00	10	10/08/2025 18:37	WG2616402
Sulfate	1520		63.7	500	100	10/08/2025 18:50	WG2616402

Sample Narrative:

L1905636-14 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0285		0.000600	0.0100	5	10/29/2025 13:05	WG2616673
Barium	0.0147		0.00250	0.0100	5	10/29/2025 13:05	WG2616673
Calcium	408		4.62	50.0	50	10/29/2025 13:08	WG2616673
Chromium	U		0.00450	0.0100	5	10/29/2025 13:05	WG2616673
Iron	2.36		0.113	0.500	5	10/29/2025 13:05	WG2616673
Lead	U		0.00250	0.0100	5	10/29/2025 13:05	WG2616673
Manganese	3.15		0.0350	0.250	50	10/29/2025 13:08	WG2616673
Potassium	3.35	J	0.482	10.0	5	10/29/2025 13:05	WG2616673
Selenium	U		0.00125	0.0100	5	10/29/2025 13:05	WG2616673
Sodium	1040		7.10	100	50	10/29/2025 13:08	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.194		0.0594	0.100	1	10/09/2025 20:17	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*97.1*			*78.0-120*		*10/09/2025 20:17*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.40	J4	0.0605	0.100	1	10/24/2025 01:28	WG2616523
TPH (GC/FID) High Fraction	1.29	B	0.0605	0.100	1	10/17/2025 22:38	WG2620896
(S) o-Terphenyl	*116*			*52.0-156*		*10/24/2025 01:28*	WG2616523
(S) o-Terphenyl	*57.9*			*52.0-156*		*10/17/2025 22:38*	WG2620896

Sample Narrative:

L1905636-14 WG2616523: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5070		100	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1110		54.7	100	100	10/08/2025 19:53	WG2616402
Fluoride	2.52		0.761	1.50	10	10/08/2025 19:41	WG2616402
Nitrate as (N)	U		8.84	10.0	100	10/08/2025 19:53	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/08/2025 19:41	WG2616402
Sulfate	1570		63.7	500	100	10/08/2025 19:53	WG2616402

Sample Narrative:

L1905636-15 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.257		0.000600	0.0100	5	10/29/2025 13:12	WG2616673
Barium	0.0117		0.00250	0.0100	5	10/29/2025 13:12	WG2616673
Calcium	422		4.62	50.0	50	10/29/2025 13:15	WG2616673
Chromium	U		0.00450	0.0100	5	10/29/2025 13:12	WG2616673
Iron	5.79		0.113	0.500	5	10/29/2025 13:12	WG2616673
Lead	U		0.00250	0.0100	5	10/29/2025 13:12	WG2616673
Manganese	1.89		0.00350	0.0250	5	10/29/2025 13:12	WG2616673
Potassium	4.57	J	0.482	10.0	5	10/29/2025 13:12	WG2616673
Selenium	0.00158	J	0.00125	0.0100	5	10/29/2025 13:12	WG2616673
Sodium	955		7.10	100	50	10/29/2025 13:15	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.462		0.0594	0.100	1	10/09/2025 20:39	WG2616977
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 20:39*	WG2616977

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	8.31	J4	0.0605	0.100	1	10/24/2025 02:57	WG2616523
TPH (GC/FID) High Fraction	7.40		0.0605	0.100	1	10/17/2025 22:58	WG2620896
(S) o-Terphenyl	*133*			*52.0-156*		*10/24/2025 02:57*	WG2616523
(S) o-Terphenyl	*51.9*	J2		*52.0-156*		*10/17/2025 22:58*	WG2620896

Sample Narrative:

L1905636-15 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	7730		100	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1430		54.7	100	100	10/08/2025 20:19	WG2616402
Fluoride	4.40		0.761	1.50	10	10/08/2025 20:06	WG2616402
Nitrate as (N)	U		8.84	10.0	100	10/08/2025 20:19	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/08/2025 20:06	WG2616402
Sulfate	2580		63.7	500	100	10/08/2025 20:19	WG2616402

Sample Narrative:

L1905636-16 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.271		0.000600	0.0100	5	10/29/2025 13:18	WG2616673
Barium	0.0145		0.00250	0.0100	5	10/29/2025 13:18	WG2616673
Calcium	317		4.62	50.0	50	10/29/2025 13:22	WG2616673
Chromium	U		0.00450	0.0100	5	10/29/2025 13:18	WG2616673
Iron	7.32		0.113	0.500	5	10/29/2025 13:18	WG2616673
Lead	U		0.00250	0.0100	5	10/29/2025 13:18	WG2616673
Manganese	0.634		0.00350	0.0250	5	10/29/2025 13:18	WG2616673
Potassium	9.29	J	0.482	10.0	5	10/29/2025 13:18	WG2616673
Selenium	0.00170	J	0.00125	0.0100	5	10/29/2025 13:18	WG2616673
Sodium	1790		7.10	100	50	10/29/2025 13:22	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.886		0.0594	0.100	1	10/09/2025 14:09	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*10/09/2025 14:09*	WG2617015

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	7.06		0.0605	0.100	1	10/21/2025 22:44	WG2620896
(S) o-Terphenyl	*137*			*52.0-156*		*10/21/2025 22:44*	WG2620896

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6610		100	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1770		54.7	100	100	10/08/2025 20:44	WG2616402
Fluoride	1.64		0.761	1.50	10	10/08/2025 20:31	WG2616402
Nitrate as (N)	U		0.884	1.00	10	10/08/2025 20:31	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/08/2025 20:31	WG2616402
Sulfate	2160		63.7	500	100	10/08/2025 20:44	WG2616402

Sample Narrative:

L1905636-17 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0140		0.000600	0.0100	5	10/29/2025 13:32	WG2616673
Barium	0.0173		0.00250	0.0100	5	10/29/2025 13:32	WG2616673
Calcium	399		4.62	50.0	50	10/29/2025 13:35	WG2616673
Chromium	U		0.00450	0.0100	5	10/29/2025 13:32	WG2616673
Iron	2.47		0.113	0.500	5	10/29/2025 13:32	WG2616673
Lead	U		0.00250	0.0100	5	10/29/2025 13:32	WG2616673
Manganese	0.472		0.00350	0.0250	5	10/29/2025 13:32	WG2616673
Potassium	3.92	J	0.482	10.0	5	10/29/2025 13:32	WG2616673
Selenium	0.00159	J	0.00125	0.0100	5	10/29/2025 13:32	WG2616673
Sodium	1440		7.10	100	50	10/29/2025 13:35	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.224		0.0594	0.100	1	10/09/2025 14:32	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*102*			*78.0-120*		*10/09/2025 14:32*	WG2617015

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 01:39	WG2616735
Benzene	U		0.000320	0.00100	1	10/09/2025 01:39	WG2616735
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 01:39	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 01:39	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 01:39	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 01:39	WG2616735
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 01:39	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 01:39	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 01:39	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 01:39	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 01:39	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 01:39	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 01:39	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 01:39	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 01:39	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 01:39	WG2616735

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 01:39	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 01:39	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 01:39	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 01:39	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 01:39	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 01:39	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 01:39	WG2616735
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 01:39	WG2616735
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 01:39	WG2616735
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 01:39	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 01:39	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 01:39	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 01:39	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 01:39	WG2616735
Methyl tert-butyl ether	0.000919	J	0.000357	0.00100	1	10/09/2025 01:39	WG2616735
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 01:39	WG2616735
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 01:39	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 01:39	WG2616735
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	10/09/2025 01:39	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 01:39	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 01:39	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 01:39	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 01:39	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 01:39	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 01:39	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 01:39	WG2616735
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 01:39	WG2616735
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 01:39	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 01:39	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 01:39	WG2616735
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 01:39	WG2616735
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 01:39	WG2616735
(S) Toluene-d8	*93.9*			*80.0-120*		*10/09/2025 01:39*	WG2616735
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*		*10/09/2025 01:39*	WG2616735
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/09/2025 01:39*	WG2616735

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.781	J4	0.0605	0.100	1	10/24/2025 00:43	WG2616523
TPH (GC/FID) High Fraction	1.15	B	0.0605	0.100	1	10/21/2025 22:00	WG2620896
(S) o-Terphenyl	*108*			*52.0-156*		*10/24/2025 00:43*	WG2616523
(S) o-Terphenyl	*126*			*52.0-156*		*10/21/2025 22:00*	WG2620896

Sample Narrative:

L1905636-17 WG2616523: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	13200		200	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	4300		54.7	100	100	10/08/2025 21:09	WG2616402
Fluoride	2.27		0.761	1.50	10	10/08/2025 20:57	WG2616402
Nitrate as (N)	U		0.884	1.00	10	10/08/2025 20:57	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/08/2025 20:57	WG2616402
Sulfate	4380		63.7	500	100	10/08/2025 21:09	WG2616402

Sample Narrative:

L1905636-18 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.926		0.0232	0.200	1	10/09/2025 15:39	WG2616389

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.0513		0.000600	0.0100	5	10/29/2025 13:38	WG2616673
Barium	0.0160		0.00250	0.0100	5	10/29/2025 13:38	WG2616673
Calcium	706		4.62	50.0	50	10/29/2025 13:42	WG2616673
Chromium	U		0.00450	0.0100	5	10/29/2025 13:38	WG2616673
Iron	2.91		0.113	0.500	5	10/29/2025 13:38	WG2616673
Lead	U		0.00250	0.0100	5	10/29/2025 13:38	WG2616673
Manganese	2.06		0.00350	0.0250	5	10/29/2025 13:38	WG2616673
Potassium	10.0		0.482	10.0	5	10/29/2025 13:38	WG2616673
Selenium	0.00388	J	0.00125	0.0100	5	10/29/2025 13:38	WG2616673
Sodium	3040		14.2	200	100	10/29/2025 14:22	WG2616673
Uranium	0.00375	J	0.000650	0.00500	5	10/29/2025 13:38	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	0.519		0.0594	0.100	1	10/09/2025 14:56	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*10/09/2025 14:56*	WG2617015

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	2.31	J4	0.0605	0.100	1	10/24/2025 01:50	WG2616523
TPH (GC/FID) High Fraction	1.64	B	0.0605	0.100	1	10/17/2025 23:59	WG2620896
(S) o-Terphenyl	*115*			*52.0-156*		*10/24/2025 01:50*	WG2616523
(S) o-Terphenyl	*54.7*			*52.0-156*		*10/17/2025 23:59*	WG2620896

Sample Narrative:

L1905636-18 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6560		100	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1770		54.7	100	100	10/08/2025 22:00	WG2616402
Fluoride	1.60		0.761	1.50	10	10/08/2025 21:47	WG2616402
Nitrate as (N)	U		8.84	10.0	100	10/08/2025 22:00	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/08/2025 21:47	WG2616402
Sulfate	2050		63.7	500	100	10/08/2025 22:00	WG2616402

Sample Narrative:

L1905636-19 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0132		0.000600	0.0100	5	10/29/2025 13:45	WG2616673
Barium	0.0154		0.00250	0.0100	5	10/29/2025 13:45	WG2616673
Calcium	391		4.62	50.0	50	10/29/2025 13:49	WG2616673
Chromium	U		0.00450	0.0100	5	10/29/2025 13:45	WG2616673
Iron	2.35		0.113	0.500	5	10/29/2025 13:45	WG2616673
Lead	U		0.00250	0.0100	5	10/29/2025 13:45	WG2616673
Manganese	0.460		0.00350	0.0250	5	10/29/2025 13:45	WG2616673
Potassium	3.88	J	0.482	10.0	5	10/29/2025 13:45	WG2616673
Selenium	U		0.00125	0.0100	5	10/29/2025 13:45	WG2616673
Sodium	1440		7.10	100	50	10/29/2025 13:49	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.297	0.500	5	10/09/2025 20:45	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 20:45*	WG2617015

Sample Narrative:

L1905636-19 WG2617015: Lowest possible dilution due to sample foaming.

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 01:59	WG2616735
Benzene	U		0.000320	0.00100	1	10/09/2025 01:59	WG2616735
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 01:59	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 01:59	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 01:59	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 01:59	WG2616735
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 01:59	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 01:59	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 01:59	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 01:59	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 01:59	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 01:59	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 01:59	WG2616735

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.00170	0.00500	1	10/09/2025 01:59	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 01:59	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 01:59	WG2616735
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 01:59	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 01:59	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 01:59	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 01:59	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 01:59	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 01:59	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 01:59	WG2616735
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 01:59	WG2616735
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 01:59	WG2616735
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 01:59	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 01:59	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 01:59	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 01:59	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 01:59	WG2616735
Methyl tert-butyl ether	0.000838	J	0.000357	0.00100	1	10/09/2025 01:59	WG2616735
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 01:59	WG2616735
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 01:59	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 01:59	WG2616735
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	10/09/2025 01:59	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 01:59	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 01:59	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 01:59	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 01:59	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 01:59	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 01:59	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 01:59	WG2616735
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 01:59	WG2616735
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 01:59	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 01:59	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 01:59	WG2616735
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 01:59	WG2616735
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 01:59	WG2616735
(S) Toluene-d8	*94.7*			*80.0-120*		*10/09/2025 01:59*	WG2616735
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*10/09/2025 01:59*	WG2616735
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/09/2025 01:59*	WG2616735

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.759	J4	0.0605	0.100	1	10/23/2025 21:43	WG2616523
TPH (GC/FID) High Fraction	1.15	B	0.0605	0.100	1	10/21/2025 22:22	WG2620896
(S) o-Terphenyl	*110*			*52.0-156*		*10/23/2025 21:43*	WG2616523
(S) o-Terphenyl	*131*			*52.0-156*		*10/21/2025 22:22*	WG2620896

Sample Narrative:

L1905636-19 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	6650		100	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1760		54.7	100	100	10/08/2025 22:25	WG2616402
Fluoride	1.64		0.761	1.50	10	10/08/2025 22:12	WG2616402
Nitrate as (N)	U		8.84	10.0	100	10/08/2025 22:25	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/08/2025 22:12	WG2616402
Sulfate	1780		63.7	500	100	10/08/2025 22:25	WG2616402

Sample Narrative:

L1905636-20 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0205		0.000600	0.0100	5	10/29/2025 13:52	WG2616673
Barium	0.00841	J	0.00250	0.0100	5	10/29/2025 13:52	WG2616673
Calcium	350		4.62	50.0	50	10/29/2025 13:55	WG2616673
Chromium	U		0.00450	0.0100	5	10/29/2025 13:52	WG2616673
Iron	U		0.113	0.500	5	10/29/2025 13:52	WG2616673
Lead	U		0.00250	0.0100	5	10/29/2025 13:52	WG2616673
Manganese	4.02		0.0350	0.250	50	10/29/2025 13:55	WG2616673
Potassium	3.24	J	0.482	10.0	5	10/29/2025 13:52	WG2616673
Selenium	0.00275	J	0.00125	0.0100	5	10/29/2025 13:52	WG2616673
Sodium	1710		7.10	100	50	10/29/2025 13:55	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.22		0.594	1.00	10	10/09/2025 21:09	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 21:09*	WG2617015

Sample Narrative:

L1905636-20 WG2617015: Lowest possible dilution due to sample foaming.

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.80	J4	0.0605	0.100	1	10/24/2025 02:12	WG2616523
TPH (GC/FID) High Fraction	3.52		0.0605	0.100	1	10/18/2025 00:40	WG2620896
(S) o-Terphenyl	*116*			*52.0-156*		*10/24/2025 02:12*	WG2616523
(S) o-Terphenyl	*42.8*	J2		*52.0-156*		*10/18/2025 00:40*	WG2620896

Sample Narrative:

L1905636-20 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

EB-LT-03
Collected date/time: 10/07/25 11:45
L1905636

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	11.0		10.0	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	10/08/2025 22:38	WG2616402
Fluoride	U		0.0761	0.150	1	10/08/2025 22:38	WG2616402
Nitrate as (N)	U		0.0884	0.100	1	10/08/2025 22:38	WG2616402
Nitrite as (N)	U		0.0794	0.100	1	10/08/2025 22:38	WG2616402
Sulfate	U		0.637	5.00	1	10/08/2025 22:38	WG2616402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	10/29/2025 13:59	WG2616673
Barium	0.00107	J	0.000500	0.00200	1	10/29/2025 13:59	WG2616673
Calcium	0.116	J	0.0925	1.00	1	10/29/2025 13:59	WG2616673
Chromium	U		0.000900	0.00200	1	10/29/2025 13:59	WG2616673
Iron	U		0.0226	0.100	1	10/29/2025 13:59	WG2616673
Lead	U		0.000500	0.00200	1	10/29/2025 13:59	WG2616673
Manganese	U		0.000700	0.00500	1	10/29/2025 13:59	WG2616673
Potassium	U		0.0965	2.00	1	10/29/2025 13:59	WG2616673
Selenium	U		0.000250	0.00200	1	10/29/2025 13:59	WG2616673
Sodium	0.394	J	0.142	2.00	1	10/29/2025 13:59	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 13:46	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*10/09/2025 13:46*	WG2617015

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0737	J J4	0.0605	0.100	1	10/23/2025 19:51	WG2616523
TPH (GC/FID) High Fraction	1.32	B	0.0605	0.100	1	10/21/2025 20:53	WG2620896
(S) o-Terphenyl	*111*			*52.0-156*		*10/23/2025 19:51*	WG2616523
(S) o-Terphenyl	*114*			*52.0-156*		*10/21/2025 20:53*	WG2620896

Sample Narrative:

L1905636-21 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 00:17	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 00:17	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 00:17	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 00:17	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 00:17	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 00:17	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 00:17	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 00:17	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 00:17	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 00:17	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 00:17	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 00:17	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 00:17	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 00:17	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 00:17	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 00:17	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 00:17	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 00:17	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 00:17	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 00:17	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 00:17	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 00:17	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 00:17	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 00:17	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 00:17	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 00:17	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 00:17	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 00:17	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 00:17	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 00:17	WG2616759
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 00:17	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 00:17	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 00:17	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 00:17	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 00:17	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 00:17	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 00:17	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 00:17	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 00:17	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 00:17	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 00:17	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 00:17	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 00:17	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 00:17	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 00:17	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 00:17	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 00:17	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 00:17	WG2616759
(S) Toluene-d8	*102*			*80.0-120*		*10/09/2025 00:17*	WG2616759
(S) 4-Bromofluorobenzene	*89.8*			*77.0-126*		*10/09/2025 00:17*	WG2616759
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/09/2025 00:17*	WG2616759

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	9320		200	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2570		54.7	100	100	10/08/2025 23:41	WG2616402
Fluoride	3.00		0.761	1.50	10	10/08/2025 23:28	WG2616402
Nitrate as (N)	U		0.884	1.00	10	10/08/2025 23:28	WG2616402
Nitrite as (N)	0.874	J	0.794	1.00	10	10/08/2025 23:28	WG2616402
Sulfate	3040		63.7	500	100	10/08/2025 23:41	WG2616402

Sample Narrative:

L1905636-23 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00920	J	0.00120	0.0200	10	10/29/2025 14:09	WG2616673
Barium	0.0214		0.00500	0.0200	10	10/29/2025 14:09	WG2616673
Calcium	685		9.25	100	100	10/29/2025 14:12	WG2616673
Chromium	U		0.00900	0.0200	10	10/29/2025 14:09	WG2616673
Iron	4.18		0.226	1.00	10	10/29/2025 14:09	WG2616673
Lead	U		0.00500	0.0200	10	10/29/2025 14:09	WG2616673
Manganese	2.58		0.00700	0.0500	10	10/29/2025 14:09	WG2616673
Potassium	4.22	J	0.965	20.0	10	10/29/2025 14:09	WG2616673
Selenium	U		0.00250	0.0200	10	10/29/2025 14:09	WG2616673
Sodium	1940		14.2	200	100	10/29/2025 14:12	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 15:19	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*10/09/2025 15:19*	WG2617015

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.213	J4	0.0605	0.100	1	10/23/2025 20:13	WG2616523
TPH (GC/FID) High Fraction	0.237	B	0.0605	0.100	1	10/18/2025 01:21	WG2620896
(S) o-Terphenyl	*107*			*52.0-156*		*10/23/2025 20:13*	WG2616523
(S) o-Terphenyl	*68.4*			*52.0-156*		*10/18/2025 01:21*	WG2620896

Sample Narrative:

L1905636-23 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00135	J	0.000120	0.00200	1	10/29/2025 14:15	WG2616673
Barium	0.0251		0.000500	0.00200	1	10/29/2025 14:15	WG2616673
Chromium	U		0.000900	0.00200	1	10/29/2025 14:15	WG2616673
Iron	1.75		0.0226	0.100	1	10/29/2025 14:15	WG2616673
Lead	U		0.000500	0.00200	1	10/29/2025 14:15	WG2616673
Manganese	1.46		0.00350	0.0250	5	10/29/2025 14:19	WG2616673
Selenium	0.000452	J	0.000250	0.00200	1	10/29/2025 14:15	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 15:42	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 15:42*	WG2617015

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0803	J J4	0.0605	0.100	1	10/23/2025 21:20	WG2616523
TPH (GC/FID) High Fraction	0.834	B	0.0605	0.100	1	10/21/2025 21:15	WG2620896
(S) o-Terphenyl	*104*			*52.0-156*		*10/23/2025 21:20*	WG2616523
(S) o-Terphenyl	*110*			*52.0-156*		*10/21/2025 21:15*	WG2620896

Sample Narrative:

L1905636-24 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000977	J	0.000120	0.00200	1	10/29/2025 14:25	WG2616673
Barium	0.0159		0.000500	0.00200	1	10/29/2025 14:25	WG2616673
Chromium	U		0.000900	0.00200	1	10/29/2025 14:25	WG2616673
Iron	0.124		0.0226	0.100	1	10/29/2025 14:25	WG2616673
Lead	U		0.000500	0.00200	1	10/29/2025 14:25	WG2616673
Manganese	0.765		0.00350	0.0250	5	10/29/2025 14:29	WG2616673
Selenium	U		0.000250	0.00200	1	10/29/2025 14:25	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 16:05	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 16:05*	WG2617015

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0814	J J4	0.0605	0.100	1	10/24/2025 01:05	WG2616523
TPH (GC/FID) High Fraction	0.104	B	0.0605	0.100	1	10/18/2025 02:02	WG2620896
(S) o-Terphenyl	*102*			*52.0-156*		*10/24/2025 01:05*	WG2616523
(S) o-Terphenyl	*70.0*			*52.0-156*		*10/18/2025 02:02*	WG2620896

Sample Narrative:

L1905636-25 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00240		0.000120	0.00200	1	10/29/2025 14:32	WG2616673
Barium	0.0276		0.000500	0.00200	1	10/29/2025 14:32	WG2616673
Chromium	0.00115	J	0.000900	0.00200	1	10/29/2025 14:32	WG2616673
Iron	1.26		0.0226	0.100	1	10/29/2025 14:32	WG2616673
Lead	0.00115	J	0.000500	0.00200	1	10/29/2025 14:32	WG2616673
Manganese	0.523		0.00350	0.0250	5	10/29/2025 14:35	WG2616673
Selenium	0.000356	J	0.000250	0.00200	1	10/29/2025 14:32	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 16:28	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 16:28*	WG2617015

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U	J4	0.0605	0.100	1	10/23/2025 23:12	WG2616523
TPH (GC/FID) High Fraction	0.0830	B J	0.0605	0.100	1	10/18/2025 02:22	WG2620896
(S) o-Terphenyl	*102*			*52.0-156*		*10/23/2025 23:12*	WG2616523
(S) o-Terphenyl	*64.7*			*52.0-156*		*10/18/2025 02:22*	WG2620896

Sample Narrative:

L1905636-26 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	16400		400	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	6530		54.7	100	100	10/09/2025 00:06	WG2616402
Fluoride	1.09	J	0.761	1.50	10	10/08/2025 23:53	WG2616402
Nitrate as (N)	U		8.84	10.0	100	10/09/2025 00:06	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/08/2025 23:53	WG2616402
Sulfate	2810		63.7	500	100	10/09/2025 00:06	WG2616402

Sample Narrative:

L1905636-27 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Calcium	968		18.5	200	200	10/29/2025 14:39	WG2616673
Potassium	23.8	J	19.3	400	200	10/29/2025 14:39	WG2616673
Sodium	4620		28.4	400	200	10/29/2025 14:39	WG2616673

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	12200		200	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	4290		54.7	100	100	10/09/2025 00:57	WG2616402
Fluoride	1.06	J	0.761	1.50	10	10/09/2025 00:19	WG2616402
Nitrate as (N)	U		8.84	10.0	100	10/09/2025 00:57	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 00:19	WG2616402
Sulfate	2750		63.7	500	100	10/09/2025 00:57	WG2616402

Sample Narrative:

L1905636-28 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00780	J	0.00120	0.0200	10	10/29/2025 14:51	WG2616673
Barium	0.0194	J	0.00500	0.0200	10	10/29/2025 14:51	WG2616673
Calcium	731		9.25	100	100	10/29/2025 14:54	WG2616673
Chromium	U		0.00900	0.0200	10	10/29/2025 14:51	WG2616673
Iron	5.42		0.226	1.00	10	10/29/2025 14:51	WG2616673
Lead	U		0.00500	0.0200	10	10/29/2025 14:51	WG2616673
Manganese	0.406		0.00700	0.0500	10	10/29/2025 14:51	WG2616673
Potassium	32.5		0.965	20.0	10	10/29/2025 14:51	WG2616673
Selenium	U		0.00250	0.0200	10	10/29/2025 14:51	WG2616673
Sodium	2870		14.2	200	100	10/29/2025 14:54	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	0.339		0.0594	0.100	1	10/09/2025 16:51	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 16:51*	WG2617015

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.719	J4	0.0605	0.100	1	10/23/2025 23:56	WG2616523
TPH (GC/FID) High Fraction	0.676	B	0.0605	0.100	1	10/18/2025 02:42	WG2620896
(S) o-Terphenyl	*108*			*52.0-156*		*10/23/2025 23:56*	WG2616523
(S) o-Terphenyl	*70.5*			*52.0-156*		*10/18/2025 02:42*	WG2620896

Sample Narrative:

L1905636-28 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00585	J	0.000600	0.0100	5	10/29/2025 15:01	WG2616673
Barium	0.0159		0.00250	0.0100	5	10/29/2025 15:01	WG2616673
Chromium	U		0.00450	0.0100	5	10/29/2025 15:01	WG2616673
Iron	0.445	J	0.113	0.500	5	10/29/2025 15:01	WG2616673
Lead	U		0.00250	0.0100	5	10/29/2025 15:01	WG2616673
Manganese	0.501		0.00350	0.0250	5	10/29/2025 15:01	WG2616673
Selenium	0.00168	J	0.00125	0.0100	5	10/29/2025 15:01	WG2616673

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 17:15	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 17:15*	WG2617015

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.357	J4	0.0605	0.100	1	10/23/2025 22:49	WG2616523
TPH (GC/FID) High Fraction	0.941	B	0.0605	0.100	1	10/21/2025 21:37	WG2620896
(S) o-Terphenyl	*108*			*52.0-156*		*10/23/2025 22:49*	WG2616523
(S) o-Terphenyl	*126*			*52.0-156*		*10/21/2025 21:37*	WG2620896

Sample Narrative:

L1905636-29 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

MW-18A
Collected date/time: 10/07/25 14:15
L1905636

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	20200		400	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	6280		54.7	100	100	10/09/2025 01:22	WG2616402
Fluoride	2.77		0.761	1.50	10	10/09/2025 01:09	WG2616402
Nitrate as (N)	U		8.84	10.0	100	10/09/2025 01:22	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 01:09	WG2616402
Sulfate	4730		63.7	500	100	10/09/2025 01:22	WG2616402

Sample Narrative:

L1905636-30 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	2.14		0.0232	0.200	1	10/09/2025 17:39	WG2616885

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00472	J	0.00120	0.0200	10	10/29/2025 15:04	WG2616673
Barium	0.0154	J	0.00500	0.0200	10	10/29/2025 15:04	WG2616673
Calcium	655		18.5	200	200	10/29/2025 15:08	WG2616673
Chromium	U		0.00900	0.0200	10	10/29/2025 15:04	WG2616673
Iron	U		0.226	1.00	10	10/29/2025 15:04	WG2616673
Lead	U		0.00500	0.0200	10	10/29/2025 15:04	WG2616673
Manganese	0.926		0.00700	0.0500	10	10/29/2025 15:04	WG2616673
Potassium	47.7		0.965	20.0	10	10/29/2025 15:04	WG2616673
Selenium	U		0.00250	0.0200	10	10/29/2025 15:04	WG2616673
Sodium	4800		28.4	400	200	10/29/2025 15:08	WG2616673
Uranium	0.0226		0.00130	0.0100	10	10/29/2025 15:04	WG2616673

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.487	J4	0.0605	0.100	1	10/23/2025 23:34	WG2616523
TPH (GC/FID) High Fraction	0.441	B	0.0605	0.100	1	10/18/2025 03:23	WG2620896
(S) o-Terphenyl	*109*			*52.0-156*		*10/23/2025 23:34*	WG2616523
(S) o-Terphenyl	*77.4*			*52.0-156*		*10/18/2025 03:23*	WG2620896

Sample Narrative:

L1905636-30 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0258		0.000120	0.00200	1	10/29/2025 12:55	WG2616675
Barium	0.0152		0.000500	0.00200	1	10/29/2025 12:55	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 12:55	WG2616675
Iron	3.55		0.0226	0.100	1	10/29/2025 12:55	WG2616675
Lead	U		0.000500	0.00200	1	10/29/2025 12:55	WG2616675
Manganese	0.216		0.000700	0.00500	1	10/29/2025 12:55	WG2616675
Selenium	U		0.000250	0.00200	1	10/29/2025 12:55	WG2616675

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.49		0.0594	0.100	1	10/09/2025 17:39	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 17:39*	WG2617015

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.989	J4	0.0605	0.100	1	10/23/2025 22:27	WG2616523
TPH (GC/FID) High Fraction	0.975	B	0.0605	0.100	1	10/18/2025 03:43	WG2620896
(S) o-Terphenyl	*110*			*52.0-156*		*10/23/2025 22:27*	WG2616523
(S) o-Terphenyl	*71.1*			*52.0-156*		*10/18/2025 03:43*	WG2620896

Sample Narrative:

L1905636-31 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 00:37	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 00:37	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 00:37	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 00:37	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 00:37	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 00:37	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 00:37	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 00:37	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 00:37	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 00:37	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 00:37	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 00:37	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 00:37	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 00:37	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 00:37	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 00:37	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 00:37	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 00:37	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 00:37	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 00:37	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 00:37	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 00:37	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 00:37	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 00:37	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 00:37	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 00:37	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 00:37	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 00:37	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 00:37	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 00:37	WG2616759
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 00:37	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 00:37	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 00:37	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 00:37	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 00:37	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 00:37	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 00:37	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 00:37	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 00:37	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 00:37	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 00:37	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 00:37	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 00:37	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 00:37	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 00:37	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 00:37	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 00:37	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 00:37	WG2616759
(S) Toluene-d8	*106*			*80.0-120*		*10/09/2025 00:37*	WG2616759
(S) 4-Bromofluorobenzene	*91.3*			*77.0-126*		*10/09/2025 00:37*	WG2616759
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/09/2025 00:37*	WG2616759

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2700		50.0	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	252		5.47	10.0	10	10/09/2025 01:35	WG2616402
Fluoride	1.27	J	0.761	1.50	10	10/09/2025 01:35	WG2616402
Nitrate as (N)	U		8.84	10.0	100	10/09/2025 01:47	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 01:35	WG2616402
Sulfate	1260		63.7	500	100	10/09/2025 01:47	WG2616402

Sample Narrative:

L1905636-33 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.369		0.0232	0.200	1	10/09/2025 17:41	WG2616885

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000221	J	0.000120	0.00200	1	10/29/2025 13:15	WG2616675
Barium	0.0442		0.000500	0.00200	1	10/29/2025 13:15	WG2616675
Calcium	371		0.0925	1.00	1	10/29/2025 13:15	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 13:15	WG2616675
Iron	U		0.0226	0.100	1	10/29/2025 13:15	WG2616675
Lead	0.000514	J	0.000500	0.00200	1	10/29/2025 13:15	WG2616675
Manganese	2.13		0.000700	0.00500	1	10/29/2025 13:15	WG2616675
Potassium	0.351	J	0.0965	2.00	1	10/29/2025 13:15	WG2616675
Selenium	0.000698	J	0.000250	0.00200	1	10/29/2025 13:15	WG2616675
Sodium	196		0.142	2.00	1	10/29/2025 13:15	WG2616675
Uranium	0.000516	J	0.000130	0.00100	1	10/29/2025 13:15	WG2616675

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 01:36	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 01:36	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 01:36	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 01:36	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 01:36	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 01:36	WG2616759
sec-Butylbenzene	0.0122		0.000355	0.00100	1	10/09/2025 01:36	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 01:36	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 01:36	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 01:36	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 01:36	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 01:36	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 01:36	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 01:36	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 01:36	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 01:36	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 01:36	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 01:36	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 01:36	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 01:36	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 01:36	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 01:36	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 01:36	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 01:36	WG2616759
Isopropylbenzene	0.0165		0.000105	0.00100	1	10/09/2025 01:36	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 01:36	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 01:36	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 01:36	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 01:36	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 01:36	WG2616759
Methyl tert-butyl ether	0.00630		0.000357	0.00100	1	10/09/2025 01:36	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 01:36	WG2616759
n-Propylbenzene	0.0112		0.000239	0.00100	1	10/09/2025 01:36	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 01:36	WG2616759
tert-Butyl alcohol	0.00545	J	0.00496	0.0200	1	10/09/2025 01:36	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 01:36	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 01:36	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 01:36	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 01:36	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 01:36	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 01:36	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 01:36	WG2616759
1,2,4-Trimethylbenzene	0.000308	J	0.000274	0.00200	1	10/09/2025 01:36	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 01:36	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 01:36	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 01:36	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 01:36	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 01:36	WG2616759
(S) Toluene-d8	*98.6*			*80.0-120*		*10/09/2025 01:36*	WG2616759
(S) 4-Bromofluorobenzene	*83.9*			*77.0-126*		*10/09/2025 01:36*	WG2616759
(S) 1,2-Dichloroethane-d4	*96.0*			*70.0-130*		*10/09/2025 01:36*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.74	J4	0.0605	0.100	1	10/24/2025 00:18	WG2616523
TPH (GC/FID) High Fraction	1.02	B	0.0605	0.100	1	10/18/2025 04:04	WG2620896
(S) o-Terphenyl	*158*	J1		*52.0-156*		*10/24/2025 00:18*	WG2616523
(S) o-Terphenyl	*78.9*			*52.0-156*		*10/18/2025 04:04*	WG2620896

Sample Narrative:

L1905636-33 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2520		50.0	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	335		5.47	10.0	10	10/09/2025 02:00	WG2616402
Fluoride	0.893	J	0.761	1.50	10	10/09/2025 02:00	WG2616402
Nitrate as (N)	U		8.84	10.0	100	10/09/2025 02:12	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 02:00	WG2616402
Sulfate	992		6.37	50.0	10	10/09/2025 02:00	WG2616402

Sample Narrative:

L1905636-34 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.340		0.0232	0.200	1	10/09/2025 17:42	WG2616885

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00252		0.000120	0.00200	1	10/29/2025 16:54	WG2616675
Barium	0.0158		0.000500	0.00200	1	10/29/2025 16:54	WG2616675
Calcium	362		0.0925	1.00	1	10/29/2025 16:54	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 16:54	WG2616675
Iron	0.586		0.0226	0.100	1	10/29/2025 16:54	WG2616675
Lead	U		0.000500	0.00200	1	10/29/2025 16:54	WG2616675
Manganese	0.311		0.000700	0.00500	1	10/29/2025 16:54	WG2616675
Potassium	0.911	J	0.0965	2.00	1	10/29/2025 16:54	WG2616675
Selenium	U		0.000250	0.00200	1	10/29/2025 16:54	WG2616675
Sodium	229		0.142	2.00	1	10/29/2025 16:54	WG2616675
Uranium	0.0123		0.000130	0.00100	1	10/29/2025 16:54	WG2616675

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.102		0.0594	0.100	1	10/09/2025 18:02	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 18:02*	WG2617015

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 01:56	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 01:56	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 01:56	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 01:56	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 01:56	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 01:56	WG2616759
sec-Butylbenzene	0.000905	J	0.000355	0.00100	1	10/09/2025 01:56	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 01:56	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 01:56	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 01:56	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 01:56	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 01:56	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 01:56	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 01:56	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 01:56	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 01:56	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 01:56	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 01:56	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 01:56	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 01:56	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 01:56	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 01:56	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 01:56	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 01:56	WG2616759
Isopropylbenzene	0.000233	J	0.000105	0.00100	1	10/09/2025 01:56	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 01:56	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 01:56	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 01:56	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 01:56	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 01:56	WG2616759
Methyl tert-butyl ether	0.00181		0.000357	0.00100	1	10/09/2025 01:56	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 01:56	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 01:56	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 01:56	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 01:56	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 01:56	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 01:56	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 01:56	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 01:56	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 01:56	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 01:56	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 01:56	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 01:56	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 01:56	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 01:56	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 01:56	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 01:56	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 01:56	WG2616759
(S) Toluene-d8	*106*			*80.0-120*		*10/09/2025 01:56*	WG2616759
(S) 4-Bromofluorobenzene	*93.3*			*77.0-126*		*10/09/2025 01:56*	WG2616759
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/09/2025 01:56*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.196	J4	0.0605	0.100	1	10/23/2025 22:05	WG2616523
TPH (GC/FID) High Fraction	0.202	B	0.0605	0.100	1	10/18/2025 04:24	WG2620896
(S) o-Terphenyl	*109*			*52.0-156*		*10/23/2025 22:05*	WG2616523
(S) o-Terphenyl	*66.8*			*52.0-156*		*10/18/2025 04:24*	WG2620896

Sample Narrative:

L1905636-34 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2740		50.0	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	317		5.47	10.0	10	10/09/2025 02:25	WG2616402
Fluoride	0.849	J	0.761	1.50	10	10/09/2025 02:25	WG2616402
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 02:25	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 02:25	WG2616402
Sulfate	1700		63.7	500	100	10/09/2025 02:38	WG2616402

Sample Narrative:

L1905636-35 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.129	J	0.0232	0.200	1	10/09/2025 17:44	WG2616885

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00142	J	0.000120	0.00200	1	10/29/2025 13:22	WG2616675
Barium	0.0149		0.000500	0.00200	1	10/29/2025 13:22	WG2616675
Calcium	498		0.0925	1.00	1	10/29/2025 13:22	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 13:22	WG2616675
Iron	U		0.0226	0.100	1	10/29/2025 13:22	WG2616675
Lead	0.00232		0.000500	0.00200	1	10/29/2025 13:22	WG2616675
Manganese	0.00277	J	0.000700	0.00500	1	10/29/2025 13:22	WG2616675
Potassium	2.46		0.0965	2.00	1	10/29/2025 13:22	WG2616675
Selenium	0.00465		0.000250	0.00200	1	10/29/2025 13:22	WG2616675
Sodium	114		0.142	2.00	1	10/29/2025 13:22	WG2616675
Uranium	0.0165		0.000130	0.00100	1	10/29/2025 13:22	WG2616675

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 18:26	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 18:26*	WG2617015

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 02:16	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 02:16	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 02:16	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 02:16	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 02:16	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 02:16	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 02:16	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 02:16	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 02:16	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 02:16	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 02:16	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 02:16	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 02:16	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 02:16	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 02:16	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 02:16	WG2616759
1,2-Dichloroethane	0.000458	J	0.000395	0.00100	1	10/09/2025 02:16	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 02:16	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 02:16	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 02:16	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 02:16	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 02:16	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 02:16	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 02:16	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 02:16	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 02:16	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 02:16	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 02:16	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 02:16	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 02:16	WG2616759
Methyl tert-butyl ether	0.00124		0.000357	0.00100	1	10/09/2025 02:16	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 02:16	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 02:16	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 02:16	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 02:16	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 02:16	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 02:16	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 02:16	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 02:16	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 02:16	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 02:16	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 02:16	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 02:16	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 02:16	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 02:16	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 02:16	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 02:16	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 02:16	WG2616759
(S) Toluene-d8	*102*			*80.0-120*		*10/09/2025 02:16*	WG2616759
(S) 4-Bromofluorobenzene	*90.2*			*77.0-126*		*10/09/2025 02:16*	WG2616759
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/09/2025 02:16*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U	J4	0.0605	0.100	1	10/23/2025 20:36	WG2616523
TPH (GC/FID) High Fraction	0.0970	B J	0.0605	0.100	1	10/18/2025 04:45	WG2620896
(S) o-Terphenyl	*105*			*52.0-156*		*10/23/2025 20:36*	WG2616523
(S) o-Terphenyl	*63.2*			*52.0-156*		*10/18/2025 04:45*	WG2620896

Sample Narrative:

L1905636-35 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3150		50.0	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	289		5.47	10.0	10	10/09/2025 02:50	WG2616402
Fluoride	1.89		0.761	1.50	10	10/09/2025 02:50	WG2616402
Nitrate as (N)	U		8.84	10.0	100	10/09/2025 03:28	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 02:50	WG2616402
Sulfate	1730		63.7	500	100	10/09/2025 03:28	WG2616402

Sample Narrative:

L1905636-36 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.714		0.0232	0.200	1	10/09/2025 17:55	WG2616885
Boron,Dissolved	0.668		0.0232	0.200	1	10/09/2025 00:56	WG2616306

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00450		0.000120	0.00200	1	10/29/2025 15:36	WG2616675
Arsenic,Dissolved	0.00448		0.000120	0.00200	1	11/02/2025 18:24	WG2616681
Barium	0.0108		0.000500	0.00200	1	10/29/2025 15:36	WG2616675
Calcium	385		0.0925	1.00	1	10/29/2025 15:36	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 15:36	WG2616675
Iron	U		0.0226	0.100	1	10/29/2025 15:36	WG2616675
Iron,Dissolved	U		0.0226	0.100	1	11/02/2025 18:24	WG2616681
Lead	U		0.000500	0.00200	1	10/29/2025 15:36	WG2616675
Manganese	0.0381		0.000700	0.00500	1	10/29/2025 15:36	WG2616675
Manganese,Dissolved	0.0274		0.000700	0.00500	1	11/02/2025 18:24	WG2616681
Potassium	0.506	J	0.0965	2.00	1	10/29/2025 15:36	WG2616675
Selenium	0.00234		0.000250	0.00200	1	10/29/2025 15:36	WG2616675
Sodium	257		0.142	2.00	1	10/29/2025 15:36	WG2616675
Uranium	0.0423		0.000130	0.00100	1	10/29/2025 15:36	WG2616675
Uranium,Dissolved	0.0414		0.000130	0.00100	1	11/02/2025 18:24	WG2616681

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 18:49	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 18:49*	WG2617015

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 02:36	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 02:36	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 02:36	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 02:36	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 02:36	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 02:36	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 02:36	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 02:36	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 02:36	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 02:36	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 02:36	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 02:36	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 02:36	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 02:36	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 02:36	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 02:36	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 02:36	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 02:36	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 02:36	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 02:36	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 02:36	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 02:36	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 02:36	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 02:36	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 02:36	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 02:36	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 02:36	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 02:36	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 02:36	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 02:36	WG2616759
Methyl tert-butyl ether	0.0127		0.000357	0.00100	1	10/09/2025 02:36	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 02:36	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 02:36	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 02:36	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 02:36	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 02:36	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 02:36	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 02:36	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 02:36	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 02:36	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 02:36	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 02:36	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 02:36	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 02:36	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 02:36	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 02:36	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 02:36	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 02:36	WG2616759
(S) Toluene-d8	*106*			*80.0-120*		*10/09/2025 02:36*	WG2616759
(S) 4-Bromofluorobenzene	*90.0*			*77.0-126*		*10/09/2025 02:36*	WG2616759
(S) 1,2-Dichloroethane-d4	*96.7*			*70.0-130*		*10/09/2025 02:36*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.956	J4	0.0605	0.100	1	10/23/2025 20:58	WG2616523
TPH (GC/FID) High Fraction	0.825	B	0.0605	0.100	1	10/18/2025 05:05	WG2620896
(S) o-Terphenyl	*105*			*52.0-156*		*10/23/2025 20:58*	WG2616523
(S) o-Terphenyl	*47.5*	J2		*52.0-156*		*10/18/2025 05:05*	WG2620896

Sample Narrative:

Semi-Volatile Organic Compounds (GC) by Method 8015D

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	mg/l		mg/l	mg/l		date / time	

L1905636-36 WG2616523, WG2620896: Duplicate Analysis performed due to QC failure. Both results included due to QC failures in both WG.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1520		20.0	1	10/09/2025 10:04	WG2616688

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	21.1		5.47	10.0	10	10/09/2025 03:41	WG2616402
Fluoride	2.77		0.761	1.50	10	10/09/2025 03:41	WG2616402
Nitrate as (N)	U		8.84	10.0	100	10/09/2025 03:52	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 03:41	WG2616402
Sulfate	747		6.37	50.0	10	10/09/2025 03:41	WG2616402

Sample Narrative:

L1905636-37 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.116	J	0.0232	0.200	1	10/09/2025 17:57	WG2616885
Boron,Dissolved	0.0991	J	0.0232	0.200	1	10/09/2025 01:08	WG2616306

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00362		0.000120	0.00200	1	10/29/2025 15:39	WG2616675
Arsenic,Dissolved	0.00378		0.000120	0.00200	1	11/02/2025 18:27	WG2616681
Barium	0.0121		0.000500	0.00200	1	10/29/2025 15:39	WG2616675
Calcium	291		0.0925	1.00	1	10/29/2025 15:39	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 15:39	WG2616675
Iron	U		0.0226	0.100	1	10/29/2025 15:39	WG2616675
Iron,Dissolved	U		0.0226	0.100	1	11/02/2025 18:27	WG2616681
Lead	U		0.000500	0.00200	1	10/29/2025 15:39	WG2616675
Manganese	0.755		0.000700	0.00500	1	10/29/2025 15:39	WG2616675
Manganese,Dissolved	0.751		0.000700	0.00500	1	11/02/2025 18:27	WG2616681
Potassium	1.61	J	0.0965	2.00	1	10/29/2025 15:39	WG2616675
Selenium	0.00128	J	0.000250	0.00200	1	10/29/2025 15:39	WG2616675
Sodium	54.1		0.142	2.00	1	10/29/2025 15:39	WG2616675
Uranium	0.00262		0.000130	0.00100	1	10/29/2025 15:39	WG2616675
Uranium,Dissolved	0.00272		0.000130	0.00100	1	11/02/2025 18:27	WG2616681

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 19:12	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*10/09/2025 19:12*	WG2617015

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 02:56	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 02:56	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 02:56	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 02:56	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 02:56	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 02:56	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 02:56	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 02:56	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 02:56	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 02:56	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 02:56	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 02:56	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 02:56	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 02:56	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 02:56	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 02:56	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 02:56	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 02:56	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 02:56	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 02:56	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 02:56	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 02:56	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 02:56	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 02:56	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 02:56	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 02:56	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 02:56	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 02:56	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 02:56	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 02:56	WG2616759
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 02:56	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 02:56	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 02:56	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 02:56	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 02:56	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 02:56	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 02:56	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 02:56	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 02:56	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 02:56	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 02:56	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 02:56	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 02:56	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 02:56	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 02:56	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 02:56	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 02:56	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 02:56	WG2616759
(S) Toluene-d8	*103*			*80.0-120*		*10/09/2025 02:56*	WG2616759
(S) 4-Bromofluorobenzene	*87.7*			*77.0-126*		*10/09/2025 02:56*	WG2616759
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*10/09/2025 02:56*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.629		0.0605	0.100	1	10/14/2025 12:01	WG2616587
(S) o-Terphenyl	*117*			*52.0-156*		*10/14/2025 12:01*	WG2616587

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3240		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	185		5.47	10.0	10	10/09/2025 04:04	WG2616402
Fluoride	1.55		0.761	1.50	10	10/09/2025 04:04	WG2616402
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 04:04	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 04:04	WG2616402
Sulfate	2290		63.7	500	100	10/09/2025 04:16	WG2616402

Sample Narrative:

L1905636-38 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.362		0.0232	0.200	1	10/09/2025 17:59	WG2616885
Boron,Dissolved	0.337		0.0232	0.200	1	10/09/2025 01:11	WG2616306

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00327		0.000120	0.00200	1	10/29/2025 15:42	WG2616675
Arsenic,Dissolved	0.00350		0.000120	0.00200	1	11/02/2025 20:31	WG2616681
Barium	0.00877		0.000500	0.00200	1	10/29/2025 15:42	WG2616675
Calcium	452		0.0925	1.00	1	10/29/2025 15:42	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 15:42	WG2616675
Iron	0.0277	J	0.0226	0.100	1	10/29/2025 15:42	WG2616675
Iron,Dissolved	U		0.0226	0.100	1	11/02/2025 20:31	WG2616681
Lead	U		0.000500	0.00200	1	10/29/2025 15:42	WG2616675
Manganese	0.367		0.000700	0.00500	1	10/29/2025 15:42	WG2616675
Manganese,Dissolved	0.375		0.000700	0.00500	1	11/02/2025 20:31	WG2616681
Potassium	1.19	J	0.0965	2.00	1	10/29/2025 15:42	WG2616675
Selenium	0.000513	J	0.000250	0.00200	1	10/29/2025 15:42	WG2616675
Sodium	178		0.142	2.00	1	10/29/2025 15:42	WG2616675
Uranium	0.0305		0.000130	0.00100	1	10/29/2025 15:42	WG2616675
Uranium,Dissolved	0.0312		0.000130	0.00100	1	11/02/2025 20:31	WG2616681

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 19:36	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 19:36*	WG2617015

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 03:16	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 03:16	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 03:16	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 03:16	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 03:16	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 03:16	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 03:16	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 03:16	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 03:16	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 03:16	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 03:16	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 03:16	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 03:16	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 03:16	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 03:16	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 03:16	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 03:16	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 03:16	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 03:16	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 03:16	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 03:16	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 03:16	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 03:16	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 03:16	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 03:16	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 03:16	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 03:16	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 03:16	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 03:16	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 03:16	WG2616759
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 03:16	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 03:16	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 03:16	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 03:16	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 03:16	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 03:16	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 03:16	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 03:16	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 03:16	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 03:16	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 03:16	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 03:16	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 03:16	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 03:16	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 03:16	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 03:16	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 03:16	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 03:16	WG2616759
(S) Toluene-d8	*105*			*80.0-120*		*10/09/2025 03:16*	WG2616759
(S) 4-Bromofluorobenzene	*85.6*			*77.0-126*		*10/09/2025 03:16*	WG2616759
(S) 1,2-Dichloroethane-d4	*97.0*			*70.0-130*		*10/09/2025 03:16*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.208		0.0605	0.100	1	10/14/2025 12:21	WG2616587
(S) o-Terphenyl	*116*			*52.0-156*		*10/14/2025 12:21*	WG2616587

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2880		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	318		5.47	10.0	10	10/09/2025 04:27	WG2616402
Fluoride	1.92		0.761	1.50	10	10/09/2025 04:27	WG2616402
Nitrate as (N)	3.95		0.884	1.00	10	10/09/2025 04:27	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 04:27	WG2616402
Sulfate	1630		63.7	500	100	10/09/2025 04:39	WG2616402

Sample Narrative:

L1905636-39 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.473		0.0232	0.200	1	10/12/2025 06:46	WG2617214

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00458		0.000120	0.00200	1	10/29/2025 15:45	WG2616675
Barium	0.0498		0.000500	0.00200	1	10/29/2025 15:45	WG2616675
Calcium	1190		0.462	5.00	5	10/29/2025 14:04	WG2616675
Chromium	0.00416		0.000900	0.00200	1	10/29/2025 15:45	WG2616675
Iron	1.65		0.0226	0.100	1	10/29/2025 15:45	WG2616675
Lead	0.00177	J	0.000500	0.00200	1	10/29/2025 15:45	WG2616675
Manganese	0.486		0.000700	0.00500	1	10/29/2025 15:45	WG2616675
Potassium	3.11		0.0965	2.00	1	10/29/2025 15:45	WG2616675
Selenium	0.00681		0.000250	0.00200	1	10/29/2025 15:45	WG2616675
Sodium	77.1		0.142	2.00	1	10/29/2025 15:45	WG2616675
Uranium	0.0300		0.000130	0.00100	1	10/29/2025 15:45	WG2616675

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 19:59	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*10/09/2025 19:59*	WG2617015

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 03:36	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 03:36	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 03:36	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 03:36	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 03:36	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 03:36	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 03:36	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 03:36	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 03:36	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 03:36	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 03:36	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 03:36	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 03:36	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 03:36	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 03:36	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 03:36	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 03:36	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 03:36	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 03:36	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 03:36	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 03:36	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 03:36	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 03:36	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 03:36	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 03:36	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 03:36	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 03:36	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 03:36	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 03:36	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 03:36	WG2616759
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 03:36	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 03:36	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 03:36	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 03:36	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 03:36	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 03:36	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 03:36	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 03:36	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 03:36	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 03:36	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 03:36	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 03:36	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 03:36	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 03:36	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 03:36	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 03:36	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 03:36	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 03:36	WG2616759
(S) Toluene-d8	*104*			*80.0-120*		*10/09/2025 03:36*	WG2616759
(S) 4-Bromofluorobenzene	*88.1*			*77.0-126*		*10/09/2025 03:36*	WG2616759
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*		*10/09/2025 03:36*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0798	J	0.0605	0.100	1	10/14/2025 12:41	WG2616587
(S) o-Terphenyl	*92.6*			*52.0-156*		*10/14/2025 12:41*	WG2616587

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3520		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	242		5.47	10.0	10	10/09/2025 14:30	WG2616402
Fluoride	1.07	J	0.761	1.50	10	10/09/2025 14:30	WG2616402
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 14:30	WG2616402
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 14:30	WG2616402
Sulfate	1820		63.7	500	100	10/09/2025 14:41	WG2616402

Sample Narrative:

L1905636-40 WG2616402: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00403		0.000120	0.00200	1	10/29/2025 14:07	WG2616675
Barium	0.00996		0.000500	0.00200	1	10/29/2025 14:07	WG2616675
Calcium	511		0.0925	1.00	1	10/29/2025 14:07	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 14:07	WG2616675
Iron	0.0867	J	0.0226	0.100	1	10/29/2025 14:07	WG2616675
Lead	0.000503	J	0.000500	0.00200	1	10/29/2025 14:07	WG2616675
Manganese	0.0856		0.000700	0.00500	1	10/29/2025 14:07	WG2616675
Potassium	2.32		0.0965	2.00	1	10/29/2025 14:07	WG2616675
Selenium	0.00260		0.000250	0.00200	1	10/29/2025 14:07	WG2616675
Sodium	196		0.142	2.00	1	10/29/2025 14:07	WG2616675

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 20:22	WG2617015
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/09/2025 20:22*	WG2617015

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 03:55	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 03:55	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 03:55	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 03:55	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 03:55	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 03:55	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 03:55	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 03:55	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 03:55	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 03:55	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 03:55	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 03:55	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 03:55	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 03:55	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 03:55	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 03:55	WG2616759

MW-126D
Collected date/time: 10/07/25 14:30
L1905636

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 03:55	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 03:55	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 03:55	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 03:55	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 03:55	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 03:55	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 03:55	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 03:55	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 03:55	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 03:55	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 03:55	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 03:55	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 03:55	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 03:55	WG2616759
Methyl tert-butyl ether	0.000830	J	0.000357	0.00100	1	10/09/2025 03:55	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 03:55	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 03:55	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 03:55	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 03:55	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 03:55	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 03:55	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 03:55	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 03:55	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 03:55	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 03:55	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 03:55	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 03:55	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 03:55	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 03:55	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 03:55	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 03:55	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 03:55	WG2616759
(S) Toluene-d8	*103*			*80.0-120*		*10/09/2025 03:55*	WG2616759
(S) 4-Bromofluorobenzene	*87.8*			*77.0-126*		*10/09/2025 03:55*	WG2616759
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*10/09/2025 03:55*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.333		0.0605	0.100	1	10/14/2025 13:01	WG2616587
(S) o-Terphenyl	*112*			*52.0-156*		*10/14/2025 13:01*	WG2616587

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.408		0.0594	0.100	1	10/09/2025 17:46	WG2616646
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*78.0-120*		*10/09/2025 17:46*	WG2616646

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 04:15	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 04:15	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 04:15	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 04:15	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 04:15	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 04:15	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 04:15	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 04:15	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 04:15	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 04:15	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 04:15	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 04:15	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 04:15	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 04:15	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 04:15	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 04:15	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 04:15	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 04:15	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 04:15	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 04:15	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 04:15	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 04:15	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 04:15	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 04:15	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 04:15	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 04:15	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 04:15	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 04:15	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 04:15	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 04:15	WG2616759
Methyl tert-butyl ether	0.557		0.00714	0.0200	20	10/10/2025 04:26	WG2617081
Naphthalene	U		0.00264	0.00500	1	10/09/2025 04:15	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 04:15	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 04:15	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 04:15	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 04:15	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 04:15	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 04:15	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 04:15	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 04:15	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 04:15	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 04:15	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 04:15	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 04:15	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 04:15	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 04:15	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 04:15	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 04:15	WG2616759
(S) Toluene-d8	*104*			*80.0-120*		*10/09/2025 04:15*	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) Toluene-d8	*110*			*80.0-120*		*10/10/2025 04:26*	WG2617081
(S) 4-Bromofluorobenzene	*89.2*			*77.0-126*		*10/09/2025 04:15*	WG2616759
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*		*10/10/2025 04:26*	WG2617081
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*		*10/09/2025 04:15*	WG2616759
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*10/10/2025 04:26*	WG2617081

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.394		0.0605	0.100	1	10/14/2025 13:21	WG2616587
(S) o-Terphenyl	*117*			*52.0-156*		*10/14/2025 13:21*	WG2616587

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 18:07	WG2616646
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*78.0-120*		*10/09/2025 18:07*	WG2616646

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 04:35	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 04:35	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 04:35	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 04:35	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 04:35	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 04:35	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 04:35	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 04:35	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 04:35	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 04:35	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 04:35	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 04:35	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 04:35	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 04:35	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 04:35	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 04:35	WG2616759
1,2-Dichloroethane	0.00193		0.000395	0.00100	1	10/09/2025 04:35	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 04:35	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 04:35	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 04:35	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 04:35	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 04:35	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 04:35	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 04:35	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 04:35	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 04:35	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 04:35	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 04:35	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 04:35	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 04:35	WG2616759
Methyl tert-butyl ether	0.0448		0.000357	0.00100	1	10/09/2025 04:35	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 04:35	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 04:35	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 04:35	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 04:35	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 04:35	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 04:35	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 04:35	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 04:35	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 04:35	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 04:35	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 04:35	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 04:35	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 04:35	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 04:35	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 04:35	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 04:35	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 04:35	WG2616759
(S) Toluene-d8	*106*			*80.0-120*		*10/09/2025 04:35*	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	*88.6*			*77.0-126*		*10/09/2025 04:35*	WG2616759
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*		*10/09/2025 04:35*	WG2616759

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000550	0.0000200	1	10/13/2025 20:44	WG2619277

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.215		0.0605	0.100	1	10/14/2025 13:42	WG2616587
(S) o-Terphenyl	*108*			*52.0-156*		*10/14/2025 13:42*	WG2616587

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4180		50.0	1	10/09/2025 16:08	WG2616788

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	249		5.47	10.0	10	10/09/2025 05:07	WG2616409
Fluoride	1.08	J	0.761	1.50	10	10/09/2025 05:07	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 05:07	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 05:07	WG2616409
Sulfate	3040		63.7	500	100	10/09/2025 12:12	WG2616409

Sample Narrative:

L1905636-43 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron,Dissolved	0.619		0.0232	0.200	1	10/09/2025 01:13	WG2616306

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic,Dissolved	0.00313		0.000120	0.00200	1	11/02/2025 20:06	WG2616681
Calcium	550		0.0925	1.00	1	10/29/2025 15:49	WG2616675
Iron,Dissolved	U		0.0226	0.100	1	11/02/2025 20:06	WG2616681
Manganese,Dissolved	0.0146		0.000700	0.00500	1	11/02/2025 20:06	WG2616681
Potassium	1.86	J	0.0965	2.00	1	10/29/2025 15:49	WG2616675
Sodium	178		0.142	2.00	1	10/29/2025 15:49	WG2616675
Uranium,Dissolved	0.0442		0.000130	0.00100	1	11/02/2025 20:06	WG2616681

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3320		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	191		5.47	10.0	10	10/14/2025 20:49	WG2620325
Fluoride	2.17		0.761	1.50	10	10/14/2025 20:49	WG2620325
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 05:18	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 05:18	WG2616409
Sulfate	1540		63.7	500	100	10/14/2025 21:01	WG2620325

Sample Narrative:

L1905636-44 WG2620325, WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.444		0.0232	0.200	1	10/09/2025 18:01	WG2616885
Boron,Dissolved	0.418		0.0232	0.200	1	10/09/2025 01:20	WG2616306

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00342		0.000120	0.00200	1	10/29/2025 15:52	WG2616675
Arsenic,Dissolved	0.00364		0.000120	0.00200	1	11/02/2025 20:09	WG2616681
Barium	0.00924		0.000500	0.00200	1	10/29/2025 15:52	WG2616675
Calcium	497		0.0925	1.00	1	10/29/2025 15:52	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 15:52	WG2616675
Iron	U		0.0226	0.100	1	10/29/2025 15:52	WG2616675
Iron,Dissolved	U		0.0226	0.100	1	11/02/2025 20:09	WG2616681
Lead	U		0.000500	0.00200	1	10/29/2025 15:52	WG2616675
Manganese	0.0201		0.000700	0.00500	1	10/29/2025 15:52	WG2616675
Manganese,Dissolved	0.0207		0.000700	0.00500	1	11/02/2025 20:09	WG2616681
Potassium	0.792	J	0.0965	2.00	1	10/29/2025 15:52	WG2616675
Selenium	0.00851		0.000250	0.00200	1	10/29/2025 15:52	WG2616675
Sodium	140		0.142	2.00	1	10/29/2025 15:52	WG2616675
Uranium	0.0414		0.000130	0.00100	1	10/29/2025 15:52	WG2616675
Uranium,Dissolved	0.0433		0.000130	0.00100	1	11/02/2025 20:09	WG2616681

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	4100		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	202		5.47	10.0	10	10/09/2025 05:29	WG2616409
Fluoride	1.69		0.761	1.50	10	10/09/2025 05:29	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 05:29	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 05:29	WG2616409
Sulfate	2860		63.7	500	100	10/09/2025 13:28	WG2616409

Sample Narrative:

L1905636-45 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.750		0.0232	0.200	1	10/09/2025 18:02	WG2616885
Boron,Dissolved	0.714		0.0232	0.200	1	10/09/2025 01:23	WG2616306

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00384		0.000120	0.00200	1	10/29/2025 15:55	WG2616675
Arsenic,Dissolved	0.00424		0.000120	0.00200	1	11/02/2025 20:12	WG2616681
Barium	0.00804		0.000500	0.00200	1	10/29/2025 15:55	WG2616675
Calcium	495		0.0925	1.00	1	10/29/2025 15:55	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 15:55	WG2616675
Iron	U		0.0226	0.100	1	10/29/2025 15:55	WG2616675
Iron,Dissolved	U		0.0226	0.100	1	11/02/2025 20:12	WG2616681
Lead	U		0.000500	0.00200	1	10/29/2025 15:55	WG2616675
Manganese	0.0276		0.000700	0.00500	1	10/29/2025 15:55	WG2616675
Manganese,Dissolved	0.0252		0.000700	0.00500	1	11/02/2025 20:12	WG2616681
Potassium	0.702	J	0.0965	2.00	1	10/29/2025 15:55	WG2616675
Selenium	0.00100	J	0.000250	0.00200	1	10/29/2025 15:55	WG2616675
Sodium	197		0.142	2.00	1	10/29/2025 15:55	WG2616675
Uranium	0.0492		0.000130	0.00100	1	10/29/2025 15:55	WG2616675
Uranium,Dissolved	0.0516		0.000130	0.00100	1	11/02/2025 20:12	WG2616681

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	3920		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	262		5.47	10.0	10	10/09/2025 05:40	WG2616409
Fluoride	1.98		0.761	1.50	10	10/09/2025 05:40	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 05:40	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 05:40	WG2616409
Sulfate	1860		63.7	500	100	10/09/2025 13:49	WG2616409

Sample Narrative:

L1905636-46 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron,Dissolved	0.539		0.0232	0.200	1	10/09/2025 01:25	WG2616306

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic,Dissolved	0.00389		0.000120	0.00200	1	11/02/2025 20:15	WG2616681
Calcium	520		0.0925	1.00	1	10/29/2025 15:58	WG2616675
Iron,Dissolved	U		0.0226	0.100	1	11/02/2025 20:15	WG2616681
Manganese,Dissolved	0.0719		0.000700	0.00500	1	11/02/2025 20:15	WG2616681
Potassium	0.858	J	0.0965	2.00	1	10/29/2025 15:58	WG2616675
Sodium	171		0.142	2.00	1	10/29/2025 15:58	WG2616675
Uranium,Dissolved	0.0679		0.000130	0.00100	1	11/02/2025 20:15	WG2616681

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1400		20.0	1	10/09/2025 10:04	WG2616688

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	151		5.47	10.0	10	10/09/2025 14:00	WG2616409
Fluoride	U		0.761	1.50	10	10/09/2025 05:51	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 05:51	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 05:51	WG2616409
Sulfate	523		6.37	50.0	10	10/09/2025 14:00	WG2616409

Sample Narrative:

L1905636-47 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00302		0.000120	0.00200	1	10/29/2025 16:02	WG2616675
Barium	0.0230		0.000500	0.00200	1	10/29/2025 16:02	WG2616675
Calcium	195		0.0925	1.00	1	10/29/2025 16:02	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 16:02	WG2616675
Iron	0.0438	J	0.0226	0.100	1	10/29/2025 16:02	WG2616675
Lead	U		0.000500	0.00200	1	10/29/2025 16:02	WG2616675
Manganese	0.0132		0.000700	0.00500	1	10/29/2025 16:02	WG2616675
Potassium	4.79		0.0965	2.00	1	10/29/2025 16:02	WG2616675
Selenium	U		0.000250	0.00200	1	10/29/2025 16:02	WG2616675
Sodium	144		0.142	2.00	1	10/29/2025 16:02	WG2616675

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.804		0.0594	0.100	1	10/09/2025 15:21	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*78.0-120*		*10/09/2025 15:21*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 04:55	WG2616759
Benzene	0.000566	J	0.000320	0.00100	1	10/09/2025 04:55	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 04:55	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 04:55	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 04:55	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 04:55	WG2616759
sec-Butylbenzene	0.0441		0.000355	0.00100	1	10/09/2025 04:55	WG2616759
Carbon disulfide	0.000713	J	0.000510	0.00100	1	10/09/2025 04:55	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 04:55	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 04:55	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 04:55	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 04:55	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 04:55	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 04:55	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 04:55	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 04:55	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 04:55	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 04:55	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 04:55	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 04:55	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 04:55	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 04:55	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 04:55	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 04:55	WG2616759
Isopropylbenzene	0.0740		0.000105	0.00100	1	10/09/2025 04:55	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 04:55	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 04:55	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 04:55	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 04:55	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 04:55	WG2616759
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 04:55	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 04:55	WG2616759
n-Propylbenzene	0.0101		0.000239	0.00100	1	10/09/2025 04:55	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 04:55	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 04:55	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 04:55	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 04:55	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 04:55	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 04:55	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 04:55	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 04:55	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 04:55	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 04:55	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 04:55	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 04:55	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 04:55	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 04:55	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 04:55	WG2616759
(S) Toluene-d8	*113*			*80.0-120*		*10/09/2025 04:55*	WG2616759
(S) 4-Bromofluorobenzene	*93.6*			*77.0-126*		*10/09/2025 04:55*	WG2616759
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*		*10/09/2025 04:55*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.68		0.0605	0.100	1	10/14/2025 14:02	WG2616587
(S) o-Terphenyl	*135*			*52.0-156*		*10/14/2025 14:02*	WG2616587

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1490		25.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	260		5.47	10.0	10	10/09/2025 06:02	WG2616409
Fluoride	0.841	J	0.761	1.50	10	10/09/2025 06:02	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 06:02	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 06:02	WG2616409
Sulfate	12.8	J	6.37	50.0	10	10/09/2025 14:44	WG2616409

Sample Narrative:

L1905636-48 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0230		0.000120	0.00200	1	10/29/2025 16:41	WG2616675
Barium	1.73		0.000500	0.00200	1	10/29/2025 16:41	WG2616675
Calcium	83.9		0.0925	1.00	1	10/29/2025 16:41	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 16:41	WG2616675
Iron	0.0485	J	0.0226	0.100	1	10/29/2025 16:41	WG2616675
Lead	0.000540	J	0.000500	0.00200	1	10/29/2025 16:41	WG2616675
Manganese	0.0597		0.000700	0.00500	1	10/29/2025 16:41	WG2616675
Potassium	0.548	J	0.0965	2.00	1	10/29/2025 16:41	WG2616675
Selenium	U		0.000250	0.00200	1	10/29/2025 16:41	WG2616675
Sodium	329		0.142	2.00	1	10/29/2025 16:41	WG2616675

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	65.9		1.49	2.50	25	10/09/2025 19:39	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*78.0-120*		*10/09/2025 19:39*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		23.4	25.0	500	10/09/2025 06:14	WG2616759
Benzene	19.7		0.160	0.500	500	10/09/2025 06:14	WG2616759
Bromodichloromethane	U		0.186	0.500	500	10/09/2025 06:14	WG2616759
Bromoform	U		0.274	0.500	500	10/09/2025 06:14	WG2616759
Bromomethane	U	C3	2.43	2.50	500	10/09/2025 06:14	WG2616759
n-Butylbenzene	U		0.258	0.500	500	10/09/2025 06:14	WG2616759
sec-Butylbenzene	U		0.178	0.500	500	10/09/2025 06:14	WG2616759
Carbon disulfide	U		0.255	0.500	500	10/09/2025 06:14	WG2616759
Carbon tetrachloride	U	C3	0.180	0.500	500	10/09/2025 06:14	WG2616759
Chlorobenzene	U		0.133	0.500	500	10/09/2025 06:14	WG2616759
Chlorodibromomethane	U		0.199	0.500	500	10/09/2025 06:14	WG2616759
Chloroethane	U		1.40	2.50	500	10/09/2025 06:14	WG2616759
Chloroform	U		0.640	2.50	500	10/09/2025 06:14	WG2616759
Chloromethane	U		0.850	2.50	500	10/09/2025 06:14	WG2616759
1,2-Dibromoethane	U		0.170	0.500	500	10/09/2025 06:14	WG2616759
1,1-Dichloroethane	U		0.195	0.500	500	10/09/2025 06:14	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.198	0.500	500	10/09/2025 06:14	WG2616759
1,1-Dichloroethene	U		0.211	0.500	500	10/09/2025 06:14	WG2616759
cis-1,2-Dichloroethene	U		0.162	0.500	500	10/09/2025 06:14	WG2616759
trans-1,2-Dichloroethene	U		0.174	0.500	500	10/09/2025 06:14	WG2616759
1,2-Dichloropropane	U		0.214	0.500	500	10/09/2025 06:14	WG2616759
cis-1,3-Dichloropropene	U		0.174	0.500	500	10/09/2025 06:14	WG2616759
trans-1,3-Dichloropropene	U		0.157	0.500	500	10/09/2025 06:14	WG2616759
Ethylbenzene	1.88		0.117	0.500	500	10/09/2025 06:14	WG2616759
Isopropylbenzene	0.0600	J	0.0525	0.500	500	10/09/2025 06:14	WG2616759
p-Isopropyltoluene	U		0.172	0.500	500	10/09/2025 06:14	WG2616759
2-Butanone (MEK)	U		4.50	10.0	500	10/09/2025 06:14	WG2616759
2-Hexanone	U		2.90	10.0	500	10/09/2025 06:14	WG2616759
Methylene Chloride	U		0.740	2.50	500	10/09/2025 06:14	WG2616759
4-Methyl-2-pentanone (MIBK)	U		3.76	10.0	500	10/09/2025 06:14	WG2616759
Methyl tert-butyl ether	0.354	J	0.179	0.500	500	10/09/2025 06:14	WG2616759
Naphthalene	U		1.32	2.50	500	10/09/2025 06:14	WG2616759
n-Propylbenzene	U		0.120	0.500	500	10/09/2025 06:14	WG2616759
Styrene	U		0.171	0.500	500	10/09/2025 06:14	WG2616759
tert-Butyl alcohol	U		2.48	10.0	500	10/09/2025 06:14	WG2616759
1,1,1,2-Tetrachloroethane	U		0.191	0.500	500	10/09/2025 06:14	WG2616759
1,1,2,2-Tetrachloroethane	U		0.177	0.500	500	10/09/2025 06:14	WG2616759
Tetrachloroethene	U		0.179	0.500	500	10/09/2025 06:14	WG2616759
Toluene	6.02		0.137	0.500	500	10/09/2025 06:14	WG2616759
1,1,1-Trichloroethane	U		0.168	0.500	500	10/09/2025 06:14	WG2616759
1,1,2-Trichloroethane	U		0.188	0.500	500	10/09/2025 06:14	WG2616759
Trichloroethene	U		0.192	0.500	500	10/09/2025 06:14	WG2616759
1,2,4-Trimethylbenzene	0.637	J	0.137	1.00	500	10/09/2025 06:14	WG2616759
1,3,5-Trimethylbenzene	0.143	J	0.133	0.500	500	10/09/2025 06:14	WG2616759
Vinyl chloride	U	C3	0.229	0.500	500	10/09/2025 06:14	WG2616759
o-Xylene	0.846		0.160	0.500	500	10/09/2025 06:14	WG2616759
m&p-Xylene	3.45		0.275	1.00	500	10/09/2025 06:14	WG2616759
Xylenes, Total	4.30		0.160	1.50	500	10/09/2025 06:14	WG2616759
(S) Toluene-d8	*106*			*80.0-120*		*10/09/2025 06:14*	WG2616759
(S) 4-Bromofluorobenzene	*89.4*			*77.0-126*		*10/09/2025 06:14*	WG2616759
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/09/2025 06:14*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	6.83		0.0605	0.100	1	10/14/2025 14:22	WG2616587
(S) o-Terphenyl	*138*			*52.0-156*		*10/14/2025 14:22*	WG2616587

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1570		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	143		5.47	10.0	10	10/09/2025 06:13	WG2616409
Fluoride	0.911	J	0.761	1.50	10	10/09/2025 06:13	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 06:13	WG2616409
Nitrite as (N)	2.65		0.794	1.00	10	10/09/2025 06:13	WG2616409
Sulfate	225		6.37	50.0	10	10/09/2025 15:05	WG2616409

Sample Narrative:

L1905636-49 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0147		0.000120	0.00200	1	10/29/2025 16:44	WG2616675
Barium	0.410		0.000500	0.00200	1	10/29/2025 16:44	WG2616675
Calcium	164		0.0925	1.00	1	10/29/2025 16:44	WG2616675
Chromium	0.00125	J	0.000900	0.00200	1	10/29/2025 16:44	WG2616675
Iron	0.0481	J	0.0226	0.100	1	10/29/2025 16:44	WG2616675
Lead	0.00241		0.000500	0.00200	1	10/29/2025 16:44	WG2616675
Manganese	0.0144		0.000700	0.00500	1	10/29/2025 16:44	WG2616675
Potassium	0.660	J	0.0965	2.00	1	10/29/2025 16:44	WG2616675
Selenium	U		0.000250	0.00200	1	10/29/2025 16:44	WG2616675
Sodium	338		0.142	2.00	1	10/29/2025 16:44	WG2616675

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	43.2		1.19	2.00	20	10/14/2025 22:02	WG2620181
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*78.0-120*		*10/14/2025 22:02*	WG2620181

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 05:15	WG2616759
Benzene	14.5		0.160	0.500	500	10/11/2025 23:56	WG2617796
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 05:15	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 05:15	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 05:15	WG2616759
n-Butylbenzene	0.0117		0.000516	0.00100	1	10/09/2025 05:15	WG2616759
sec-Butylbenzene	0.0155		0.000355	0.00100	1	10/09/2025 05:15	WG2616759
Carbon disulfide	0.00176		0.000510	0.00100	1	10/09/2025 05:15	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 05:15	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 05:15	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 05:15	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 05:15	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 05:15	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 05:15	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 05:15	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 05:15	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 05:15	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 05:15	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 05:15	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 05:15	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 05:15	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 05:15	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 05:15	WG2616759
Ethylbenzene	0.716		0.00585	0.0250	25	10/10/2025 04:46	WG2617081
Isopropylbenzene	0.0447		0.000105	0.00100	1	10/09/2025 05:15	WG2616759
p-Isopropyltoluene	0.00735		0.000345	0.00100	1	10/09/2025 05:15	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 05:15	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 05:15	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 05:15	WG2616759
4-Methyl-2-pentanone (MIBK)	0.0207		0.00752	0.0200	1	10/09/2025 05:15	WG2616759
Methyl tert-butyl ether	0.332		0.00893	0.0250	25	10/10/2025 04:46	WG2617081
Naphthalene	0.178		0.0660	0.125	25	10/10/2025 04:46	WG2617081
n-Propylbenzene	0.0742		0.000239	0.00100	1	10/09/2025 05:15	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 05:15	WG2616759
tert-Butyl alcohol	0.271		0.00496	0.0200	1	10/09/2025 05:15	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 05:15	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 05:15	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 05:15	WG2616759
Toluene	0.273		0.00685	0.0250	25	10/10/2025 04:46	WG2617081
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 05:15	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 05:15	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 05:15	WG2616759
1,2,4-Trimethylbenzene	0.233		0.00685	0.0500	25	10/10/2025 04:46	WG2617081
1,3,5-Trimethylbenzene	0.0469		0.000266	0.00100	1	10/09/2025 05:15	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 05:15	WG2616759
o-Xylene	0.0109	J	0.00797	0.0250	25	10/10/2025 04:46	WG2617081
m&p-Xylene	0.484		0.0137	0.0500	25	10/10/2025 04:46	WG2617081
Xylenes, Total	0.495		0.00797	0.0750	25	10/10/2025 04:46	WG2617081
(S) Toluene-d8	*100*			*80.0-120*		*10/09/2025 05:15*	WG2616759
(S) Toluene-d8	*107*			*80.0-120*		*10/10/2025 04:46*	WG2617081
(S) Toluene-d8	*100*			*80.0-120*		*10/11/2025 23:56*	WG2617796
(S) 4-Bromofluorobenzene	*93.7*			*77.0-126*		*10/09/2025 05:15*	WG2616759
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*10/10/2025 04:46*	WG2617081
(S) 4-Bromofluorobenzene	*98.0*			*77.0-126*		*10/11/2025 23:56*	WG2617796
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*10/09/2025 05:15*	WG2616759
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/10/2025 04:46*	WG2617081
(S) 1,2-Dichloroethane-d4	*93.5*			*70.0-130*		*10/11/2025 23:56*	WG2617796

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	8.92		0.303	0.500	5	10/15/2025 04:24	WG2616587
(S) o-Terphenyl	*131*			*52.0-156*		*10/15/2025 04:24*	WG2616587

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3820		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	296		5.47	10.0	10	10/09/2025 06:23	WG2616409
Fluoride	1.55		0.761	1.50	10	10/09/2025 06:23	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 06:23	WG2616409
Nitrite as (N)	13.6		0.794	1.00	10	10/09/2025 06:23	WG2616409
Sulfate	2100		63.7	500	100	10/09/2025 15:38	WG2616409

Sample Narrative:

L1905636-50 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.253		0.0232	0.200	1	10/09/2025 18:04	WG2616885
Boron,Dissolved	0.234		0.0232	0.200	1	10/09/2025 01:27	WG2616306

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00438		0.000120	0.00200	1	10/29/2025 16:48	WG2616675
Arsenic,Dissolved	0.00324		0.000120	0.00200	1	11/02/2025 20:25	WG2616681
Barium	0.00969		0.000500	0.00200	1	10/29/2025 16:48	WG2616675
Calcium	554		0.0925	1.00	1	10/29/2025 16:48	WG2616675
Chromium	0.00124	J	0.000900	0.00200	1	10/29/2025 16:48	WG2616675
Iron	0.224		0.0226	0.100	1	10/29/2025 16:48	WG2616675
Iron,Dissolved	U		0.0226	0.100	1	11/02/2025 20:25	WG2616681
Lead	U		0.000500	0.00200	1	10/29/2025 16:48	WG2616675
Manganese	0.0231		0.000700	0.00500	1	10/29/2025 16:48	WG2616675
Manganese,Dissolved	0.0179		0.000700	0.00500	1	11/02/2025 20:25	WG2616681
Potassium	1.19	J	0.0965	2.00	1	10/29/2025 16:48	WG2616675
Selenium	0.00415		0.000250	0.00200	1	10/29/2025 16:48	WG2616675
Sodium	172		0.142	2.00	1	10/29/2025 16:48	WG2616675
Uranium	0.0330		0.000130	0.00100	1	10/29/2025 16:48	WG2616675
Uranium,Dissolved	0.0341		0.000130	0.00100	1	11/02/2025 20:25	WG2616681

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.182		0.0594	0.100	1	10/09/2025 16:04	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*95.0*			*78.0-120*		*10/09/2025 16:04*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 05:34	WG2616759
Benzene	U		0.000320	0.00100	1	10/10/2025 05:06	WG2617081
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 05:34	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 05:34	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 05:34	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 05:34	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 05:34	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 05:34	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 05:34	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 05:34	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 05:34	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 05:34	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 05:34	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 05:34	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 05:34	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 05:34	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 05:34	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 05:34	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 05:34	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 05:34	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 05:34	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 05:34	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 05:34	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 05:06	WG2617081
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 05:34	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 05:34	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 05:34	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 05:34	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 05:34	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 05:34	WG2616759
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 05:34	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/10/2025 05:06	WG2617081
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 05:34	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 05:34	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 05:34	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 05:34	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 05:34	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 05:34	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 05:34	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 05:34	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 05:34	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 05:34	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 05:06	WG2617081
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 05:34	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 05:34	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 05:34	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 05:34	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 05:34	WG2616759
(S) Toluene-d8	*103*			*80.0-120*		*10/09/2025 05:34*	WG2616759
(S) Toluene-d8	*109*			*80.0-120*		*10/10/2025 05:06*	WG2617081
(S) 4-Bromofluorobenzene	*95.5*			*77.0-126*		*10/09/2025 05:34*	WG2616759
(S) 4-Bromofluorobenzene	*94.9*			*77.0-126*		*10/10/2025 05:06*	WG2617081
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*10/09/2025 05:34*	WG2616759
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/10/2025 05:06*	WG2617081

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0698	J	0.0605	0.100	1	10/14/2025 15:02	WG2616587
(S) o-Terphenyl	*108*			*52.0-156*		*10/14/2025 15:02*	WG2616587

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2210		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	97.1		5.47	10.0	10	10/09/2025 15:49	WG2616409
Fluoride	1.68		0.761	1.50	10	10/09/2025 06:34	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 06:34	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 06:34	WG2616409
Sulfate	1200		63.7	500	100	10/09/2025 16:00	WG2616409

Sample Narrative:

L1905636-51 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00278		0.000120	0.00200	1	10/29/2025 15:08	WG2616675
Barium	0.0185		0.000500	0.00200	1	10/29/2025 15:08	WG2616675
Calcium	390		0.0925	1.00	1	10/29/2025 15:08	WG2616675
Chromium	0.00103	J	0.000900	0.00200	1	10/29/2025 15:08	WG2616675
Iron	0.223		0.0226	0.100	1	10/29/2025 15:08	WG2616675
Lead	0.00185	J	0.000500	0.00200	1	10/29/2025 15:08	WG2616675
Manganese	0.0130		0.000700	0.00500	1	10/29/2025 15:08	WG2616675
Potassium	0.615	J	0.0965	2.00	1	10/29/2025 15:08	WG2616675
Selenium	0.0109		0.000250	0.00200	1	10/29/2025 15:08	WG2616675
Sodium	93.0		0.142	2.00	1	10/29/2025 15:08	WG2616675

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 05:54	WG2616759
Benzene	U		0.000320	0.00100	1	10/10/2025 05:27	WG2617081
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 05:54	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 05:54	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 05:54	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 05:54	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 05:54	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 05:54	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 05:54	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 05:54	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 05:54	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 05:54	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 05:54	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 05:54	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 05:54	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 05:54	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 05:54	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 05:54	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 05:54	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 05:54	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 05:54	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 05:54	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 05:54	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 05:54	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 05:54	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 05:54	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 05:54	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 05:54	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 05:54	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 05:54	WG2616759
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 05:54	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 05:54	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 05:54	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 05:54	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 05:54	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 05:54	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 05:54	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 05:54	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 05:54	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 05:54	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 05:54	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 05:54	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 05:54	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 05:54	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 05:54	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 05:54	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 05:54	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 05:54	WG2616759
(S) Toluene-d8	*104*			*80.0-120*		*10/09/2025 05:54*	WG2616759
(S) Toluene-d8	*109*			*80.0-120*		*10/10/2025 05:27*	WG2617081
(S) 4-Bromofluorobenzene	*90.0*			*77.0-126*		*10/09/2025 05:54*	WG2616759
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*10/10/2025 05:27*	WG2617081
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/09/2025 05:54*	WG2616759
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/10/2025 05:27*	WG2617081

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0735	J	0.0605	0.100	1	10/14/2025 15:22	WG2616587
(S) o-Terphenyl	*106*			*52.0-156*		*10/14/2025 15:22*	WG2616587

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3720		100	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	629		5.47	10.0	10	10/09/2025 06:45	WG2616409
Fluoride	2.25		0.761	1.50	10	10/09/2025 06:45	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 06:45	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 06:45	WG2616409
Sulfate	2170		63.7	500	100	10/09/2025 16:43	WG2616409

Sample Narrative:

L1905636-52 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.427		0.0232	0.200	1	10/09/2025 18:06	WG2616885
Boron,Dissolved	0.394		0.0232	0.200	1	10/09/2025 01:30	WG2616306

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00434		0.000120	0.00200	1	10/29/2025 16:51	WG2616675
Arsenic,Dissolved	0.00457		0.000120	0.00200	1	11/02/2025 20:28	WG2616681
Barium	0.0108		0.000500	0.00200	1	10/29/2025 16:51	WG2616675
Calcium	655		0.0925	1.00	1	10/29/2025 16:51	WG2616675
Chromium	U		0.000900	0.00200	1	10/29/2025 16:51	WG2616675
Iron	U		0.0226	0.100	1	10/29/2025 16:51	WG2616675
Iron,Dissolved	U		0.0226	0.100	1	11/02/2025 20:28	WG2616681
Lead	U		0.000500	0.00200	1	10/29/2025 16:51	WG2616675
Manganese	0.0200		0.000700	0.00500	1	10/29/2025 16:51	WG2616675
Manganese,Dissolved	0.0166		0.000700	0.00500	1	11/02/2025 20:28	WG2616681
Potassium	1.65	J	0.0965	2.00	1	10/29/2025 16:51	WG2616675
Selenium	0.00851		0.000250	0.00200	1	10/29/2025 16:51	WG2616675
Sodium	204		0.142	2.00	1	10/29/2025 16:51	WG2616675
Uranium	0.0421		0.000130	0.00100	1	10/29/2025 16:51	WG2616675
Uranium,Dissolved	0.0437		0.000130	0.00100	1	11/02/2025 20:28	WG2616681

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1630		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	175		5.47	10.0	10	10/09/2025 07:18	WG2616409
Fluoride	1.13	J	0.761	1.50	10	10/09/2025 07:18	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 07:18	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 07:18	WG2616409
Sulfate	240		6.37	50.0	10	10/09/2025 16:54	WG2616409

Sample Narrative:

L1905636-53 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0142		0.000120	0.00200	1	10/29/2025 15:14	WG2616675
Barium	0.397		0.000500	0.00200	1	10/29/2025 15:14	WG2616675
Calcium	164		0.0925	1.00	1	10/29/2025 15:14	WG2616675
Chromium	0.00146	J	0.000900	0.00200	1	10/29/2025 15:14	WG2616675
Iron	0.132		0.0226	0.100	1	10/29/2025 15:14	WG2616675
Lead	0.00250		0.000500	0.00200	1	10/29/2025 15:14	WG2616675
Manganese	0.0152		0.000700	0.00500	1	10/29/2025 15:14	WG2616675
Potassium	0.686	J	0.0965	2.00	1	10/29/2025 15:14	WG2616675
Selenium	U		0.000250	0.00200	1	10/29/2025 15:14	WG2616675
Sodium	339		0.142	2.00	1	10/29/2025 15:14	WG2616675

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	36.1		1.19	2.00	20	10/09/2025 20:00	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*97.8*			*78.0-120*		*10/09/2025 20:00*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		23.4	25.0	500	10/09/2025 06:34	WG2616759
Benzene	14.3		0.160	0.500	500	10/09/2025 06:34	WG2616759
Bromodichloromethane	U		0.186	0.500	500	10/09/2025 06:34	WG2616759
Bromoform	U		0.274	0.500	500	10/09/2025 06:34	WG2616759
Bromomethane	U	C3	2.43	2.50	500	10/09/2025 06:34	WG2616759
n-Butylbenzene	U		0.258	0.500	500	10/09/2025 06:34	WG2616759
sec-Butylbenzene	U		0.178	0.500	500	10/09/2025 06:34	WG2616759
Carbon disulfide	U		0.255	0.500	500	10/09/2025 06:34	WG2616759
Carbon tetrachloride	U	C3	0.180	0.500	500	10/09/2025 06:34	WG2616759
Chlorobenzene	U		0.133	0.500	500	10/09/2025 06:34	WG2616759
Chlorodibromomethane	U		0.199	0.500	500	10/09/2025 06:34	WG2616759
Chloroethane	U		1.40	2.50	500	10/09/2025 06:34	WG2616759
Chloroform	U		0.640	2.50	500	10/09/2025 06:34	WG2616759
Chloromethane	U		0.850	2.50	500	10/09/2025 06:34	WG2616759
1,2-Dibromoethane	U		0.170	0.500	500	10/09/2025 06:34	WG2616759
1,1-Dichloroethane	U		0.195	0.500	500	10/09/2025 06:34	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.198	0.500	500	10/09/2025 06:34	WG2616759
1,1-Dichloroethene	U		0.211	0.500	500	10/09/2025 06:34	WG2616759
cis-1,2-Dichloroethene	U		0.162	0.500	500	10/09/2025 06:34	WG2616759
trans-1,2-Dichloroethene	U		0.174	0.500	500	10/09/2025 06:34	WG2616759
1,2-Dichloropropane	U		0.214	0.500	500	10/09/2025 06:34	WG2616759
cis-1,3-Dichloropropene	U		0.174	0.500	500	10/09/2025 06:34	WG2616759
trans-1,3-Dichloropropene	U		0.157	0.500	500	10/09/2025 06:34	WG2616759
Ethylbenzene	0.805		0.117	0.500	500	10/09/2025 06:34	WG2616759
Isopropylbenzene	U		0.0525	0.500	500	10/09/2025 06:34	WG2616759
p-Isopropyltoluene	U		0.172	0.500	500	10/09/2025 06:34	WG2616759
2-Butanone (MEK)	U		4.50	10.0	500	10/09/2025 06:34	WG2616759
2-Hexanone	U		2.90	10.0	500	10/09/2025 06:34	WG2616759
Methylene Chloride	U		0.740	2.50	500	10/09/2025 06:34	WG2616759
4-Methyl-2-pentanone (MIBK)	U		3.76	10.0	500	10/09/2025 06:34	WG2616759
Methyl tert-butyl ether	U		0.179	0.500	500	10/09/2025 06:34	WG2616759
Naphthalene	U		1.32	2.50	500	10/09/2025 06:34	WG2616759
n-Propylbenzene	U		0.120	0.500	500	10/09/2025 06:34	WG2616759
Styrene	U		0.171	0.500	500	10/09/2025 06:34	WG2616759
tert-Butyl alcohol	U		2.48	10.0	500	10/09/2025 06:34	WG2616759
1,1,1,2-Tetrachloroethane	U		0.191	0.500	500	10/09/2025 06:34	WG2616759
1,1,2,2-Tetrachloroethane	U		0.177	0.500	500	10/09/2025 06:34	WG2616759
Tetrachloroethene	U		0.179	0.500	500	10/09/2025 06:34	WG2616759
Toluene	0.325	J	0.137	0.500	500	10/09/2025 06:34	WG2616759
1,1,1-Trichloroethane	U		0.168	0.500	500	10/09/2025 06:34	WG2616759
1,1,2-Trichloroethane	U		0.188	0.500	500	10/09/2025 06:34	WG2616759
Trichloroethene	U		0.192	0.500	500	10/09/2025 06:34	WG2616759
1,2,4-Trimethylbenzene	0.237	J	0.137	1.00	500	10/09/2025 06:34	WG2616759
1,3,5-Trimethylbenzene	U		0.133	0.500	500	10/09/2025 06:34	WG2616759
Vinyl chloride	U	C3	0.229	0.500	500	10/09/2025 06:34	WG2616759
o-Xylene	U		0.160	0.500	500	10/09/2025 06:34	WG2616759
m&p-Xylene	0.554	J	0.275	1.00	500	10/09/2025 06:34	WG2616759
Xylenes, Total	0.554	J	0.160	1.50	500	10/09/2025 06:34	WG2616759
(S) Toluene-d8	*103*			*80.0-120*		*10/09/2025 06:34*	WG2616759
(S) 4-Bromofluorobenzene	*91.4*			*77.0-126*		*10/09/2025 06:34*	WG2616759
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/09/2025 06:34*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	8.70		0.0605	0.100	1	10/14/2025 17:13	WG2616588
(S) o-Terphenyl	*53.7*			*52.0-156*		*10/14/2025 17:13*	WG2616588

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U	J6	0.547	1.00	1	10/09/2025 11:18	WG2616409
Fluoride	U		0.0761	0.150	1	10/14/2025 21:12	WG2620325
Nitrate as (N)	U	J6	0.0884	0.100	1	10/09/2025 11:18	WG2616409
Nitrite as (N)	U	J6	0.0794	0.100	1	10/09/2025 11:18	WG2616409
Sulfate	U	J6	0.637	5.00	1	10/09/2025 11:18	WG2616409

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	11/05/2025 20:56	WG2616678
Barium	U		0.000500	0.00200	1	11/05/2025 20:56	WG2616678
Calcium	0.129	J	0.0925	1.00	1	11/05/2025 20:56	WG2616678
Chromium	U		0.000900	0.00200	1	11/05/2025 20:56	WG2616678
Iron	U		0.0226	0.100	1	11/05/2025 20:56	WG2616678
Lead	U		0.000500	0.00200	1	11/05/2025 20:56	WG2616678
Manganese	0.00194	J	0.000700	0.00500	1	11/05/2025 20:56	WG2616678
Potassium	U		0.0965	2.00	1	11/05/2025 20:56	WG2616678
Selenium	U		0.000250	0.00200	1	11/05/2025 20:56	WG2616678
Sodium	U		0.142	2.00	1	11/05/2025 20:56	WG2616678

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 13:55	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*78.0-120*		*10/09/2025 13:55*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 01:17	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 01:17	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 01:17	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 01:17	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 01:17	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 01:17	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 01:17	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 01:17	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 01:17	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 01:17	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 01:17	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 01:17	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 01:17	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 01:17	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 01:17	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 01:17	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 01:17	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 01:17	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 01:17	WG2616759

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 01:17	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 01:17	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 01:17	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 01:17	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 01:17	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 01:17	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 01:17	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 01:17	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 01:17	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 01:17	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 01:17	WG2616759
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 01:17	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 01:17	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 01:17	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 01:17	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 01:17	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 01:17	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 01:17	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 01:17	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 01:17	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 01:17	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 01:17	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 01:17	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 01:17	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 01:17	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 01:17	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 01:17	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 01:17	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 01:17	WG2616759
(S) Toluene-d8	*107*			*80.0-120*		*10/09/2025 01:17*	WG2616759
(S) 4-Bromofluorobenzene	*90.2*			*77.0-126*		*10/09/2025 01:17*	WG2616759
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/09/2025 01:17*	WG2616759

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/14/2025 17:33	WG2616588
(S) o-Terphenyl	*73.7*			*52.0-156*		*10/14/2025 17:33*	WG2616588

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 00:57	WG2616759
Benzene	U		0.000320	0.00100	1	10/09/2025 00:57	WG2616759
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 00:57	WG2616759
Bromoform	U		0.000548	0.00100	1	10/09/2025 00:57	WG2616759
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 00:57	WG2616759
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 00:57	WG2616759
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 00:57	WG2616759
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 00:57	WG2616759
Carbon tetrachloride	U	C3	0.000360	0.00100	1	10/09/2025 00:57	WG2616759
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 00:57	WG2616759
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 00:57	WG2616759
Chloroethane	U		0.00279	0.00500	1	10/09/2025 00:57	WG2616759
Chloroform	U		0.00128	0.00500	1	10/09/2025 00:57	WG2616759
Chloromethane	U		0.00170	0.00500	1	10/09/2025 00:57	WG2616759
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 00:57	WG2616759
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 00:57	WG2616759
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 00:57	WG2616759
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 00:57	WG2616759
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 00:57	WG2616759
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 00:57	WG2616759
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 00:57	WG2616759
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 00:57	WG2616759
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 00:57	WG2616759
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 00:57	WG2616759
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 00:57	WG2616759
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 00:57	WG2616759
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 00:57	WG2616759
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 00:57	WG2616759
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 00:57	WG2616759
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 00:57	WG2616759
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 00:57	WG2616759
Naphthalene	U		0.00264	0.00500	1	10/09/2025 00:57	WG2616759
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 00:57	WG2616759
Styrene	U		0.000342	0.00100	1	10/09/2025 00:57	WG2616759
tert-Butyl alcohol	U		0.00496	0.0200	1	10/09/2025 00:57	WG2616759
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 00:57	WG2616759
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/09/2025 00:57	WG2616759
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 00:57	WG2616759
Toluene	U		0.000274	0.00100	1	10/09/2025 00:57	WG2616759
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 00:57	WG2616759
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 00:57	WG2616759
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 00:57	WG2616759
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 00:57	WG2616759
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 00:57	WG2616759
Vinyl chloride	U	C3	0.000458	0.00100	1	10/09/2025 00:57	WG2616759
o-Xylene	U		0.000319	0.00100	1	10/09/2025 00:57	WG2616759
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 00:57	WG2616759
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 00:57	WG2616759
(S) Toluene-d8	*109*			*80.0-120*		*10/09/2025 00:57*	WG2616759
(S) 4-Bromofluorobenzene	*89.4*			*77.0-126*		*10/09/2025 00:57*	WG2616759
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*10/09/2025 00:57*	WG2616759

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	833		13.3	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	30.7		5.47	10.0	10	10/09/2025 17:15	WG2616409
Fluoride	1.12	J	0.761	1.50	10	10/09/2025 07:28	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 07:28	WG2616409
Nitrite as (N)	19.8		0.794	1.00	10	10/09/2025 07:28	WG2616409
Sulfate	109		6.37	50.0	10	10/09/2025 17:15	WG2616409

Sample Narrative:

L1905636-56 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0132		0.000120	0.00200	1	11/05/2025 20:59	WG2616678
Barium	0.0494		0.000500	0.00200	1	11/05/2025 20:59	WG2616678
Calcium	118		0.0925	1.00	1	11/05/2025 20:59	WG2616678
Chromium	U		0.000900	0.00200	1	11/05/2025 20:59	WG2616678
Iron	0.434		0.0226	0.100	1	11/05/2025 20:59	WG2616678
Lead	U		0.000500	0.00200	1	11/05/2025 20:59	WG2616678
Manganese	0.588		0.000700	0.00500	1	11/05/2025 20:59	WG2616678
Potassium	0.614	J	0.0965	2.00	1	11/05/2025 20:59	WG2616678
Selenium	U		0.000250	0.00200	1	11/05/2025 20:59	WG2616678
Sodium	108		0.142	2.00	1	11/05/2025 20:59	WG2616678

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.322		0.0594	0.100	1	10/09/2025 16:25	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*97.8*			*78.0-120*		*10/09/2025 16:25*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 02:19	WG2616735
Benzene	0.00446		0.000320	0.00100	1	10/09/2025 02:19	WG2616735
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 02:19	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 02:19	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 02:19	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 02:19	WG2616735
sec-Butylbenzene	0.00167		0.000355	0.00100	1	10/09/2025 02:19	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 02:19	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 02:19	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 02:19	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 02:19	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 02:19	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 02:19	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 02:19	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 02:19	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 02:19	WG2616735

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 02:19	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 02:19	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 02:19	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 02:19	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 02:19	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 02:19	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 02:19	WG2616735
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 02:19	WG2616735
Isopropylbenzene	0.00204		0.000105	0.00100	1	10/09/2025 02:19	WG2616735
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 02:19	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 02:19	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 02:19	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 02:19	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 02:19	WG2616735
Methyl tert-butyl ether	0.0140		0.000357	0.00100	1	10/09/2025 02:19	WG2616735
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 02:19	WG2616735
n-Propylbenzene	0.000807	J	0.000239	0.00100	1	10/09/2025 02:19	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 02:19	WG2616735
tert-Butyl alcohol	0.0166	C3 J	0.00496	0.0200	1	10/09/2025 02:19	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 02:19	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 02:19	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 02:19	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 02:19	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 02:19	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 02:19	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 02:19	WG2616735
1,2,4-Trimethylbenzene	0.000351	J	0.000274	0.00200	1	10/09/2025 02:19	WG2616735
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 02:19	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 02:19	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 02:19	WG2616735
m&p-Xylene	0.000587	J	0.000549	0.00200	1	10/09/2025 02:19	WG2616735
Xylenes, Total	0.000587	J	0.000319	0.00300	1	10/09/2025 02:19	WG2616735
(S) Toluene-d8	*90.8*			*80.0-120*		*10/09/2025 02:19*	WG2616735
(S) 4-Bromofluorobenzene	*97.7*			*77.0-126*		*10/09/2025 02:19*	WG2616735
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/09/2025 02:19*	WG2616735

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.85		0.0605	0.100	1	10/14/2025 17:53	WG2616588
(S) o-Terphenyl	*61.6*			*52.0-156*		*10/14/2025 17:53*	WG2616588

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1990		25.0	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	40.1		5.47	10.0	10	10/14/2025 21:24	WG2620325
Fluoride	1.02	J	0.761	1.50	10	10/09/2025 07:39	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 07:39	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 07:39	WG2616409
Sulfate	872		6.37	50.0	10	10/09/2025 07:39	WG2616409

Sample Narrative:

L1905636-57 WG2620325, WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0111		0.000120	0.00200	1	11/05/2025 21:02	WG2616678
Barium	0.230		0.000500	0.00200	1	11/05/2025 21:02	WG2616678
Calcium	495		0.0925	1.00	1	11/05/2025 21:02	WG2616678
Chromium	0.00281		0.000900	0.00200	1	11/05/2025 21:02	WG2616678
Iron	0.776		0.0226	0.100	1	11/05/2025 21:02	WG2616678
Lead	0.00176	J	0.000500	0.00200	1	11/05/2025 21:02	WG2616678
Manganese	0.288		0.000700	0.00500	1	11/05/2025 21:02	WG2616678
Potassium	5.98		0.0965	2.00	1	11/05/2025 21:02	WG2616678
Selenium	0.000790	J	0.000250	0.00200	1	11/05/2025 21:02	WG2616678
Sodium	49.8		0.142	2.00	1	11/05/2025 21:02	WG2616678

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	15.0		0.594	1.00	10	10/14/2025 21:39	WG2620181
(S) a,a,a-Trifluorotoluene(FID)	*97.3*			*78.0-120*		*10/14/2025 21:39*	WG2620181

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 02:39	WG2616735
Benzene	4.14		0.0320	0.100	100	10/10/2025 00:44	WG2617097
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 02:39	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 02:39	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 02:39	WG2616735
n-Butylbenzene	0.00313		0.000516	0.00100	1	10/09/2025 02:39	WG2616735
sec-Butylbenzene	0.00720		0.000355	0.00100	1	10/09/2025 02:39	WG2616735
Carbon disulfide	0.00198		0.000510	0.00100	1	10/09/2025 02:39	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 02:39	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 02:39	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 02:39	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 02:39	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 02:39	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 02:39	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 02:39	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 02:39	WG2616735

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 02:39	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 02:39	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 02:39	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 02:39	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 02:39	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 02:39	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 02:39	WG2616735
Ethylbenzene	0.0403		0.000234	0.00100	1	10/09/2025 02:39	WG2616735
Isopropylbenzene	0.0336		0.000105	0.00100	1	10/09/2025 02:39	WG2616735
p-Isopropyltoluene	0.00378		0.000345	0.00100	1	10/09/2025 02:39	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 02:39	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 02:39	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 02:39	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 02:39	WG2616735
Methyl tert-butyl ether	0.00959		0.000357	0.00100	1	10/09/2025 02:39	WG2616735
Naphthalene	0.00693	C3	0.00264	0.00500	1	10/09/2025 02:39	WG2616735
n-Propylbenzene	0.0324		0.000239	0.00100	1	10/09/2025 02:39	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 02:39	WG2616735
tert-Butyl alcohol	0.0547	C3	0.00496	0.0200	1	10/09/2025 02:39	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 02:39	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 02:39	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 02:39	WG2616735
Toluene	0.00472		0.000274	0.00100	1	10/09/2025 02:39	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 02:39	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 02:39	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 02:39	WG2616735
1,2,4-Trimethylbenzene	0.0308		0.000274	0.00200	1	10/09/2025 02:39	WG2616735
1,3,5-Trimethylbenzene	0.00249		0.000266	0.00100	1	10/09/2025 02:39	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 02:39	WG2616735
o-Xylene	0.00187		0.000319	0.00100	1	10/09/2025 02:39	WG2616735
m&p-Xylene	0.0972		0.000549	0.00200	1	10/09/2025 02:39	WG2616735
Xylenes, Total	0.0991		0.000319	0.00300	1	10/09/2025 02:39	WG2616735
(S) Toluene-d8	*92.5*			*80.0-120*		*10/09/2025 02:39*	WG2616735
(S) Toluene-d8	*109*			*80.0-120*		*10/10/2025 00:44*	WG2617097
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*10/09/2025 02:39*	WG2616735
(S) 4-Bromofluorobenzene	*86.3*			*77.0-126*		*10/10/2025 00:44*	WG2617097
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*		*10/09/2025 02:39*	WG2616735
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/10/2025 00:44*	WG2617097

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	9.34		0.0605	0.100	1	10/14/2025 18:14	WG2616588
(S) o-Terphenyl	*57.4*			*52.0-156*		*10/14/2025 18:14*	WG2616588

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2380		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	25.7		5.47	10.0	10	10/09/2025 17:59	WG2616409
Fluoride	U		0.761	1.50	10	10/09/2025 07:50	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 07:50	WG2616409
Nitrite as (N)	8.34		0.794	1.00	10	10/09/2025 07:50	WG2616409
Sulfate	643		6.37	50.0	10	10/09/2025 07:50	WG2616409

Sample Narrative:

L1905636-58 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00277		0.000120	0.00200	1	11/05/2025 21:06	WG2616678
Barium	0.0175		0.000500	0.00200	1	11/05/2025 21:06	WG2616678
Calcium	266		0.0925	1.00	1	11/05/2025 21:06	WG2616678
Chromium	0.110		0.000900	0.00200	1	11/05/2025 21:06	WG2616678
Iron	0.166		0.0226	0.100	1	11/05/2025 21:06	WG2616678
Lead	0.000831	J	0.000500	0.00200	1	11/05/2025 21:06	WG2616678
Manganese	0.723		0.000700	0.00500	1	11/05/2025 21:06	WG2616678
Potassium	0.556	J	0.0965	2.00	1	11/05/2025 21:06	WG2616678
Selenium	U		0.000250	0.00200	1	11/05/2025 21:06	WG2616678
Sodium	195		0.142	2.00	1	11/05/2025 21:06	WG2616678

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.380		0.0594	0.100	1	10/09/2025 17:08	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*78.0-120*		*10/09/2025 17:08*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 02:59	WG2616735
Benzene	U		0.000320	0.00100	1	10/10/2025 01:07	WG2617097
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 02:59	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 02:59	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 02:59	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 02:59	WG2616735
sec-Butylbenzene	0.00400		0.000355	0.00100	1	10/10/2025 01:07	WG2617097
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 02:59	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 02:59	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 02:59	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 02:59	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 02:59	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 02:59	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 02:59	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 02:59	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 02:59	WG2616735

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 02:59	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 02:59	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 02:59	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 02:59	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 02:59	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 02:59	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 02:59	WG2616735
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 01:07	WG2617097
Isopropylbenzene	0.00757		0.000105	0.00100	1	10/10/2025 01:07	WG2617097
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 02:59	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 02:59	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 02:59	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 02:59	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 02:59	WG2616735
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 01:07	WG2617097
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 02:59	WG2616735
n-Propylbenzene	0.00198		0.000239	0.00100	1	10/10/2025 01:07	WG2617097
Styrene	U		0.000342	0.00100	1	10/09/2025 02:59	WG2616735
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	10/09/2025 02:59	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 02:59	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 02:59	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 02:59	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 02:59	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 02:59	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 02:59	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 02:59	WG2616735
1,2,4-Trimethylbenzene	0.000334	J	0.000274	0.00200	1	10/10/2025 01:07	WG2617097
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 02:59	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 02:59	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 02:59	WG2616735
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 02:59	WG2616735
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 02:59	WG2616735
(S) Toluene-d8	*89.0*			*80.0-120*		*10/09/2025 02:59*	WG2616735
(S) Toluene-d8	*94.4*			*80.0-120*		*10/10/2025 01:07*	WG2617097
(S) 4-Bromofluorobenzene	*99.8*			*77.0-126*		*10/09/2025 02:59*	WG2616735
(S) 4-Bromofluorobenzene	*88.3*			*77.0-126*		*10/10/2025 01:07*	WG2617097
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*10/09/2025 02:59*	WG2616735
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/10/2025 01:07*	WG2617097

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.83		0.0605	0.100	1	10/14/2025 18:34	WG2616588
(S) o-Terphenyl	*66.8*			*52.0-156*		*10/14/2025 18:34*	WG2616588

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1790		25.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	114		5.47	10.0	10	10/09/2025 08:01	WG2616409
Fluoride	1.08	J	0.761	1.50	10	10/09/2025 08:01	WG2616409
Nitrate as (N)	0.996	J	0.884	1.00	10	10/09/2025 08:01	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 08:01	WG2616409
Sulfate	851		6.37	50.0	10	10/09/2025 08:01	WG2616409

Sample Narrative:

L1905636-59 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.158	J	0.0232	0.200	1	10/09/2025 18:08	WG2616885
Boron,Dissolved	0.146	J	0.0232	0.200	1	10/09/2025 01:32	WG2616306

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00533		0.000120	0.00200	1	11/05/2025 21:09	WG2616678
Arsenic,Dissolved	0.00542		0.000120	0.00200	1	11/02/2025 19:01	WG2616681
Barium	0.0110		0.000500	0.00200	1	11/05/2025 21:09	WG2616678
Calcium	314		0.0925	1.00	1	11/05/2025 21:09	WG2616678
Chromium	U		0.000900	0.00200	1	11/05/2025 21:09	WG2616678
Iron	U		0.0226	0.100	1	11/05/2025 21:09	WG2616678
Iron,Dissolved	U		0.0226	0.100	1	11/02/2025 19:01	WG2616681
Lead	0.000863	J	0.000500	0.00200	1	11/05/2025 21:09	WG2616678
Manganese	0.138		0.000700	0.00500	1	11/05/2025 21:09	WG2616678
Manganese,Dissolved	0.108		0.000700	0.00500	1	11/02/2025 19:01	WG2616681
Potassium	1.21	J	0.0965	2.00	1	11/05/2025 21:09	WG2616678
Selenium	0.00666		0.000250	0.00200	1	11/05/2025 21:09	WG2616678
Sodium	102		0.142	2.00	1	11/05/2025 21:09	WG2616678
Uranium	0.0124		0.000130	0.00100	1	11/05/2025 21:09	WG2616678
Uranium,Dissolved	0.0110		0.000130	0.00100	1	11/02/2025 19:01	WG2616681

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1510		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	204		5.47	10.0	10	10/09/2025 08:12	WG2616409
Fluoride	1.38	J	0.761	1.50	10	10/09/2025 08:12	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 08:12	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 08:12	WG2616409
Sulfate	192		6.37	50.0	10	10/09/2025 19:04	WG2616409

Sample Narrative:

L1905636-60 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.755		0.0232	0.200	1	10/09/2025 18:09	WG2616885

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00349		0.000120	0.00200	1	11/05/2025 21:12	WG2616678
Barium	0.0660		0.000500	0.00200	1	11/05/2025 21:12	WG2616678
Calcium	148		0.0925	1.00	1	11/05/2025 21:12	WG2616678
Chromium	U		0.000900	0.00200	1	11/05/2025 21:12	WG2616678
Iron	U		0.0226	0.100	1	11/05/2025 21:12	WG2616678
Lead	0.000513	J	0.000500	0.00200	1	11/05/2025 21:12	WG2616678
Manganese	0.131		0.000700	0.00500	1	11/05/2025 21:12	WG2616678
Potassium	2.20		0.0965	2.00	1	11/05/2025 21:12	WG2616678
Selenium	U		0.000250	0.00200	1	11/05/2025 21:12	WG2616678
Sodium	276		0.142	2.00	1	11/05/2025 21:12	WG2616678
Uranium	U		0.000130	0.00100	1	11/05/2025 21:12	WG2616678

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	3.06		0.594	1.00	10	10/09/2025 20:22	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*78.0-120*		*10/09/2025 20:22*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.469	0.500	10	10/09/2025 06:41	WG2616735
Benzene	0.326		0.00320	0.0100	10	10/09/2025 06:41	WG2616735
Bromodichloromethane	U		0.00371	0.0100	10	10/09/2025 06:41	WG2616735
Bromoform	U	C3	0.00548	0.0100	10	10/09/2025 06:41	WG2616735
Bromomethane	U	C3	0.0485	0.0500	10	10/09/2025 06:41	WG2616735
n-Butylbenzene	U		0.00516	0.0100	10	10/09/2025 06:41	WG2616735
sec-Butylbenzene	0.00499	J	0.00355	0.0100	10	10/09/2025 06:41	WG2616735
Carbon disulfide	U		0.00510	0.0100	10	10/09/2025 06:41	WG2616735
Carbon tetrachloride	U		0.00360	0.0100	10	10/09/2025 06:41	WG2616735
Chlorobenzene	U		0.00266	0.0100	10	10/09/2025 06:41	WG2616735

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.00398	0.0100	10	10/09/2025 06:41	WG2616735
Chloroethane	U		0.0279	0.0500	10	10/09/2025 06:41	WG2616735
Chloroform	U		0.0128	0.0500	10	10/09/2025 06:41	WG2616735
Chloromethane	U		0.0170	0.0500	10	10/09/2025 06:41	WG2616735
1,2-Dibromoethane	U		0.00341	0.0100	10	10/09/2025 06:41	WG2616735
1,1-Dichloroethane	U		0.00389	0.0100	10	10/09/2025 06:41	WG2616735
1,2-Dichloroethane	U		0.00395	0.0100	10	10/09/2025 06:41	WG2616735
1,1-Dichloroethene	U		0.00422	0.0100	10	10/09/2025 06:41	WG2616735
cis-1,2-Dichloroethene	U		0.00323	0.0100	10	10/09/2025 06:41	WG2616735
trans-1,2-Dichloroethene	U		0.00348	0.0100	10	10/09/2025 06:41	WG2616735
1,2-Dichloropropane	U		0.00427	0.0100	10	10/09/2025 06:41	WG2616735
cis-1,3-Dichloropropene	U		0.00348	0.0100	10	10/09/2025 06:41	WG2616735
trans-1,3-Dichloropropene	U		0.00313	0.0100	10	10/09/2025 06:41	WG2616735
Ethylbenzene	0.00802	J	0.00234	0.0100	10	10/09/2025 06:41	WG2616735
Isopropylbenzene	0.0309		0.00105	0.0100	10	10/09/2025 06:41	WG2616735
p-Isopropyltoluene	U		0.00345	0.0100	10	10/09/2025 06:41	WG2616735
2-Butanone (MEK)	U		0.0900	0.200	10	10/09/2025 06:41	WG2616735
2-Hexanone	U		0.0580	0.200	10	10/09/2025 06:41	WG2616735
Methylene Chloride	U		0.0148	0.0500	10	10/09/2025 06:41	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.0752	0.200	10	10/09/2025 06:41	WG2616735
Methyl tert-butyl ether	0.0779		0.00357	0.0100	10	10/09/2025 06:41	WG2616735
Naphthalene	U	C3	0.0264	0.0500	10	10/09/2025 06:41	WG2616735
n-Propylbenzene	0.0379		0.00239	0.0100	10	10/09/2025 06:41	WG2616735
Styrene	U		0.00342	0.0100	10	10/09/2025 06:41	WG2616735
tert-Butyl alcohol	U	C3	0.0496	0.200	10	10/09/2025 06:41	WG2616735
1,1,1,2-Tetrachloroethane	U		0.00381	0.0100	10	10/09/2025 06:41	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.00354	0.0100	10	10/09/2025 06:41	WG2616735
Tetrachloroethene	U		0.00358	0.0100	10	10/09/2025 06:41	WG2616735
Toluene	0.00381	J	0.00274	0.0100	10	10/09/2025 06:41	WG2616735
1,1,1-Trichloroethane	U		0.00336	0.0100	10	10/09/2025 06:41	WG2616735
1,1,2-Trichloroethane	U		0.00375	0.0100	10	10/09/2025 06:41	WG2616735
Trichloroethene	U		0.00383	0.0100	10	10/09/2025 06:41	WG2616735
1,2,4-Trimethylbenzene	0.0864		0.00274	0.0200	10	10/09/2025 06:41	WG2616735
1,3,5-Trimethylbenzene	0.0136		0.00266	0.0100	10	10/09/2025 06:41	WG2616735
Vinyl chloride	U		0.00458	0.0100	10	10/09/2025 06:41	WG2616735
o-Xylene	U		0.00319	0.0100	10	10/09/2025 06:41	WG2616735
m&p-Xylene	0.0969		0.00549	0.0200	10	10/09/2025 06:41	WG2616735
Xylenes, Total	0.0969		0.00319	0.0300	10	10/09/2025 06:41	WG2616735
(S) Toluene-d8	*92.8*			*80.0-120*		*10/09/2025 06:41*	WG2616735
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*10/09/2025 06:41*	WG2616735
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/09/2025 06:41*	WG2616735

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.77		0.0605	0.100	1	10/14/2025 18:54	WG2616588
(S) o-Terphenyl	*50.6*	J2		*52.0-156*		*10/14/2025 18:54*	WG2616588

Sample Narrative:

L1905636-60 WG2616588: Surrogate failure due to matrix interference

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1040		20.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	94.0		5.47	10.0	10	10/09/2025 19:25	WG2616409
Fluoride	U		0.761	1.50	10	10/09/2025 08:23	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 08:23	WG2616409
Nitrite as (N)	8.35		0.794	1.00	10	10/09/2025 08:23	WG2616409
Sulfate	390		6.37	50.0	10	10/09/2025 08:23	WG2616409

Sample Narrative:

L1905636-61 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00352		0.000120	0.00200	1	11/05/2025 21:15	WG2616678
Barium	0.0913		0.000500	0.00200	1	11/05/2025 21:15	WG2616678
Calcium	176		0.0925	1.00	1	11/05/2025 21:15	WG2616678
Chromium	U		0.000900	0.00200	1	11/05/2025 21:15	WG2616678
Iron	0.269		0.0226	0.100	1	11/05/2025 21:15	WG2616678
Lead	0.00145	J	0.000500	0.00200	1	11/05/2025 21:15	WG2616678
Manganese	0.0410		0.000700	0.00500	1	11/05/2025 21:15	WG2616678
Potassium	2.79		0.0965	2.00	1	11/05/2025 21:15	WG2616678
Selenium	0.000277	J	0.000250	0.00200	1	11/05/2025 21:15	WG2616678
Sodium	108		0.142	2.00	1	11/05/2025 21:15	WG2616678

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	4.14		0.0594	0.100	1	10/09/2025 17:30	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*96.2*			*78.0-120*		*10/09/2025 17:30*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 03:20	WG2616735
Benzene	1.88		0.0320	0.100	100	10/10/2025 01:30	WG2617097
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 03:20	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 03:20	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 03:20	WG2616735
n-Butylbenzene	0.00113		0.000516	0.00100	1	10/09/2025 03:20	WG2616735
sec-Butylbenzene	0.00238		0.000355	0.00100	1	10/09/2025 03:20	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 03:20	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 03:20	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 03:20	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 03:20	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 03:20	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 03:20	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 03:20	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 03:20	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 03:20	WG2616735

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 03:20	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 03:20	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 03:20	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 03:20	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 03:20	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 03:20	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 03:20	WG2616735
Ethylbenzene	0.0169		0.000234	0.00100	1	10/09/2025 03:20	WG2616735
Isopropylbenzene	0.0130		0.000105	0.00100	1	10/09/2025 03:20	WG2616735
p-Isopropyltoluene	0.00124		0.000345	0.00100	1	10/09/2025 03:20	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 03:20	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 03:20	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 03:20	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 03:20	WG2616735
Methyl tert-butyl ether	0.0101		0.000357	0.00100	1	10/09/2025 03:20	WG2616735
Naphthalene	0.0124	C3	0.00264	0.00500	1	10/09/2025 03:20	WG2616735
n-Propylbenzene	0.0143		0.000239	0.00100	1	10/09/2025 03:20	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 03:20	WG2616735
tert-Butyl alcohol	0.00721	C3 J	0.00496	0.0200	1	10/09/2025 03:20	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 03:20	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 03:20	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 03:20	WG2616735
Toluene	0.0505		0.000274	0.00100	1	10/09/2025 03:20	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 03:20	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 03:20	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 03:20	WG2616735
1,2,4-Trimethylbenzene	0.0342		0.000274	0.00200	1	10/09/2025 03:20	WG2616735
1,3,5-Trimethylbenzene	0.00340		0.000266	0.00100	1	10/09/2025 03:20	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 03:20	WG2616735
o-Xylene	0.00510		0.000319	0.00100	1	10/09/2025 03:20	WG2616735
m&p-Xylene	0.0307		0.000549	0.00200	1	10/09/2025 03:20	WG2616735
Xylenes, Total	0.0358		0.000319	0.00300	1	10/09/2025 03:20	WG2616735
(S) Toluene-d8	*92.3*			*80.0-120*		*10/09/2025 03:20*	WG2616735
(S) Toluene-d8	*103*			*80.0-120*		*10/10/2025 01:30*	WG2617097
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*10/09/2025 03:20*	WG2616735
(S) 4-Bromofluorobenzene	*90.0*			*77.0-126*		*10/10/2025 01:30*	WG2617097
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*		*10/09/2025 03:20*	WG2616735
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/10/2025 01:30*	WG2617097

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.47		0.0605	0.100	1	10/14/2025 19:14	WG2616588
(S) o-Terphenyl	*61.1*			*52.0-156*		*10/14/2025 19:14*	WG2616588

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	3180		50.0	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	208		5.47	10.0	10	10/09/2025 08:33	WG2616409
Fluoride	1.66		0.761	1.50	10	10/09/2025 08:33	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 08:33	WG2616409
Nitrite as (N)	3.25		0.794	1.00	10	10/09/2025 08:33	WG2616409
Sulfate	1630		63.7	500	100	10/09/2025 19:58	WG2616409

Sample Narrative:

L1905636-62 WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.603		0.0232	0.200	1	10/09/2025 18:11	WG2616885

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00787		0.000120	0.00200	1	11/05/2025 20:29	WG2616678
Barium	0.0161		0.000500	0.00200	1	11/05/2025 20:29	WG2616678
Calcium	445	V	0.0925	1.00	1	11/05/2025 20:29	WG2616678
Chromium	U		0.000900	0.00200	1	11/05/2025 20:29	WG2616678
Iron	2.89		0.0226	0.100	1	11/05/2025 20:29	WG2616678
Lead	0.000969	J	0.000500	0.00200	1	11/05/2025 20:29	WG2616678
Manganese	0.630		0.000700	0.00500	1	11/05/2025 20:29	WG2616678
Potassium	3.91		0.0965	2.00	1	11/05/2025 20:29	WG2616678
Selenium	0.000269	J	0.000250	0.00200	1	11/05/2025 20:29	WG2616678
Sodium	312	V	0.142	2.00	1	11/05/2025 20:29	WG2616678
Uranium	0.000608	J	0.000130	0.00100	1	11/05/2025 20:29	WG2616678

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0469	0.0500	1	10/09/2025 03:40	WG2616735
Benzene	U		0.000320	0.00100	1	10/10/2025 01:53	WG2617097
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 03:40	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 03:40	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 03:40	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 03:40	WG2616735
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 03:40	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 03:40	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 03:40	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 03:40	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 03:40	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 03:40	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 03:40	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 03:40	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 03:40	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 03:40	WG2616735
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 03:40	WG2616735

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 03:40	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 03:40	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 03:40	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 03:40	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 03:40	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 03:40	WG2616735
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 03:40	WG2616735
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 03:40	WG2616735
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 03:40	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 03:40	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 03:40	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 03:40	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 03:40	WG2616735
Methyl tert-butyl ether	0.00202		0.000357	0.00100	1	10/10/2025 01:53	WG2617097
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 03:40	WG2616735
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 03:40	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 03:40	WG2616735
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	10/09/2025 03:40	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 03:40	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 03:40	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 03:40	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 03:40	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 03:40	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 03:40	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 03:40	WG2616735
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 03:40	WG2616735
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 03:40	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 03:40	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 03:40	WG2616735
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 03:40	WG2616735
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 03:40	WG2616735
(S) Toluene-d8	*92.1*			*80.0-120*		*10/09/2025 03:40*	WG2616735
(S) Toluene-d8	*104*			*80.0-120*		*10/10/2025 01:53*	WG2617097
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*10/09/2025 03:40*	WG2616735
(S) 4-Bromofluorobenzene	*92.7*			*77.0-126*		*10/10/2025 01:53*	WG2617097
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/09/2025 03:40*	WG2616735
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*10/10/2025 01:53*	WG2617097

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.843		0.0605	0.100	1	10/14/2025 19:35	WG2616588
(S) o-Terphenyl	*74.2*			*52.0-156*		*10/14/2025 19:35*	WG2616588

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	8.41		0.0594	0.100	1	10/09/2025 17:51	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*78.0-120*		*10/09/2025 17:51*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 04:00	WG2616735
Benzene	0.000338	J	0.000320	0.00100	1	10/09/2025 04:00	WG2616735
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 04:00	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 04:00	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 04:00	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 04:00	WG2616735
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 04:00	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 04:00	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 04:00	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 04:00	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 04:00	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 04:00	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 04:00	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 04:00	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 04:00	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 04:00	WG2616735
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 04:00	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 04:00	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 04:00	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 04:00	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 04:00	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 04:00	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 04:00	WG2616735
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 04:00	WG2616735
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 04:00	WG2616735
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 04:00	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 04:00	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 04:00	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 04:00	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 04:00	WG2616735
Methyl tert-butyl ether	9.43		0.0357	0.100	100	10/10/2025 02:16	WG2617097
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 04:00	WG2616735
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 04:00	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 04:00	WG2616735
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	10/09/2025 04:00	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 04:00	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 04:00	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 04:00	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 04:00	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 04:00	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 04:00	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 04:00	WG2616735
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 04:00	WG2616735
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 04:00	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 04:00	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 04:00	WG2616735
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 04:00	WG2616735
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 04:00	WG2616735
(S) Toluene-d8	*95.5*			*80.0-120*		*10/09/2025 04:00*	WG2616735

MW-157
Collected date/time: 10/07/25 11:00
L1905636

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
(S) Toluene-d8	*103*			*80.0-120*		*10/10/2025 02:16*	WG2617097
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*10/09/2025 04:00*	WG2616735
(S) 4-Bromofluorobenzene	*96.1*			*77.0-126*		*10/10/2025 02:16*	WG2617097
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/09/2025 04:00*	WG2616735
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/10/2025 02:16*	WG2617097

Sample Narrative:

L1905636-63 WG2616735: Benzene is a false positive due to carryover from -61.

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.222		0.0605	0.100	1	10/14/2025 19:55	WG2616588
(S) o-Terphenyl	*74.7*			*52.0-156*		*10/14/2025 19:55*	WG2616588

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0662	J	0.0594	0.100	1	10/09/2025 18:13	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*78.0-120*		*10/09/2025 18:13*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 04:20	WG2616735
Benzene	U		0.000320	0.00100	1	10/09/2025 04:20	WG2616735
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 04:20	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 04:20	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 04:20	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 04:20	WG2616735
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 04:20	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 04:20	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 04:20	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 04:20	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 04:20	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 04:20	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 04:20	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 04:20	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 04:20	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 04:20	WG2616735
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 04:20	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 04:20	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 04:20	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 04:20	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 04:20	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 04:20	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 04:20	WG2616735
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 04:20	WG2616735
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 04:20	WG2616735
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 04:20	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 04:20	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 04:20	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 04:20	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 04:20	WG2616735
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 02:39	WG2617097
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 04:20	WG2616735
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 04:20	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 04:20	WG2616735
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	10/09/2025 04:20	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 04:20	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 04:20	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 04:20	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 04:20	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 04:20	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 04:20	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 04:20	WG2616735
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 04:20	WG2616735
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 04:20	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 04:20	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 04:20	WG2616735
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 04:20	WG2616735
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 04:20	WG2616735
(S) Toluene-d8	*92.3*			*80.0-120*		*10/09/2025 04:20*	WG2616735

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
(S) Toluene-d8	*102*			*80.0-120*		*10/10/2025 02:39*	WG2617097
(S) 4-Bromofluorobenzene	*98.5*			*77.0-126*		*10/09/2025 04:20*	WG2616735
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*10/10/2025 02:39*	WG2617097
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/09/2025 04:20*	WG2616735
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/10/2025 02:39*	WG2617097

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000572	0.0000208	1.04	10/13/2025 20:54	WG2619277

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/14/2025 20:15	WG2616588
(S) o-Terphenyl	*54.2*			*52.0-156*		*10/14/2025 20:15*	WG2616588

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.459		0.0594	0.100	1	10/09/2025 18:34	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*78.0-120*		*10/09/2025 18:34*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 04:40	WG2616735
Benzene	U		0.000320	0.00100	1	10/09/2025 04:40	WG2616735
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 04:40	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 04:40	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 04:40	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 04:40	WG2616735
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 04:40	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 04:40	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 04:40	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 04:40	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 04:40	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 04:40	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 04:40	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 04:40	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 04:40	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 04:40	WG2616735
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 04:40	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 04:40	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 04:40	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 04:40	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 04:40	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 04:40	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 04:40	WG2616735
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 04:40	WG2616735
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 04:40	WG2616735
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 04:40	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 04:40	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 04:40	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 04:40	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 04:40	WG2616735
Methyl tert-butyl ether	0.306		0.00714	0.0200	20	10/10/2025 03:02	WG2617097
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 04:40	WG2616735
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 04:40	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 04:40	WG2616735
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	10/09/2025 04:40	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 04:40	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 04:40	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 04:40	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 04:40	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 04:40	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 04:40	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 04:40	WG2616735
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 04:40	WG2616735
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 04:40	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 04:40	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 04:40	WG2616735
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 04:40	WG2616735
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 04:40	WG2616735
(S) Toluene-d8	*93.6*			*80.0-120*		*10/09/2025 04:40*	WG2616735

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
(S) Toluene-d8	*107*			*80.0-120*		*10/10/2025 03:02*	WG2617097
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*10/09/2025 04:40*	WG2616735
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*10/10/2025 03:02*	WG2617097
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/09/2025 04:40*	WG2616735
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*10/10/2025 03:02*	WG2617097

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.379		0.0605	0.100	1	10/14/2025 20:36	WG2616588
(S) o-Terphenyl	*76.8*			*52.0-156*		*10/14/2025 20:36*	WG2616588

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2430		50.0	1	10/09/2025 10:04	WG2616688

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	25.4		5.47	10.0	10	10/14/2025 21:47	WG2620325
Fluoride	1.16	J	0.761	1.50	10	10/09/2025 08:49	WG2616409
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 08:49	WG2616409
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 08:49	WG2616409
Sulfate	1070		63.7	500	100	10/14/2025 21:59	WG2620325

Sample Narrative:

L1905636-66 WG2620325, WG2616409: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00249		0.000120	0.00200	1	11/05/2025 21:19	WG2616678
Barium	0.0166		0.000500	0.00200	1	11/05/2025 21:19	WG2616678
Calcium	264		0.0925	1.00	1	11/05/2025 21:19	WG2616678
Chromium	0.0727		0.000900	0.00200	1	11/05/2025 21:19	WG2616678
Iron	0.152		0.0226	0.100	1	11/05/2025 21:19	WG2616678
Lead	0.000538	J	0.000500	0.00200	1	11/05/2025 21:19	WG2616678
Manganese	0.741		0.000700	0.00500	1	11/05/2025 21:19	WG2616678
Potassium	0.486	J	0.0965	2.00	1	11/05/2025 21:19	WG2616678
Selenium	U		0.000250	0.00200	1	11/05/2025 21:19	WG2616678
Sodium	198		0.142	2.00	1	11/05/2025 21:19	WG2616678

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.297	0.500	5	10/09/2025 20:44	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*99.5*			*78.0-120*		*10/09/2025 20:44*	WG2617194

Sample Narrative:

L1905636-66 WG2617194: Lowest possible dilution due to sample foaming.

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 05:00	WG2616735
Benzene	0.000798	J	0.000320	0.00100	1	10/09/2025 05:00	WG2616735
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 05:00	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 05:00	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 05:00	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 05:00	WG2616735
sec-Butylbenzene	0.00361		0.000355	0.00100	1	10/09/2025 05:00	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 05:00	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 05:00	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 05:00	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 05:00	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 05:00	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 05:00	WG2616735

DUP-TEL-01
Collected date/time: 10/07/25 11:00
L1905636

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.00170	0.00500	1	10/09/2025 05:00	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 05:00	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 05:00	WG2616735
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 05:00	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 05:00	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 05:00	WG2616735
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 05:00	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 05:00	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 05:00	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 05:00	WG2616735
Ethylbenzene	0.000873	J	0.000234	0.00100	1	10/09/2025 05:00	WG2616735
Isopropylbenzene	0.00670		0.000105	0.00100	1	10/09/2025 05:00	WG2616735
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 05:00	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 05:00	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 05:00	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 05:00	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 05:00	WG2616735
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 03:25	WG2617097
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 05:00	WG2616735
n-Propylbenzene	0.00154		0.000239	0.00100	1	10/09/2025 05:00	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 05:00	WG2616735
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	10/09/2025 05:00	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 05:00	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 05:00	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 05:00	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 05:00	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 05:00	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 05:00	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 05:00	WG2616735
1,2,4-Trimethylbenzene	0.000335	J	0.000274	0.00200	1	10/09/2025 05:00	WG2616735
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 05:00	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 05:00	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 05:00	WG2616735
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 05:00	WG2616735
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 05:00	WG2616735
(S) Toluene-d8	*91.7*			*80.0-120*		*10/09/2025 05:00*	WG2616735
(S) Toluene-d8	*96.7*			*80.0-120*		*10/10/2025 03:25*	WG2617097
(S) 4-Bromofluorobenzene	*99.9*			*77.0-126*		*10/09/2025 05:00*	WG2616735
(S) 4-Bromofluorobenzene	*81.0*			*77.0-126*		*10/10/2025 03:25*	WG2617097
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/09/2025 05:00*	WG2616735
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*10/10/2025 03:25*	WG2617097

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.80		0.0605	0.100	1	10/14/2025 20:56	WG2616588
(S) o-Terphenyl	*66.8*			*52.0-156*		*10/14/2025 20:56*	WG2616588

EB-TEL-01
Collected date/time: 10/07/25 12:50
L1905636

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	10/13/2025 19:24	WG2619527

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	10/08/2025 22:59	WG2616465
Fluoride	U		0.0761	0.150	1	10/08/2025 22:59	WG2616465
Nitrate as (N)	U		0.0884	0.100	1	10/08/2025 22:59	WG2616465
Nitrite as (N)	U		0.0794	0.100	1	10/08/2025 22:59	WG2616465
Sulfate	U		0.637	5.00	1	10/08/2025 22:59	WG2616465

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	11/05/2025 21:22	WG2616678
Barium	0.00540		0.000500	0.00200	1	11/05/2025 21:22	WG2616678
Calcium	0.147	J	0.0925	1.00	1	11/05/2025 21:22	WG2616678
Chromium	U		0.000900	0.00200	1	11/05/2025 21:22	WG2616678
Iron	U		0.0226	0.100	1	11/05/2025 21:22	WG2616678
Lead	0.00230		0.000500	0.00200	1	11/05/2025 21:22	WG2616678
Manganese	0.000816	J	0.000700	0.00500	1	11/05/2025 21:22	WG2616678
Potassium	U		0.0965	2.00	1	11/05/2025 21:22	WG2616678
Selenium	U		0.000250	0.00200	1	11/05/2025 21:22	WG2616678
Sodium	0.379	J	0.142	2.00	1	11/05/2025 21:22	WG2616678

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/09/2025 14:16	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*78.0-120*		*10/09/2025 14:16*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/09/2025 00:59	WG2616735
Benzene	U		0.000320	0.00100	1	10/09/2025 00:59	WG2616735
Bromodichloromethane	U		0.000371	0.00100	1	10/09/2025 00:59	WG2616735
Bromoform	U	C3	0.000548	0.00100	1	10/09/2025 00:59	WG2616735
Bromomethane	U	C3	0.00485	0.00500	1	10/09/2025 00:59	WG2616735
n-Butylbenzene	U		0.000516	0.00100	1	10/09/2025 00:59	WG2616735
sec-Butylbenzene	U		0.000355	0.00100	1	10/09/2025 00:59	WG2616735
Carbon disulfide	U		0.000510	0.00100	1	10/09/2025 00:59	WG2616735
Carbon tetrachloride	U		0.000360	0.00100	1	10/09/2025 00:59	WG2616735
Chlorobenzene	U		0.000266	0.00100	1	10/09/2025 00:59	WG2616735
Chlorodibromomethane	U		0.000398	0.00100	1	10/09/2025 00:59	WG2616735
Chloroethane	U		0.00279	0.00500	1	10/09/2025 00:59	WG2616735
Chloroform	U		0.00128	0.00500	1	10/09/2025 00:59	WG2616735
Chloromethane	U		0.00170	0.00500	1	10/09/2025 00:59	WG2616735
1,2-Dibromoethane	U		0.000341	0.00100	1	10/09/2025 00:59	WG2616735
1,1-Dichloroethane	U		0.000389	0.00100	1	10/09/2025 00:59	WG2616735
1,2-Dichloroethane	U		0.000395	0.00100	1	10/09/2025 00:59	WG2616735
1,1-Dichloroethene	U		0.000422	0.00100	1	10/09/2025 00:59	WG2616735
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/09/2025 00:59	WG2616735

EB-TEL-01
Collected date/time: 10/07/25 12:50
L1905636

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/09/2025 00:59	WG2616735
1,2-Dichloropropane	U		0.000427	0.00100	1	10/09/2025 00:59	WG2616735
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/09/2025 00:59	WG2616735
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/09/2025 00:59	WG2616735
Ethylbenzene	U		0.000234	0.00100	1	10/09/2025 00:59	WG2616735
Isopropylbenzene	U		0.000105	0.00100	1	10/09/2025 00:59	WG2616735
p-Isopropyltoluene	U		0.000345	0.00100	1	10/09/2025 00:59	WG2616735
2-Butanone (MEK)	U		0.00900	0.0200	1	10/09/2025 00:59	WG2616735
2-Hexanone	U		0.00580	0.0200	1	10/09/2025 00:59	WG2616735
Methylene Chloride	U		0.00148	0.00500	1	10/09/2025 00:59	WG2616735
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/09/2025 00:59	WG2616735
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/09/2025 00:59	WG2616735
Naphthalene	U	C3	0.00264	0.00500	1	10/09/2025 00:59	WG2616735
n-Propylbenzene	U		0.000239	0.00100	1	10/09/2025 00:59	WG2616735
Styrene	U		0.000342	0.00100	1	10/09/2025 00:59	WG2616735
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	10/09/2025 00:59	WG2616735
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/09/2025 00:59	WG2616735
1,1,2,2-Tetrachloroethane	U	C3	0.000354	0.00100	1	10/09/2025 00:59	WG2616735
Tetrachloroethene	U		0.000358	0.00100	1	10/09/2025 00:59	WG2616735
Toluene	U		0.000274	0.00100	1	10/09/2025 00:59	WG2616735
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/09/2025 00:59	WG2616735
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/09/2025 00:59	WG2616735
Trichloroethene	U		0.000383	0.00100	1	10/09/2025 00:59	WG2616735
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/09/2025 00:59	WG2616735
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/09/2025 00:59	WG2616735
Vinyl chloride	U		0.000458	0.00100	1	10/09/2025 00:59	WG2616735
o-Xylene	U		0.000319	0.00100	1	10/09/2025 00:59	WG2616735
m&p-Xylene	U		0.000549	0.00200	1	10/09/2025 00:59	WG2616735
Xylenes, Total	U		0.000319	0.00300	1	10/09/2025 00:59	WG2616735
(S) Toluene-d8	*92.7*			*80.0-120*		*10/09/2025 00:59*	WG2616735
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*		*10/09/2025 00:59*	WG2616735
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/09/2025 00:59*	WG2616735

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.120		0.0605	0.100	1	10/14/2025 21:16	WG2616588
(S) o-Terphenyl	*58.9*			*52.0-156*		*10/14/2025 21:16*	WG2616588

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0469	0.0500	1	10/10/2025 08:08	WG2617425
Benzene	U		0.000320	0.00100	1	10/10/2025 08:08	WG2617425
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 08:08	WG2617425
Bromoform	U	C3	0.000548	0.00100	1	10/10/2025 08:08	WG2617425
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 08:08	WG2617425
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 08:08	WG2617425
sec-Butylbenzene	U		0.000355	0.00100	1	10/10/2025 08:08	WG2617425
Carbon disulfide	U		0.000510	0.00100	1	10/10/2025 08:08	WG2617425
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 08:08	WG2617425
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 08:08	WG2617425
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 08:08	WG2617425
Chloroethane	U		0.00279	0.00500	1	10/10/2025 08:08	WG2617425
Chloroform	U		0.00128	0.00500	1	10/10/2025 08:08	WG2617425
Chloromethane	U		0.00170	0.00500	1	10/10/2025 08:08	WG2617425
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 08:08	WG2617425
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 08:08	WG2617425
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 08:08	WG2617425
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 08:08	WG2617425
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 08:08	WG2617425
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 08:08	WG2617425
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 08:08	WG2617425
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 08:08	WG2617425
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 08:08	WG2617425
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 08:08	WG2617425
Isopropylbenzene	U		0.000105	0.00100	1	10/10/2025 08:08	WG2617425
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 08:08	WG2617425
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 08:08	WG2617425
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 08:08	WG2617425
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 08:08	WG2617425
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 08:08	WG2617425
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 08:08	WG2617425
Naphthalene	U		0.00264	0.00500	1	10/10/2025 08:08	WG2617425
n-Propylbenzene	U		0.000239	0.00100	1	10/10/2025 08:08	WG2617425
Styrene	U		0.000342	0.00100	1	10/10/2025 08:08	WG2617425
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 08:08	WG2617425
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 08:08	WG2617425
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 08:08	WG2617425
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 08:08	WG2617425
Toluene	U		0.000274	0.00100	1	10/10/2025 08:08	WG2617425
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 08:08	WG2617425
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 08:08	WG2617425
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 08:08	WG2617425
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 08:08	WG2617425
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 08:08	WG2617425
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 08:08	WG2617425
o-Xylene	U		0.000319	0.00100	1	10/10/2025 08:08	WG2617425
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 08:08	WG2617425
Xylenes, Total	U		0.000319	0.00300	1	10/10/2025 08:08	WG2617425
(S) Toluene-d8	*109*			*80.0-120*		*10/10/2025 08:08*	WG2617425
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*10/10/2025 08:08*	WG2617425
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/10/2025 08:08*	WG2617425

Received by OCD: 6/15/2026 7:23:14 PM

TRIP BLANK-TEE-01

SAMPLE RESULTS - 69

Collected date/time: 10/07/25 00:00

L1905636

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0469	0.0500	1	10/10/2025 08:29	WG2617425
Benzene	U		0.000320	0.00100	1	10/10/2025 08:29	WG2617425
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 08:29	WG2617425
Bromoform	U	C3	0.000548	0.00100	1	10/10/2025 08:29	WG2617425
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 08:29	WG2617425
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 08:29	WG2617425
sec-Butylbenzene	U		0.000355	0.00100	1	10/10/2025 08:29	WG2617425
Carbon disulfide	U		0.000510	0.00100	1	10/10/2025 08:29	WG2617425
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 08:29	WG2617425
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 08:29	WG2617425
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 08:29	WG2617425
Chloroethane	U		0.00279	0.00500	1	10/10/2025 08:29	WG2617425
Chloroform	U		0.00128	0.00500	1	10/10/2025 08:29	WG2617425
Chloromethane	U		0.00170	0.00500	1	10/10/2025 08:29	WG2617425
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 08:29	WG2617425
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 08:29	WG2617425
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 08:29	WG2617425
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 08:29	WG2617425
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 08:29	WG2617425
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 08:29	WG2617425
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 08:29	WG2617425
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 08:29	WG2617425
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 08:29	WG2617425
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 08:29	WG2617425
Isopropylbenzene	U		0.000105	0.00100	1	10/10/2025 08:29	WG2617425
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 08:29	WG2617425
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 08:29	WG2617425
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 08:29	WG2617425
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 08:29	WG2617425
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 08:29	WG2617425
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 08:29	WG2617425
Naphthalene	U		0.00264	0.00500	1	10/10/2025 08:29	WG2617425
n-Propylbenzene	U		0.000239	0.00100	1	10/10/2025 08:29	WG2617425
Styrene	U		0.000342	0.00100	1	10/10/2025 08:29	WG2617425
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 08:29	WG2617425
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 08:29	WG2617425
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 08:29	WG2617425
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 08:29	WG2617425
Toluene	U		0.000274	0.00100	1	10/10/2025 08:29	WG2617425
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 08:29	WG2617425
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 08:29	WG2617425
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 08:29	WG2617425
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 08:29	WG2617425
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 08:29	WG2617425
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 08:29	WG2617425
o-Xylene	U		0.000319	0.00100	1	10/10/2025 08:29	WG2617425
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 08:29	WG2617425
Xylenes, Total	U		0.000319	0.00300	1	10/10/2025 08:29	WG2617425
(S) Toluene-d8	*108*			*80.0-120*		*10/10/2025 08:29*	WG2617425
(S) 4-Bromofluorobenzene	*93.4*			*77.0-126*		*10/10/2025 08:29*	WG2617425
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/10/2025 08:29*	WG2617425

Released to Imaging: 6/26/2026 3:07:01 PM

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2960		50.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	78.2		5.47	10.0	10	10/08/2025 23:45	WG2616465
Fluoride	U		0.761	1.50	10	10/08/2025 23:45	WG2616465
Nitrate as (N)	U		8.84	10.0	100	10/09/2025 02:35	WG2616465
Nitrite as (N)	U		0.794	1.00	10	10/08/2025 23:45	WG2616465
Sulfate	1480		63.7	500	100	10/09/2025 02:35	WG2616465

Sample Narrative:

L1905636-70 WG2616465: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00511		0.000120	0.00200	1	11/06/2025 00:26	WG2616678
Barium	0.0253		0.000500	0.00200	1	11/06/2025 00:26	WG2616678
Calcium	331		0.0925	1.00	1	11/06/2025 00:26	WG2616678
Chromium	U		0.000900	0.00200	1	11/06/2025 00:26	WG2616678
Iron	0.106		0.0226	0.100	1	11/06/2025 00:26	WG2616678
Lead	U		0.000500	0.00200	1	11/06/2025 00:26	WG2616678
Manganese	1.12		0.000700	0.00500	1	11/06/2025 00:26	WG2616678
Potassium	0.419	J	0.0965	2.00	1	11/06/2025 00:26	WG2616678
Selenium	U		0.000250	0.00200	1	11/06/2025 00:26	WG2616678
Sodium	229		0.142	2.00	1	11/06/2025 00:26	WG2616678

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.276		0.0594	0.100	1	10/09/2025 18:56	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*78.0-120*		*10/09/2025 18:56*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/10/2025 09:50	WG2617425
Benzene	U		0.000320	0.00100	1	10/10/2025 09:50	WG2617425
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 09:50	WG2617425
Bromoform	U	C3	0.000548	0.00100	1	10/10/2025 09:50	WG2617425
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 09:50	WG2617425
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 09:50	WG2617425
sec-Butylbenzene	0.00187		0.000355	0.00100	1	10/10/2025 09:50	WG2617425
Carbon disulfide	0.000623	J	0.000510	0.00100	1	10/10/2025 09:50	WG2617425
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 09:50	WG2617425
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 09:50	WG2617425
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 09:50	WG2617425
Chloroethane	U		0.00279	0.00500	1	10/10/2025 09:50	WG2617425
Chloroform	U		0.00128	0.00500	1	10/10/2025 09:50	WG2617425
Chloromethane	U		0.00170	0.00500	1	10/10/2025 09:50	WG2617425
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 09:50	WG2617425
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 09:50	WG2617425

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 09:50	WG2617425
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 09:50	WG2617425
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 09:50	WG2617425
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 09:50	WG2617425
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 09:50	WG2617425
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 09:50	WG2617425
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 09:50	WG2617425
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 09:50	WG2617425
Isopropylbenzene	0.00324		0.000105	0.00100	1	10/10/2025 09:50	WG2617425
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 09:50	WG2617425
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 09:50	WG2617425
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 09:50	WG2617425
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 09:50	WG2617425
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 09:50	WG2617425
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 09:50	WG2617425
Naphthalene	U		0.00264	0.00500	1	10/10/2025 09:50	WG2617425
n-Propylbenzene	U		0.000239	0.00100	1	10/10/2025 09:50	WG2617425
Styrene	U		0.000342	0.00100	1	10/10/2025 09:50	WG2617425
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 09:50	WG2617425
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 09:50	WG2617425
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 09:50	WG2617425
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 09:50	WG2617425
Toluene	U		0.000274	0.00100	1	10/10/2025 09:50	WG2617425
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 09:50	WG2617425
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 09:50	WG2617425
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 09:50	WG2617425
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 09:50	WG2617425
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 09:50	WG2617425
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 09:50	WG2617425
o-Xylene	U		0.000319	0.00100	1	10/10/2025 09:50	WG2617425
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 09:50	WG2617425
Xylenes, Total	U		0.000319	0.00300	1	10/10/2025 09:50	WG2617425
(S) Toluene-d8	*98.0*			*80.0-120*		*10/10/2025 09:50*	WG2617425
(S) 4-Bromofluorobenzene	*88.1*			*77.0-126*		*10/10/2025 09:50*	WG2617425
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*10/10/2025 09:50*	WG2617425

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.24		0.0605	0.100	1	10/14/2025 21:37	WG2616588
(S) o-Terphenyl	*61.6*			*52.0-156*		*10/14/2025 21:37*	WG2616588

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4810		100	1	10/09/2025 10:04	WG2616688

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	64.2		5.47	10.0	10	10/08/2025 23:56	WG2616465
Fluoride	4.40		0.761	1.50	10	10/08/2025 23:56	WG2616465
Nitrate as (N)	30.8		0.884	1.00	10	10/08/2025 23:56	WG2616465
Nitrite as (N)	U		0.794	1.00	10	10/08/2025 23:56	WG2616465
Sulfate	2680		63.7	500	100	10/09/2025 02:46	WG2616465

Sample Narrative:

L1905636-71 WG2616465: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00266		0.000120	0.00200	1	11/06/2025 00:30	WG2616678
Barium	0.0135		0.000500	0.00200	1	11/06/2025 00:30	WG2616678
Calcium	489		0.0925	1.00	1	11/06/2025 00:30	WG2616678
Chromium	U		0.000900	0.00200	1	11/06/2025 00:30	WG2616678
Iron	0.150		0.0226	0.100	1	11/06/2025 00:30	WG2616678
Lead	U		0.000500	0.00200	1	11/06/2025 00:30	WG2616678
Manganese	0.180		0.000700	0.00500	1	11/06/2025 00:30	WG2616678
Potassium	6.20		0.0965	2.00	1	11/06/2025 00:30	WG2616678
Selenium	0.0388		0.000250	0.00200	1	11/06/2025 00:30	WG2616678
Sodium	268		0.142	2.00	1	11/06/2025 00:30	WG2616678

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/10/2025 10:10	WG2617425
Benzene	U		0.000320	0.00100	1	10/10/2025 10:10	WG2617425
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 10:10	WG2617425
Bromoform	U	C3	0.000548	0.00100	1	10/10/2025 10:10	WG2617425
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 10:10	WG2617425
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 10:10	WG2617425
sec-Butylbenzene	U		0.000355	0.00100	1	10/10/2025 10:10	WG2617425
Carbon disulfide	U		0.000510	0.00100	1	10/10/2025 10:10	WG2617425
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 10:10	WG2617425
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 10:10	WG2617425
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 10:10	WG2617425
Chloroethane	U		0.00279	0.00500	1	10/10/2025 10:10	WG2617425
Chloroform	U		0.00128	0.00500	1	10/10/2025 10:10	WG2617425
Chloromethane	U		0.00170	0.00500	1	10/10/2025 10:10	WG2617425
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 10:10	WG2617425
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 10:10	WG2617425
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 10:10	WG2617425
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 10:10	WG2617425
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 10:10	WG2617425
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 10:10	WG2617425
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 10:10	WG2617425
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 10:10	WG2617425
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 10:10	WG2617425

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 10:10	WG2617425
Isopropylbenzene	U		0.000105	0.00100	1	10/10/2025 10:10	WG2617425
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 10:10	WG2617425
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 10:10	WG2617425
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 10:10	WG2617425
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 10:10	WG2617425
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 10:10	WG2617425
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 10:10	WG2617425
Naphthalene	U		0.00264	0.00500	1	10/10/2025 10:10	WG2617425
n-Propylbenzene	U		0.000239	0.00100	1	10/10/2025 10:10	WG2617425
Styrene	U		0.000342	0.00100	1	10/10/2025 10:10	WG2617425
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 10:10	WG2617425
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 10:10	WG2617425
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 10:10	WG2617425
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 10:10	WG2617425
Toluene	U		0.000274	0.00100	1	10/10/2025 10:10	WG2617425
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 10:10	WG2617425
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 10:10	WG2617425
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 10:10	WG2617425
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 10:10	WG2617425
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 10:10	WG2617425
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 10:10	WG2617425
o-Xylene	U		0.000319	0.00100	1	10/10/2025 10:10	WG2617425
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 10:10	WG2617425
Xylenes, Total	U		0.000319	0.00300	1	10/10/2025 10:10	WG2617425
(S) Toluene-d8	*109*			*80.0-120*		*10/10/2025 10:10*	WG2617425
(S) 4-Bromofluorobenzene	*95.9*			*77.0-126*		*10/10/2025 10:10*	WG2617425
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/10/2025 10:10*	WG2617425

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.202		0.0605	0.100	1	10/19/2025 20:23	WG2620581
(S) o-Terphenyl	*138*			*52.0-156*		*10/19/2025 20:23*	WG2620581

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	3180		50.0	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	168		5.47	10.0	10	10/09/2025 00:07	WG2616465
Fluoride	2.17		0.761	1.50	10	10/09/2025 00:07	WG2616465
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 00:07	WG2616465
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 00:07	WG2616465
Sulfate	1600		63.7	500	100	10/09/2025 02:58	WG2616465

Sample Narrative:

L1905636-72 WG2616465: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00589		0.000120	0.00200	1	11/06/2025 00:33	WG2616678
Barium	0.0188		0.000500	0.00200	1	11/06/2025 00:33	WG2616678
Calcium	360		0.0925	1.00	1	11/06/2025 00:33	WG2616678
Chromium	U		0.000900	0.00200	1	11/06/2025 00:33	WG2616678
Iron	0.216		0.0226	0.100	1	11/06/2025 00:33	WG2616678
Lead	U		0.000500	0.00200	1	11/06/2025 00:33	WG2616678
Manganese	0.321		0.000700	0.00500	1	11/06/2025 00:33	WG2616678
Potassium	1.44	J	0.0965	2.00	1	11/06/2025 00:33	WG2616678
Selenium	0.00143	J	0.000250	0.00200	1	11/06/2025 00:33	WG2616678
Sodium	164		0.142	2.00	1	11/06/2025 00:33	WG2616678

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	0.419		0.0594	0.100	1	10/09/2025 19:17	WG2617194
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*78.0-120*		*10/09/2025 19:17*	WG2617194

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0469	0.0500	1	10/10/2025 10:31	WG2617425
Benzene	0.00308		0.000320	0.00100	1	10/10/2025 10:31	WG2617425
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 10:31	WG2617425
Bromoform	U	C3	0.000548	0.00100	1	10/10/2025 10:31	WG2617425
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 10:31	WG2617425
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 10:31	WG2617425
sec-Butylbenzene	0.00912		0.000355	0.00100	1	10/10/2025 10:31	WG2617425
Carbon disulfide	0.00167		0.000510	0.00100	1	10/10/2025 10:31	WG2617425
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 10:31	WG2617425
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 10:31	WG2617425
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 10:31	WG2617425
Chloroethane	U		0.00279	0.00500	1	10/10/2025 10:31	WG2617425
Chloroform	U		0.00128	0.00500	1	10/10/2025 10:31	WG2617425
Chloromethane	U		0.00170	0.00500	1	10/10/2025 10:31	WG2617425
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 10:31	WG2617425
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 10:31	WG2617425

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 10:31	WG2617425
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 10:31	WG2617425
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 10:31	WG2617425
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 10:31	WG2617425
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 10:31	WG2617425
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 10:31	WG2617425
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 10:31	WG2617425
Ethylbenzene	0.000453	J	0.000234	0.00100	1	10/10/2025 10:31	WG2617425
Isopropylbenzene	0.0468		0.000105	0.00100	1	10/10/2025 10:31	WG2617425
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 10:31	WG2617425
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 10:31	WG2617425
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 10:31	WG2617425
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 10:31	WG2617425
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 10:31	WG2617425
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 10:31	WG2617425
Naphthalene	U		0.00264	0.00500	1	10/10/2025 10:31	WG2617425
n-Propylbenzene	0.00721		0.000239	0.00100	1	10/10/2025 10:31	WG2617425
Styrene	U		0.000342	0.00100	1	10/10/2025 10:31	WG2617425
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 10:31	WG2617425
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 10:31	WG2617425
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 10:31	WG2617425
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 10:31	WG2617425
Toluene	0.000529	J	0.000274	0.00100	1	10/10/2025 10:31	WG2617425
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 10:31	WG2617425
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 10:31	WG2617425
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 10:31	WG2617425
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 10:31	WG2617425
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 10:31	WG2617425
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 10:31	WG2617425
o-Xylene	0.000346	J	0.000319	0.00100	1	10/10/2025 10:31	WG2617425
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 10:31	WG2617425
Xylenes, Total	0.000346	J	0.000319	0.00300	1	10/10/2025 10:31	WG2617425
(S) Toluene-d8	*106*			*80.0-120*		*10/10/2025 10:31*	WG2617425
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*		*10/10/2025 10:31*	WG2617425
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/10/2025 10:31*	WG2617425

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.61		0.0605	0.100	1	10/14/2025 22:17	WG2616588
(S) o-Terphenyl	*87.4*			*52.0-156*		*10/14/2025 22:17*	WG2616588

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1500		20.0	1	10/09/2025 08:34	WG2616690

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	24.9		2.74	5.00	5	10/09/2025 00:19	WG2616465
Fluoride	1.45		0.380	0.750	5	10/09/2025 00:19	WG2616465
Nitrate as (N)	U		4.42	5.00	50	10/09/2025 03:09	WG2616465
Nitrite as (N)	U		0.397	0.500	5	10/09/2025 00:19	WG2616465
Sulfate	549		31.8	250	50	10/09/2025 03:09	WG2616465

Sample Narrative:

L1905636-73 WG2616465: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000656	J	0.000120	0.00200	1	11/06/2025 00:36	WG2616678
Barium	0.0442		0.000500	0.00200	1	11/06/2025 00:36	WG2616678
Calcium	219		0.0925	1.00	1	11/06/2025 00:36	WG2616678
Chromium	0.00151	J	0.000900	0.00200	1	11/06/2025 00:36	WG2616678
Iron	0.197		0.0226	0.100	1	11/06/2025 00:36	WG2616678
Lead	0.000501	J	0.000500	0.00200	1	11/06/2025 00:36	WG2616678
Manganese	0.0739		0.000700	0.00500	1	11/06/2025 00:36	WG2616678
Potassium	0.377	J	0.0965	2.00	1	11/06/2025 00:36	WG2616678
Selenium	U		0.000250	0.00200	1	11/06/2025 00:36	WG2616678
Sodium	34.4		0.142	2.00	1	11/06/2025 00:36	WG2616678

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/10/2025 10:51	WG2617425
Benzene	0.0109		0.000320	0.00100	1	10/10/2025 10:51	WG2617425
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 10:51	WG2617425
Bromoform	U	C3	0.000548	0.00100	1	10/10/2025 10:51	WG2617425
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 10:51	WG2617425
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 10:51	WG2617425
sec-Butylbenzene	0.00186		0.000355	0.00100	1	10/10/2025 10:51	WG2617425
Carbon disulfide	0.00121		0.000510	0.00100	1	10/10/2025 10:51	WG2617425
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 10:51	WG2617425
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 10:51	WG2617425
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 10:51	WG2617425
Chloroethane	U		0.00279	0.00500	1	10/10/2025 10:51	WG2617425
Chloroform	U		0.00128	0.00500	1	10/10/2025 10:51	WG2617425
Chloromethane	U		0.00170	0.00500	1	10/10/2025 10:51	WG2617425
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 10:51	WG2617425
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 10:51	WG2617425
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 10:51	WG2617425
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 10:51	WG2617425
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 10:51	WG2617425
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 10:51	WG2617425
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 10:51	WG2617425
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 10:51	WG2617425
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 10:51	WG2617425

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 10:51	WG2617425
Isopropylbenzene	0.0131		0.000105	0.00100	1	10/10/2025 10:51	WG2617425
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 10:51	WG2617425
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 10:51	WG2617425
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 10:51	WG2617425
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 10:51	WG2617425
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 10:51	WG2617425
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 10:51	WG2617425
Naphthalene	U		0.00264	0.00500	1	10/10/2025 10:51	WG2617425
n-Propylbenzene	0.000897	J	0.000239	0.00100	1	10/10/2025 10:51	WG2617425
Styrene	U		0.000342	0.00100	1	10/10/2025 10:51	WG2617425
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 10:51	WG2617425
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 10:51	WG2617425
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 10:51	WG2617425
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 10:51	WG2617425
Toluene	U		0.000274	0.00100	1	10/10/2025 10:51	WG2617425
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 10:51	WG2617425
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 10:51	WG2617425
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 10:51	WG2617425
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 10:51	WG2617425
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 10:51	WG2617425
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 10:51	WG2617425
o-Xylene	U		0.000319	0.00100	1	10/10/2025 10:51	WG2617425
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 10:51	WG2617425
Xylenes, Total	U		0.000319	0.00300	1	10/10/2025 10:51	WG2617425
(S) Toluene-d8	*107*			*80.0-120*		*10/10/2025 10:51*	WG2617425
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*10/10/2025 10:51*	WG2617425
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/10/2025 10:51*	WG2617425

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.91		0.0605	0.100	1	10/14/2025 22:37	WG2616588
(S) o-Terphenyl	*54.7*			*52.0-156*		*10/14/2025 22:37*	WG2616588

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1270		20.0	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	52.4		2.74	5.00	5	10/09/2025 00:30	WG2616465
Fluoride	1.43		0.380	0.750	5	10/09/2025 00:30	WG2616465
Nitrate as (N)	U		0.442	0.500	5	10/09/2025 00:30	WG2616465
Nitrite as (N)	U		0.397	0.500	5	10/09/2025 00:30	WG2616465
Sulfate	571		31.8	250	50	10/09/2025 03:20	WG2616465

Sample Narrative:

L1905636-74 WG2616465: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0100		0.000120	0.00200	1	11/06/2025 00:39	WG2616678
Barium	0.0166		0.000500	0.00200	1	11/06/2025 00:39	WG2616678
Calcium	168		0.0925	1.00	1	11/06/2025 00:39	WG2616678
Chromium	U		0.000900	0.00200	1	11/06/2025 00:39	WG2616678
Iron	0.522		0.0226	0.100	1	11/06/2025 00:39	WG2616678
Lead	U		0.000500	0.00200	1	11/06/2025 00:39	WG2616678
Manganese	1.40		0.000700	0.00500	1	11/06/2025 00:39	WG2616678
Potassium	0.214	J	0.0965	2.00	1	11/06/2025 00:39	WG2616678
Selenium	U		0.000250	0.00200	1	11/06/2025 00:39	WG2616678
Sodium	28.6		0.142	2.00	1	11/06/2025 00:39	WG2616678

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/10/2025 11:11	WG2617425
Benzene	U		0.000320	0.00100	1	10/10/2025 11:11	WG2617425
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 11:11	WG2617425
Bromoform	U	C3	0.000548	0.00100	1	10/10/2025 11:11	WG2617425
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 11:11	WG2617425
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 11:11	WG2617425
sec-Butylbenzene	U		0.000355	0.00100	1	10/10/2025 11:11	WG2617425
Carbon disulfide	U		0.000510	0.00100	1	10/10/2025 11:11	WG2617425
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 11:11	WG2617425
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 11:11	WG2617425
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 11:11	WG2617425
Chloroethane	U		0.00279	0.00500	1	10/10/2025 11:11	WG2617425
Chloroform	U		0.00128	0.00500	1	10/10/2025 11:11	WG2617425
Chloromethane	U		0.00170	0.00500	1	10/10/2025 11:11	WG2617425
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 11:11	WG2617425
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 11:11	WG2617425
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 11:11	WG2617425
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 11:11	WG2617425
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 11:11	WG2617425
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 11:11	WG2617425
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 11:11	WG2617425
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 11:11	WG2617425
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 11:11	WG2617425

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 11:11	WG2617425
Isopropylbenzene	U		0.000105	0.00100	1	10/10/2025 11:11	WG2617425
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 11:11	WG2617425
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 11:11	WG2617425
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 11:11	WG2617425
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 11:11	WG2617425
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 11:11	WG2617425
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 11:11	WG2617425
Naphthalene	U		0.00264	0.00500	1	10/10/2025 11:11	WG2617425
n-Propylbenzene	U		0.000239	0.00100	1	10/10/2025 11:11	WG2617425
Styrene	U		0.000342	0.00100	1	10/10/2025 11:11	WG2617425
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 11:11	WG2617425
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 11:11	WG2617425
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 11:11	WG2617425
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 11:11	WG2617425
Toluene	U		0.000274	0.00100	1	10/10/2025 11:11	WG2617425
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 11:11	WG2617425
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 11:11	WG2617425
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 11:11	WG2617425
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 11:11	WG2617425
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 11:11	WG2617425
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 11:11	WG2617425
o-Xylene	U		0.000319	0.00100	1	10/10/2025 11:11	WG2617425
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 11:11	WG2617425
Xylenes, Total	U		0.000319	0.00300	1	10/10/2025 11:11	WG2617425
(S) Toluene-d8	*107*			*80.0-120*		*10/10/2025 11:11*	WG2617425
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*10/10/2025 11:11*	WG2617425
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/10/2025 11:11*	WG2617425

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.548		0.0605	0.100	1	10/14/2025 22:58	WG2616588
(S) o-Terphenyl	*75.8*			*52.0-156*		*10/14/2025 22:58*	WG2616588

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2790		50.0	1	10/10/2025 10:11	WG2617307

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	180		5.47	10.0	10	10/09/2025 00:41	WG2616465
Fluoride	1.13	J	0.761	1.50	10	10/09/2025 00:41	WG2616465
Nitrate as (N)	U		0.884	1.00	10	10/09/2025 00:41	WG2616465
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 00:41	WG2616465
Sulfate	1250		63.7	500	100	10/09/2025 03:32	WG2616465

Sample Narrative:

L1905636-75 WG2616465: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00459		0.000120	0.00200	1	11/06/2025 00:42	WG2616678
Barium	0.0180		0.000500	0.00200	1	11/06/2025 00:42	WG2616678
Calcium	463		0.0925	1.00	1	11/06/2025 00:42	WG2616678
Chromium	U		0.000900	0.00200	1	11/06/2025 00:42	WG2616678
Iron	U		0.0226	0.100	1	11/06/2025 00:42	WG2616678
Lead	U		0.000500	0.00200	1	11/06/2025 00:42	WG2616678
Manganese	1.10		0.000700	0.00500	1	11/06/2025 00:42	WG2616678
Potassium	0.333	J	0.0965	2.00	1	11/06/2025 00:42	WG2616678
Selenium	0.00117	J	0.000250	0.00200	1	11/06/2025 00:42	WG2616678
Sodium	98.1		0.142	2.00	1	11/06/2025 00:42	WG2616678

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/10/2025 16:14	WG2617548
Benzene	U		0.000320	0.00100	1	10/10/2025 16:14	WG2617548
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 16:14	WG2617548
Bromoform	U		0.000548	0.00100	1	10/10/2025 16:14	WG2617548
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 16:14	WG2617548
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 16:14	WG2617548
sec-Butylbenzene	U		0.000355	0.00100	1	10/10/2025 16:14	WG2617548
Carbon disulfide	U		0.000510	0.00100	1	10/10/2025 16:14	WG2617548
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 16:14	WG2617548
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 16:14	WG2617548
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 16:14	WG2617548
Chloroethane	U		0.00279	0.00500	1	10/10/2025 16:14	WG2617548
Chloroform	U		0.00128	0.00500	1	10/10/2025 16:14	WG2617548
Chloromethane	U		0.00170	0.00500	1	10/10/2025 16:14	WG2617548
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 16:14	WG2617548
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 16:14	WG2617548
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 16:14	WG2617548
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 16:14	WG2617548
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 16:14	WG2617548
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 16:14	WG2617548
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 16:14	WG2617548
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 16:14	WG2617548
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 16:14	WG2617548

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 16:14	WG2617548
Isopropylbenzene	U		0.000105	0.00100	1	10/10/2025 16:14	WG2617548
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 16:14	WG2617548
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 16:14	WG2617548
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 16:14	WG2617548
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 16:14	WG2617548
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 16:14	WG2617548
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 16:14	WG2617548
Naphthalene	U		0.00264	0.00500	1	10/10/2025 16:14	WG2617548
n-Propylbenzene	U		0.000239	0.00100	1	10/10/2025 16:14	WG2617548
Styrene	U		0.000342	0.00100	1	10/10/2025 16:14	WG2617548
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 16:14	WG2617548
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 16:14	WG2617548
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 16:14	WG2617548
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 16:14	WG2617548
Toluene	U		0.000274	0.00100	1	10/10/2025 16:14	WG2617548
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 16:14	WG2617548
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 16:14	WG2617548
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 16:14	WG2617548
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 16:14	WG2617548
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 16:14	WG2617548
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 16:14	WG2617548
o-Xylene	U		0.000319	0.00100	1	10/10/2025 16:14	WG2617548
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 16:14	WG2617548
Xylenes, Total	U		0.000319	0.00300	1	10/10/2025 16:14	WG2617548
(S) Toluene-d8	*102*			*80.0-120*		*10/10/2025 16:14*	WG2617548
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*10/10/2025 16:14*	WG2617548
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/10/2025 16:14*	WG2617548

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.36		0.0605	0.100	1	10/14/2025 23:18	WG2616588
(S) o-Terphenyl	*44.5*	J2		*52.0-156*		*10/14/2025 23:18*	WG2616588

Sample Narrative:

L1905636-75 WG2616588: Surrogate failure due to matrix interference

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3140		50.0	1	10/10/2025 10:11	WG2617307

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	133		5.47	10.0	10	10/09/2025 00:53	WG2616465
Fluoride	U		0.761	1.50	10	10/09/2025 00:53	WG2616465
Nitrate as (N)	12.6		0.884	1.00	10	10/09/2025 00:53	WG2616465
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 00:53	WG2616465
Sulfate	1840		63.7	500	100	10/09/2025 04:06	WG2616465

Sample Narrative:

L1905636-76 WG2616465: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00149	J	0.000120	0.00200	1	11/06/2025 00:45	WG2616678
Barium	0.0122		0.000500	0.00200	1	11/06/2025 00:45	WG2616678
Calcium	457		0.0925	1.00	1	11/06/2025 00:45	WG2616678
Chromium	U		0.000900	0.00200	1	11/06/2025 00:45	WG2616678
Iron	U		0.0226	0.100	1	11/06/2025 00:45	WG2616678
Lead	U		0.000500	0.00200	1	11/06/2025 00:45	WG2616678
Manganese	U		0.000700	0.00500	1	11/06/2025 00:45	WG2616678
Potassium	0.679	J	0.0965	2.00	1	11/06/2025 00:45	WG2616678
Selenium	0.00796		0.000250	0.00200	1	11/06/2025 00:45	WG2616678
Sodium	155		0.142	2.00	1	11/06/2025 00:45	WG2616678

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/10/2025 16:38	WG2617548
Benzene	U		0.000320	0.00100	1	10/10/2025 16:38	WG2617548
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 16:38	WG2617548
Bromoform	U		0.000548	0.00100	1	10/10/2025 16:38	WG2617548
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 16:38	WG2617548
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 16:38	WG2617548
sec-Butylbenzene	U		0.000355	0.00100	1	10/10/2025 16:38	WG2617548
Carbon disulfide	U		0.000510	0.00100	1	10/10/2025 16:38	WG2617548
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 16:38	WG2617548
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 16:38	WG2617548
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 16:38	WG2617548
Chloroethane	U		0.00279	0.00500	1	10/10/2025 16:38	WG2617548
Chloroform	U		0.00128	0.00500	1	10/10/2025 16:38	WG2617548
Chloromethane	U		0.00170	0.00500	1	10/10/2025 16:38	WG2617548
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 16:38	WG2617548
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 16:38	WG2617548
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 16:38	WG2617548
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 16:38	WG2617548
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 16:38	WG2617548
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 16:38	WG2617548
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 16:38	WG2617548
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 16:38	WG2617548
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 16:38	WG2617548

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 16:38	WG2617548
Isopropylbenzene	U		0.000105	0.00100	1	10/10/2025 16:38	WG2617548
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 16:38	WG2617548
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 16:38	WG2617548
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 16:38	WG2617548
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 16:38	WG2617548
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 16:38	WG2617548
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 16:38	WG2617548
Naphthalene	U		0.00264	0.00500	1	10/10/2025 16:38	WG2617548
n-Propylbenzene	U		0.000239	0.00100	1	10/10/2025 16:38	WG2617548
Styrene	U		0.000342	0.00100	1	10/10/2025 16:38	WG2617548
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 16:38	WG2617548
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 16:38	WG2617548
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 16:38	WG2617548
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 16:38	WG2617548
Toluene	U		0.000274	0.00100	1	10/10/2025 16:38	WG2617548
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 16:38	WG2617548
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 16:38	WG2617548
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 16:38	WG2617548
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 16:38	WG2617548
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 16:38	WG2617548
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 16:38	WG2617548
o-Xylene	U		0.000319	0.00100	1	10/10/2025 16:38	WG2617548
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 16:38	WG2617548
Xylenes, Total	U		0.000319	0.00300	1	10/10/2025 16:38	WG2617548
(S) Toluene-d8	*102*			*80.0-120*		*10/10/2025 16:38*	WG2617548
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*10/10/2025 16:38*	WG2617548
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/10/2025 16:38*	WG2617548

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.0712	J	0.0605	0.100	1	10/14/2025 23:38	WG2616588
(S) o-Terphenyl	*52.6*			*52.0-156*		*10/14/2025 23:38*	WG2616588

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3050		50.0	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	134		5.47	10.0	10	10/09/2025 01:27	WG2616465
Fluoride	U		0.761	1.50	10	10/09/2025 01:27	WG2616465
Nitrate as (N)	12.8		0.884	1.00	10	10/09/2025 01:27	WG2616465
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 01:27	WG2616465
Sulfate	1780		63.7	500	100	10/09/2025 04:17	WG2616465

Sample Narrative:

L1905636-77 WG2616465: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00151	J	0.000120	0.00200	1	11/06/2025 00:48	WG2616678
Barium	0.0123		0.000500	0.00200	1	11/06/2025 00:48	WG2616678
Calcium	499		0.0925	1.00	1	11/06/2025 00:48	WG2616678
Chromium	U		0.000900	0.00200	1	11/06/2025 00:48	WG2616678
Iron	U		0.0226	0.100	1	11/06/2025 00:48	WG2616678
Lead	U		0.000500	0.00200	1	11/06/2025 00:48	WG2616678
Manganese	U		0.000700	0.00500	1	11/06/2025 00:48	WG2616678
Potassium	0.734	J	0.0965	2.00	1	11/06/2025 00:48	WG2616678
Selenium	0.00758		0.000250	0.00200	1	11/06/2025 00:48	WG2616678
Sodium	165		0.142	2.00	1	11/06/2025 00:48	WG2616678

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/10/2025 17:01	WG2617548
Benzene	U		0.000320	0.00100	1	10/10/2025 17:01	WG2617548
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 17:01	WG2617548
Bromoform	U		0.000548	0.00100	1	10/10/2025 17:01	WG2617548
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 17:01	WG2617548
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 17:01	WG2617548
sec-Butylbenzene	U		0.000355	0.00100	1	10/10/2025 17:01	WG2617548
Carbon disulfide	U		0.000510	0.00100	1	10/10/2025 17:01	WG2617548
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 17:01	WG2617548
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 17:01	WG2617548
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 17:01	WG2617548
Chloroethane	U		0.00279	0.00500	1	10/10/2025 17:01	WG2617548
Chloroform	U		0.00128	0.00500	1	10/10/2025 17:01	WG2617548
Chloromethane	U		0.00170	0.00500	1	10/10/2025 17:01	WG2617548
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 17:01	WG2617548
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 17:01	WG2617548
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 17:01	WG2617548
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 17:01	WG2617548
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 17:01	WG2617548
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 17:01	WG2617548
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 17:01	WG2617548
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 17:01	WG2617548
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 17:01	WG2617548

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 17:01	WG2617548
Isopropylbenzene	U		0.000105	0.00100	1	10/10/2025 17:01	WG2617548
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 17:01	WG2617548
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 17:01	WG2617548
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 17:01	WG2617548
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 17:01	WG2617548
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 17:01	WG2617548
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 17:01	WG2617548
Naphthalene	U		0.00264	0.00500	1	10/10/2025 17:01	WG2617548
n-Propylbenzene	U		0.000239	0.00100	1	10/10/2025 17:01	WG2617548
Styrene	U		0.000342	0.00100	1	10/10/2025 17:01	WG2617548
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 17:01	WG2617548
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 17:01	WG2617548
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 17:01	WG2617548
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 17:01	WG2617548
Toluene	U		0.000274	0.00100	1	10/10/2025 17:01	WG2617548
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 17:01	WG2617548
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 17:01	WG2617548
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 17:01	WG2617548
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 17:01	WG2617548
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 17:01	WG2617548
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 17:01	WG2617548
o-Xylene	U		0.000319	0.00100	1	10/10/2025 17:01	WG2617548
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 17:01	WG2617548
Xylenes, Total	U		0.000319	0.00300	1	10/10/2025 17:01	WG2617548
(S) Toluene-d8	*109*			*80.0-120*		*10/10/2025 17:01*	WG2617548
(S) 4-Bromofluorobenzene	*113*			*77.0-126*		*10/10/2025 17:01*	WG2617548
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/10/2025 17:01*	WG2617548

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.0963	J	0.0605	0.100	1	10/16/2025 12:49	WG2620579
(S) o-Terphenyl	*107*			*52.0-156*		*10/16/2025 12:49*	WG2620579

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	10/10/2025 17:21	WG2616789

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	10/09/2025 01:38	WG2616465
Fluoride	U		0.0761	0.150	1	10/09/2025 01:38	WG2616465
Nitrate as (N)	U		0.0884	0.100	1	10/09/2025 01:38	WG2616465
Nitrite as (N)	U		0.0794	0.100	1	10/09/2025 01:38	WG2616465
Sulfate	U		0.637	5.00	1	10/09/2025 01:38	WG2616465

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	11/06/2025 00:51	WG2616678
Barium	0.000701	J	0.000500	0.00200	1	11/06/2025 00:51	WG2616678
Calcium	0.158	J	0.0925	1.00	1	11/06/2025 00:51	WG2616678
Chromium	U		0.000900	0.00200	1	11/06/2025 00:51	WG2616678
Iron	U		0.0226	0.100	1	11/06/2025 00:51	WG2616678
Lead	U		0.000500	0.00200	1	11/06/2025 00:51	WG2616678
Manganese	U		0.000700	0.00500	1	11/06/2025 00:51	WG2616678
Potassium	U		0.0965	2.00	1	11/06/2025 00:51	WG2616678
Selenium	U		0.000250	0.00200	1	11/06/2025 00:51	WG2616678
Sodium	0.324	J	0.142	2.00	1	11/06/2025 00:51	WG2616678

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/10/2025 15:51	WG2617548
Benzene	U		0.000320	0.00100	1	10/10/2025 15:51	WG2617548
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 15:51	WG2617548
Bromoform	U		0.000548	0.00100	1	10/10/2025 15:51	WG2617548
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 15:51	WG2617548
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 15:51	WG2617548
sec-Butylbenzene	U		0.000355	0.00100	1	10/10/2025 15:51	WG2617548
Carbon disulfide	U		0.000510	0.00100	1	10/10/2025 15:51	WG2617548
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 15:51	WG2617548
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 15:51	WG2617548
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 15:51	WG2617548
Chloroethane	U		0.00279	0.00500	1	10/10/2025 15:51	WG2617548
Chloroform	U		0.00128	0.00500	1	10/10/2025 15:51	WG2617548
Chloromethane	U		0.00170	0.00500	1	10/10/2025 15:51	WG2617548
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 15:51	WG2617548
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 15:51	WG2617548
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 15:51	WG2617548
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 15:51	WG2617548
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 15:51	WG2617548
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 15:51	WG2617548
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 15:51	WG2617548
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 15:51	WG2617548
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 15:51	WG2617548
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 15:51	WG2617548
Isopropylbenzene	U		0.000105	0.00100	1	10/10/2025 15:51	WG2617548
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 15:51	WG2617548

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 15:51	WG2617548
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 15:51	WG2617548
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 15:51	WG2617548
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 15:51	WG2617548
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 15:51	WG2617548
Naphthalene	U		0.00264	0.00500	1	10/10/2025 15:51	WG2617548
n-Propylbenzene	U		0.000239	0.00100	1	10/10/2025 15:51	WG2617548
Styrene	U		0.000342	0.00100	1	10/10/2025 15:51	WG2617548
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 15:51	WG2617548
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 15:51	WG2617548
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 15:51	WG2617548
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 15:51	WG2617548
Toluene	U		0.000274	0.00100	1	10/10/2025 15:51	WG2617548
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 15:51	WG2617548
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 15:51	WG2617548
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 15:51	WG2617548
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 15:51	WG2617548
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 15:51	WG2617548
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 15:51	WG2617548
o-Xylene	U		0.000319	0.00100	1	10/10/2025 15:51	WG2617548
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 15:51	WG2617548
Xylenes, Total	U		0.000319	0.00300	1	10/10/2025 15:51	WG2617548
(S) Toluene-d8	*103*			*80.0-120*		*10/10/2025 15:51*	WG2617548
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*10/10/2025 15:51*	WG2617548
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/10/2025 15:51*	WG2617548

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/16/2025 13:11	WG2620579
(S) o-Terphenyl	*106*			*52.0-156*		*10/16/2025 13:11*	WG2620579

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/10/2025 15:27	WG2617548
Benzene	U		0.000320	0.00100	1	10/10/2025 15:27	WG2617548
Bromodichloromethane	U		0.000371	0.00100	1	10/10/2025 15:27	WG2617548
Bromoform	U		0.000548	0.00100	1	10/10/2025 15:27	WG2617548
Bromomethane	U	C3	0.00485	0.00500	1	10/10/2025 15:27	WG2617548
n-Butylbenzene	U		0.000516	0.00100	1	10/10/2025 15:27	WG2617548
sec-Butylbenzene	U		0.000355	0.00100	1	10/10/2025 15:27	WG2617548
Carbon disulfide	U		0.000510	0.00100	1	10/10/2025 15:27	WG2617548
Carbon tetrachloride	U		0.000360	0.00100	1	10/10/2025 15:27	WG2617548
Chlorobenzene	U		0.000266	0.00100	1	10/10/2025 15:27	WG2617548
Chlorodibromomethane	U		0.000398	0.00100	1	10/10/2025 15:27	WG2617548
Chloroethane	U		0.00279	0.00500	1	10/10/2025 15:27	WG2617548
Chloroform	U		0.00128	0.00500	1	10/10/2025 15:27	WG2617548
Chloromethane	U		0.00170	0.00500	1	10/10/2025 15:27	WG2617548
1,2-Dibromoethane	U		0.000341	0.00100	1	10/10/2025 15:27	WG2617548
1,1-Dichloroethane	U		0.000389	0.00100	1	10/10/2025 15:27	WG2617548
1,2-Dichloroethane	U		0.000395	0.00100	1	10/10/2025 15:27	WG2617548
1,1-Dichloroethene	U		0.000422	0.00100	1	10/10/2025 15:27	WG2617548
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/10/2025 15:27	WG2617548
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/10/2025 15:27	WG2617548
1,2-Dichloropropane	U		0.000427	0.00100	1	10/10/2025 15:27	WG2617548
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/10/2025 15:27	WG2617548
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/10/2025 15:27	WG2617548
Ethylbenzene	U		0.000234	0.00100	1	10/10/2025 15:27	WG2617548
Isopropylbenzene	U		0.000105	0.00100	1	10/10/2025 15:27	WG2617548
p-Isopropyltoluene	U		0.000345	0.00100	1	10/10/2025 15:27	WG2617548
2-Butanone (MEK)	U		0.00900	0.0200	1	10/10/2025 15:27	WG2617548
2-Hexanone	U		0.00580	0.0200	1	10/10/2025 15:27	WG2617548
Methylene Chloride	U		0.00148	0.00500	1	10/10/2025 15:27	WG2617548
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/10/2025 15:27	WG2617548
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/10/2025 15:27	WG2617548
Naphthalene	U		0.00264	0.00500	1	10/10/2025 15:27	WG2617548
n-Propylbenzene	U		0.000239	0.00100	1	10/10/2025 15:27	WG2617548
Styrene	U		0.000342	0.00100	1	10/10/2025 15:27	WG2617548
tert-Butyl alcohol	U		0.00496	0.0200	1	10/10/2025 15:27	WG2617548
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/10/2025 15:27	WG2617548
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/10/2025 15:27	WG2617548
Tetrachloroethene	U		0.000358	0.00100	1	10/10/2025 15:27	WG2617548
Toluene	U		0.000274	0.00100	1	10/10/2025 15:27	WG2617548
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/10/2025 15:27	WG2617548
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/10/2025 15:27	WG2617548
Trichloroethene	U		0.000383	0.00100	1	10/10/2025 15:27	WG2617548
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/10/2025 15:27	WG2617548
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/10/2025 15:27	WG2617548
Vinyl chloride	U		0.000458	0.00100	1	10/10/2025 15:27	WG2617548
o-Xylene	U		0.000319	0.00100	1	10/10/2025 15:27	WG2617548
m&p-Xylene	U		0.000549	0.00200	1	10/10/2025 15:27	WG2617548
Xylenes, Total	U		0.000319	0.00300	1	10/10/2025 15:27	WG2617548
(S) Toluene-d8	*103*			*80.0-120*		*10/10/2025 15:27*	WG2617548
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*10/10/2025 15:27*	WG2617548
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/10/2025 15:27*	WG2617548

Method Blank (MB)

(MB) R4285819-1 10/09/25 10:04

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

Laboratory Control Sample (LCS)

(LCS) R4285819-2 10/09/25 10:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8100	92.0	90.0-110	

Method Blank (MB)

(MB) R4285828-1 10/09/25 08:34

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1905636-38 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-38 10/09/25 08:34 • (DUP) R4285828-3 10/09/25 08:34

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	3240	3450	1	6.13		10

L1905636-73 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-73 10/09/25 08:34 • (DUP) R4285828-4 10/09/25 08:34

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1500	1500	1	0.400		10

Laboratory Control Sample (LCS)

(LCS) R4285828-2 10/09/25 08:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8460	96.1	90.0-110	

Method Blank (MB)

(MB) R4285852-1 10/09/25 16:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1905636-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-07 10/09/25 16:08 • (DUP) R4285852-3 10/09/25 16:08

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	4310	4340	1	0.694		10

L1905636-43 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-43 10/09/25 16:08 • (DUP) R4285852-4 10/09/25 16:08

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	4180	4210	1	0.596		10

Laboratory Control Sample (LCS)

(LCS) R4285852-2 10/09/25 16:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8570	97.4	90.0-110	

Method Blank (MB)

(MB) R4286120-1 10/10/25 17:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1905636-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-01 10/10/25 17:21 • (DUP) R4286120-3 10/10/25 17:21

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	8960	9640	1	7.31		10

L1905721-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1905721-01 10/10/25 17:21 • (DUP) R4286120-4 10/10/25 17:21

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	961	977	1	1.65		10

Laboratory Control Sample (LCS)

(LCS) R4286120-2 10/10/25 17:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8610	97.8	90.0-110	

Method Blank (MB)

(MB) R4285859-1 10/10/25 10:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1905636-75 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-75 10/10/25 10:11 • (DUP) R4285859-3 10/10/25 10:11

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2790	2670	1	4.40		10

L1905636-76 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-76 10/10/25 10:11 • (DUP) R4285859-4 10/10/25 10:11

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	3140	3040	1	3.24		10

Laboratory Control Sample (LCS)

(LCS) R4285859-2 10/10/25 10:11

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8220	93.4	90.0-110	

Method Blank (MB)

(MB) R4287351-1 10/13/25 19:24

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1905636-67 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-67 10/13/25 19:24 • (DUP) R4287351-3 10/14/25 16:02

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	ND	ND	1	0.000		10

L1906998-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1906998-05 10/13/25 19:24 • (DUP) R4287351-4 10/14/25 16:02

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	9440	9760	1	3.33		10

Laboratory Control Sample (LCS)

(LCS) R4287351-2 10/13/25 19:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8250	93.8	90.0-110	

Method Blank (MB)

(MB) R4286685-1 10/08/25 22:06

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1905630-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1905630-08 10/08/25 22:31 • (DUP) R4286685-3 10/08/25 22:43

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	19.4	18.9	1	2.37		15
Fluoride	0.206	0.197	1	4.67		15
Nitrate as (N)	5.26	5.17	1	1.69		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	34.1	33.3	1	2.34		15

L1905630-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1905630-10 10/08/25 23:34 • (DUP) R4286685-6 10/08/25 23:46

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	45.1	45.1	1	0.179		15
Fluoride	0.251	0.248	1	1.28		15
Nitrate as (N)	5.19	5.20	1	0.160		15
Nitrite as (N)	0.0909	0.0906	1	0.331	J	15
Sulfate	37.1	36.9	1	0.692		15

Laboratory Control Sample (LCS)

(LCS) R4286685-2 10/08/25 22:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.4	98.6	80.0-120	
Fluoride	8.00	8.11	101	80.0-120	
Nitrate as (N)	8.00	7.77	97.1	80.0-120	
Nitrite as (N)	8.00	8.02	100	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4286685-2 10/08/25 22:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40.0	40.0	99.9	80.0-120	

L1905630-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905630-08 10/08/25 22:31 • (MS) R4286685-4 10/08/25 22:56 • (MSD) R4286685-5 10/08/25 23:08

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	19.4	55.4	53.2	90.0	84.4	1	80.0-120			4.14	15
Fluoride	8.00	0.206	8.31	7.98	101	97.2	1	80.0-120			4.06	15
Nitrate as (N)	8.00	5.26	12.1	11.6	85.9	79.6	1	80.0-120	E	E J6	4.20	15
Nitrite as (N)	8.00	U	8.04	7.73	101	96.7	1	80.0-120			3.96	15
Sulfate	40.0	34.1	67.8	65.0	84.3	77.2	1	80.0-120		J6	4.28	15

L1905630-10 Original Sample (OS) • Matrix Spike (MS)

(OS) L1905630-10 10/08/25 23:34 • (MS) R4286685-7 10/08/25 23:59

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	45.1	77.0	79.5	1	80.0-120	J6
Fluoride	8.00	0.251	8.34	101	1	80.0-120	
Nitrate as (N)	8.00	5.19	12.1	86.9	1	80.0-120	E
Nitrite as (N)	8.00	0.0909	8.12	100	1	80.0-120	
Sulfate	40.0	37.1	71.1	85.0	1	80.0-120	

Method Blank (MB)

(MB) R4284868-1 10/08/25 18:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1905636-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-14 10/08/25 18:37 • (DUP) R4284868-3 10/08/25 19:03

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Fluoride	1.16	1.21	10	4.73	J	15
Nitrate as (N)	U	U	10	0.000		15
Nitrite as (N)	U	U	10	0.000		15

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1905636-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-14 10/08/25 18:50 • (DUP) R4284868-4 10/08/25 19:15

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	1180	1160	100	2.43		15
Sulfate	1520	1420	100	6.83		15

L1905636-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-21 10/08/25 22:38 • (DUP) R4284868-6 10/08/25 22:50

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4284868-2 10/08/25 18:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.7	96.8	80.0-120	
Fluoride	8.00	8.06	101	80.0-120	
Nitrate as (N)	8.00	7.95	99.3	80.0-120	
Nitrite as (N)	8.00	8.06	101	80.0-120	
Sulfate	40.0	41.3	103	80.0-120	

L1905636-14 Original Sample (OS) • Matrix Spike (MS)

(OS) L1905636-14 10/08/25 18:37 • (MS) R4284868-5 10/08/25 19:28

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	1300	1160	0.000	10	80.0-120	E V
Fluoride	8.00	1.16	5.71	56.9	10	80.0-120	J6
Nitrate as (N)	8.00	U	3.88	48.5	10	80.0-120	J6
Nitrite as (N)	8.00	U	4.77	59.6	10	80.0-120	J6
Sulfate	40.0	1530	1440	0.000	10	80.0-120	E V

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1905636-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905636-21 10/08/25 22:38 • (MS) R4284868-7 10/08/25 23:03 • (MSD) R4284868-8 10/08/25 23:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	39.9	40.2	99.8	100	1	80.0-120			0.620	15
Fluoride	8.00	U	8.29	8.35	104	104	1	80.0-120			0.791	15
Nitrate as (N)	8.00	U	8.21	8.24	103	103	1	80.0-120			0.355	15
Nitrite as (N)	8.00	U	8.29	8.34	104	104	1	80.0-120			0.599	15
Sulfate	40.0	U	40.5	40.9	101	102	1	80.0-120			0.904	15

Method Blank (MB)

(MB) R4286674-1 10/09/25 04:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

Method Blank (MB)

(MB) R4286680-1 10/09/25 10:56

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Nitrate as (N)	U		0.0884	0.100

L1905636-54 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-54 10/09/25 11:18 • (DUP) R4286680-3 10/09/25 11:28

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1905636-43 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-43 10/09/25 12:01 • (DUP) R4286680-6 10/09/25 12:23

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	283	272	10	4.16		15
Fluoride	3.37	1.49	10	77.5	J P1	15
Nitrate as (N)	1.41	U	10	200	P1	15
Nitrite as (N)	2.26	U	10	200	P1	15

L1905636-43 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-43 10/09/25 12:12 • (DUP) R4286680-7 10/09/25 12:34

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	3040	3030	100	0.103		15

Laboratory Control Sample (LCS)

(LCS) R4286674-2 10/09/25 04:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	36.6	91.5	80.0-120	
Fluoride	8.00	7.20	90.0	80.0-120	
Nitrate as (N)	8.00	6.76	84.5	80.0-120	
Nitrite as (N)	8.00	7.43	92.9	80.0-120	
Sulfate	40.0	34.3	85.8	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4286680-2 10/09/25 11:07

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate as (N)	8.00	7.43	92.9	80.0-120	

L1905636-54 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905636-54 10/09/25 11:18 • (MS) R4286680-4 10/09/25 11:39 • (MSD) R4286680-5 10/09/25 11:50

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	30.6	26.9	76.6	67.2	1	80.0-120	J6	J6	13.1	15
Fluoride	8.00	U	6.35	5.16	79.3	64.5	1	80.0-120	J6	J3 J6	20.7	15
Nitrate as (N)	8.00	U	6.01	5.28	75.1	66.0	1	80.0-120	J6	J6	12.9	15
Nitrite as (N)	8.00	U	6.29	5.50	78.6	68.7	1	80.0-120	J6	J6	13.4	15
Sulfate	40.0	U	29.1	27.3	72.7	68.1	1	80.0-120	J6	J6	6.51	15

L1905636-43 Original Sample (OS) • Matrix Spike (MS)

(OS) L1905636-43 10/09/25 12:01 • (MS) R4286680-8 10/09/25 12:44

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	283	277	0.000	10	80.0-120	V
Fluoride	8.00	3.37	7.43	50.7	10	80.0-120	J6

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L1905636-43 Original Sample (OS) • Matrix Spike (MS)

(OS) L1905636-43 10/09/25 12:01 • (MS) R4286680-8 10/09/25 12:44

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate as (N)	8.00	1.41	4.82	42.7	10	80.0-120	J6
Nitrite as (N)	8.00	2.26	7.49	65.4	10	80.0-120	J6
Sulfate	40.0	2490	2060	0.000	10	80.0-120	E V

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Method Blank (MB)

(MB) R4284692-1 10/08/25 22:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1905636-67 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-67 10/08/25 22:59 • (DUP) R4284692-3 10/08/25 23:10

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1905636-78 Original Sample (OS) • Duplicate (DUP)

(OS) L1905636-78 10/09/25 01:38 • (DUP) R4284692-6 10/09/25 01:49

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4284692-2 10/08/25 22:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	35.1	87.7	80.0-120	
Fluoride	8.00	7.08	88.5	80.0-120	
Nitrate as (N)	8.00	7.05	88.1	80.0-120	
Nitrite as (N)	8.00	7.13	89.1	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4284692-2 10/08/25 22:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40.0	35.4	88.5	80.0-120	

L1905636-67 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905636-67 10/08/25 22:59 • (MS) R4284692-4 10/08/25 23:22 • (MSD) R4284692-5 10/08/25 23:33

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	39.6	40.3	99.1	101	1	80.0-120			1.57	15
Fluoride	8.00	U	8.00	8.11	100	101	1	80.0-120			1.29	15
Nitrate as (N)	8.00	U	7.97	8.08	99.7	101	1	80.0-120			1.29	15
Nitrite as (N)	8.00	U	8.03	8.14	100	102	1	80.0-120			1.45	15
Sulfate	40.0	U	40.0	40.7	100	102	1	80.0-120			1.56	15

L1905636-78 Original Sample (OS) • Matrix Spike (MS)

(OS) L1905636-78 10/09/25 01:38 • (MS) R4284692-7 10/09/25 02:01

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	U	40.0	100	1	80.0-120	
Fluoride	8.00	U	8.06	101	1	80.0-120	
Nitrate as (N)	8.00	U	8.05	101	1	80.0-120	
Nitrite as (N)	8.00	U	8.10	101	1	80.0-120	
Sulfate	40.0	U	40.4	101	1	80.0-120	

Method Blank (MB)

(MB) R4287101-1 10/14/25 20:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Sulfate	U		0.637	5.00

L1907644-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1907644-06 10/14/25 23:20 • (DUP) R4287101-3 10/14/25 23:31

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4287101-2 10/14/25 20:37

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	36.8	92.0	80.0-120	
Fluoride	8.00	7.62	95.2	80.0-120	
Sulfate	40.0	36.2	90.4	80.0-120	

L1907644-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1907644-06 10/14/25 23:20 • (MS) R4287101-4 10/14/25 23:43 • (MSD) R4287101-5 10/14/25 23:55

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	38.0	39.8	95.0	99.5	1	80.0-120			4.62	15
Fluoride	8.00	U	7.75	8.11	96.9	101	1	80.0-120			4.57	15
Sulfate	40.0	U	36.2	38.1	90.6	95.1	1	80.0-120			4.95	15

Method Blank (MB)

(MB) R4284659-1 10/09/25 00:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron,Dissolved	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4284659-2 10/09/25 00:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron,Dissolved	1.00	0.932	93.2	80.0-120	

L1905636-36 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905636-36 10/09/25 00:56 • (MS) R4284659-4 10/09/25 01:01 • (MSD) R4284659-5 10/09/25 01:03

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron,Dissolved	1.00	0.668	1.60	1.59	93.5	92.4	1	75.0-125			0.700	20

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Method Blank (MB)

(MB) R4285041-1 10/09/25 15:04

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4285041-2 10/09/25 15:05

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	0.970	97.0	80.0-120	

L1905129-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905129-01 10/09/25 15:07 • (MS) R4285041-4 10/09/25 15:10 • (MSD) R4285041-5 10/09/25 15:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00	0.438	1.44	1.36	99.9	92.0	1	75.0-125			5.65	20

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Method Blank (MB)

(MB) R4285044-1 10/09/25 17:28

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4285044-2 10/09/25 17:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	0.943	94.3	80.0-120	

L1905749-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905749-04 10/09/25 17:32 • (MS) R4285044-4 10/09/25 17:35 • (MSD) R4285044-5 10/09/25 17:37

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00	0.221	1.15	1.16	92.9	94.2	1	75.0-125			1.11	20

Method Blank (MB)

(MB) R4285816-1 10/12/25 06:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4285816-2 10/12/25 06:38

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	0.957	95.7	80.0-120	

L1905991-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905991-10 10/12/25 06:39 • (MS) R4285816-4 10/12/25 06:43 • (MSD) R4285816-5 10/12/25 06:45

Analyte	Spike Amount mg/l	Original Result	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00		0.957	0.944	95.7	94.4	1	75.0-125			1.31	20

Method Blank (MB)

(MB) R4293013-1 10/28/25 15:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00

Laboratory Control Sample (LCS)

(LCS) R4293013-2 10/28/25 15:41

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0481	96.2	80.0-120	
Barium	0.0500	0.0490	98.0	80.0-120	
Calcium	5.00	5.11	102	80.0-120	
Chromium	0.0500	0.0506	101	80.0-120	
Iron	1.00	1.02	102	80.0-120	
Lead	0.0500	0.0500	100	80.0-120	
Manganese	0.0500	0.0509	102	80.0-120	
Potassium	5.00	4.71	94.2	80.0-120	
Selenium	0.0500	0.0482	96.4	80.0-120	
Sodium	5.00	5.10	102	80.0-120	

L1905618-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905618-02 10/28/25 15:45 • (MS) R4293013-4 10/28/25 15:51 • (MSD) R4293013-5 10/28/25 15:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	U	0.0477	0.0466	95.5	93.3	1	75.0-125			2.35	20
Barium	0.0500	U	0.0493	0.0487	98.5	97.3	1	75.0-125			1.23	20
Calcium	5.00	0.123	5.04	4.91	98.3	95.7	1	75.0-125			2.67	20
Chromium	0.0500	U	0.0521	0.0507	104	101	1	75.0-125			2.71	20
Iron	1.00	U	1.02	0.995	102	99.5	1	75.0-125			2.40	20
Lead	0.0500	U	0.0497	0.0487	99.5	97.4	1	75.0-125			2.04	20
Manganese	0.0500	0.00195	0.0531	0.0514	102	98.8	1	75.0-125			3.25	20

L1905618-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905618-02 10/28/25 15:45 • (MS) R4293013-4 10/28/25 15:51 • (MSD) R4293013-5 10/28/25 15:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Potassium	5.00	U	4.71	4.65	94.2	92.9	1	75.0-125			1.32	20
Selenium	0.0500	U	0.0474	0.0480	94.9	96.0	1	75.0-125			1.21	20
Sodium	5.00	U	5.00	4.89	99.9	97.8	1	75.0-125			2.11	20

Method Blank (MB)

(MB) R4293432-1 10/29/25 11:53

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4293432-2 10/29/25 11:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0510	102	80.0-120	
Barium	0.0500	0.0528	106	80.0-120	
Calcium	5.00	5.10	102	80.0-120	
Chromium	0.0500	0.0524	105	80.0-120	
Iron	1.00	1.05	105	80.0-120	
Lead	0.0500	0.0507	101	80.0-120	
Manganese	0.0500	0.0523	105	80.0-120	
Potassium	5.00	5.04	101	80.0-120	
Selenium	0.0500	0.0492	98.4	80.0-120	
Sodium	5.00	5.15	103	80.0-120	
Uranium	0.0500	0.0499	99.8	80.0-120	

L1905636-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905636-10 10/29/25 12:00 • (MS) R4293432-4 10/29/25 12:07 • (MSD) R4293432-5 10/29/25 12:10

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	U	0.0498	0.0505	99.5	101	1	75.0-125			1.42	20
Barium	0.0500	0.000663	0.0494	0.0489	97.4	96.4	1	75.0-125			0.984	20
Calcium	5.00	0.136	5.00	5.18	97.2	101	1	75.0-125			3.61	20
Chromium	0.0500	U	0.0529	0.0527	106	105	1	75.0-125			0.443	20
Iron	1.00	U	1.06	1.06	106	106	1	75.0-125			0.163	20

L1905636-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905636-10 10/29/25 12:00 • (MS) R4293432-4 10/29/25 12:07 • (MSD) R4293432-5 10/29/25 12:10

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	U	0.0499	0.0496	99.8	99.2	1	75.0-125			0.645	20
Manganese	0.0500	U	0.0506	0.0513	101	103	1	75.0-125			1.19	20
Potassium	5.00	U	5.03	4.95	101	99.0	1	75.0-125			1.52	20
Selenium	0.0500	U	0.0503	0.0492	101	98.4	1	75.0-125			2.29	20
Sodium	5.00	0.226	5.24	5.34	100	102	1	75.0-125			1.79	20
Uranium	0.0500	U	0.0490	0.0492	98.1	98.5	1	75.0-125			0.424	20

Method Blank (MB)

(MB) R4293695-1 10/29/25 12:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4293695-2 10/29/25 12:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0493	98.6	80.0-120	
Barium	0.0500	0.0483	96.6	80.0-120	
Calcium	5.00	5.12	102	80.0-120	
Chromium	0.0500	0.0514	103	80.0-120	
Iron	1.00	1.02	102	80.0-120	
Lead	0.0500	0.0498	99.7	80.0-120	
Manganese	0.0500	0.0509	102	80.0-120	
Potassium	5.00	5.00	99.9	80.0-120	
Selenium	0.0500	0.0487	97.3	80.0-120	
Sodium	5.00	5.04	101	80.0-120	
Uranium	0.0500	0.0496	99.1	80.0-120	

L1905636-31 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905636-31 10/29/25 12:55 • (MS) R4293695-4 10/29/25 13:09 • (MSD) R4293695-5 10/29/25 13:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.0258	0.0744	0.0754	97.2	99.3	1	75.0-125			1.37	20
Barium	0.0500	0.0152	0.0659	0.0670	101	103	1	75.0-125			1.57	20
Calcium	5.00	649	645	650	0.000	23.8	1	75.0-125	V	V	0.727	20
Chromium	0.0500	U	0.0507	0.0506	101	101	1	75.0-125			0.197	20
Iron	1.00	3.55	4.64	4.66	108	111	1	75.0-125			0.486	20

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L1905636-31 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905636-31 10/29/25 12:55 • (MS) R4293695-4 10/29/25 13:09 • (MSD) R4293695-5 10/29/25 13:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	U	0.0499	0.0505	99.8	101	1	75.0-125			1.07	20
Manganese	0.0500	0.216	0.264	0.265	97.2	98.2	1	75.0-125			0.186	20
Potassium	5.00	5.43	10.3	10.3	98.0	97.2	1	75.0-125			0.386	20
Selenium	0.0500	U	0.0508	0.0507	102	101	1	75.0-125			0.118	20
Sodium	5.00	699	699	710	0.000	219	1	75.0-125	V	V	1.63	20
Uranium	0.0500	0.00351	0.0564	0.0559	106	105	1	75.0-125			0.933	20

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Method Blank (MB)

(MB) R4296956-1 11/05/25 20:23

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4296956-2 11/05/25 20:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0521	104	80.0-120	
Barium	0.0500	0.0516	103	80.0-120	
Calcium	5.00	5.41	108	80.0-120	
Chromium	0.0500	0.0532	106	80.0-120	
Iron	1.00	1.08	108	80.0-120	
Lead	0.0500	0.0521	104	80.0-120	
Manganese	0.0500	0.0542	108	80.0-120	
Potassium	5.00	5.16	103	80.0-120	
Selenium	0.0500	0.0537	107	80.0-120	
Sodium	5.00	5.22	104	80.0-120	
Uranium	0.0500	0.0564	113	80.0-120	

L1905636-62 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905636-62 11/05/25 20:29 • (MS) R4296956-4 11/05/25 20:36 • (MSD) R4296956-5 11/05/25 20:39

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.00787	0.0579	0.0598	100	104	1	75.0-125			3.19	20
Barium	0.0500	0.0161	0.0674	0.0692	103	106	1	75.0-125			2.62	20
Calcium	5.00	445	440	443	0.000	0.000	1	75.0-125	V	V	0.658	20
Chromium	0.0500	U	0.0499	0.0507	99.9	101	1	75.0-125			1.54	20
Iron	1.00	2.89	3.79	3.97	89.5	108	1	75.0-125			4.83	20

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L1905636-62 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905636-62 11/05/25 20:29 • (MS) R4296956-4 11/05/25 20:36 • (MSD) R4296956-5 11/05/25 20:39

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	0.000969	0.0522	0.0515	102	101	1	75.0-125			1.41	20
Manganese	0.0500	0.630	0.672	0.674	82.6	87.3	1	75.0-125			0.349	20
Potassium	5.00	3.91	8.68	8.76	95.4	97.0	1	75.0-125			0.928	20
Selenium	0.0500	0.000269	0.0536	0.0556	107	111	1	75.0-125			3.57	20
Sodium	5.00	312	312	310	0.000	0.000	1	75.0-125	V	V	0.676	20
Uranium	0.0500	0.000608	0.0574	0.0571	114	113	1	75.0-125			0.540	20

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Method Blank (MB)

(MB) R4295275-1 11/02/25 18:06

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000120	0.00200
Iron,Dissolved	U		0.0226	0.100
Manganese,Dissolved	U		0.000700	0.00500
Uranium,Dissolved	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4295275-2 11/02/25 18:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0510	102	80.0-120	
Iron,Dissolved	1.00	1.12	112	80.0-120	
Manganese,Dissolved	0.0500	0.0520	104	80.0-120	
Uranium,Dissolved	0.0500	0.0506	101	80.0-120	

L1905644-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905644-04 11/02/25 18:12 • (MS) R4295275-4 11/02/25 18:18 • (MSD) R4295275-5 11/02/25 18:21

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.00256	0.0542	0.0548	103	104	1	75.0-125			0.994	20
Iron,Dissolved	1.00	7.78	9.13	8.78	135	100	1	75.0-125	V		3.88	20
Manganese,Dissolved	0.0500	0.613	0.709	0.693	193	159	1	75.0-125	V	V	2.37	20
Uranium,Dissolved	0.0500	0.000276	0.0514	0.0517	102	103	1	75.0-125			0.517	20

Method Blank (MB)

(MB) R4285364-3 10/09/25 10:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4285364-1 10/09/25 09:22 • (LCSD) R4285364-2 10/09/25 09:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	4.70	4.56	94.0	91.2	72.0-127			3.02	20
(S) a,a,a-Trifluorotoluene(FID)				*100*	*98.9*	*78.0-120*				

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Method Blank (MB)

(MB) R4285247-3 10/09/25 10:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	*97.2*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4285247-1 10/09/25 09:23 • (LCSD) R4285247-2 10/09/25 09:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	5.15	5.34	103	107	72.0-127			3.62	20
(S) a,a,a-Trifluorotoluene(FID)				*106*	*106*	*78.0-120*				

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Method Blank (MB)

(MB) R4285261-2 10/09/25 11:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4285261-1 10/09/25 10:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.89	97.8	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*108*	*78.0-120*	

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Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4286681-3 10/09/25 11:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	*99.8*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4286681-1 10/09/25 10:13 • (LCSD) R4286681-2 10/09/25 10:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	5.15	5.31	103	106	72.0-127			3.06	20
(S) a,a,a-Trifluorotoluene(FID)				*105*	*104*	*78.0-120*				

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Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4287371-3 10/14/25 20:04

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	*97.5*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4287371-1 10/14/25 18:36 • (LCSD) R4287371-2 10/14/25 18:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	5.69	5.68	114	114	72.0-127			0.176	20
(S) a,a,a-Trifluorotoluene(FID)				*106*	*105*	*78.0-120*				

Released to Imaging: 6/26/2026 3:07:01 PM

Method Blank (MB)

(MB) R4284678-3 10/08/25 23:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Benzene	U		0.000320	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
Carbon disulfide	U		0.000510	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
Ethylbenzene	U		0.000234	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
2-Hexanone	U		0.00580	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
tert-Butyl alcohol	U		0.00496	0.0200
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,1,1-Trichloroethane	U		0.000336	0.00100

Method Blank (MB)

(MB) R4284678-3 10/08/25 23:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
o-Xylene	U		0.000319	0.00100
m&p-Xylene	U		0.000549	0.00200
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*88.7*			*80.0-120*
(S) 4-Bromofluorobenzene	*115*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4284678-1 10/08/25 20:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0500	0.0452	90.4	19.0-160	J
Benzene	0.0100	0.0104	104	70.0-123	
Bromodichloromethane	0.0100	0.00984	98.4	75.0-120	
Bromoform	0.0100	0.00744	74.4	68.0-132	
Bromomethane	0.0100	0.00424	42.4	10.0-160	J
n-Butylbenzene	0.0100	0.00923	92.3	73.0-125	
sec-Butylbenzene	0.0100	0.00903	90.3	75.0-125	
Carbon disulfide	0.0100	0.0105	105	61.0-128	
Carbon tetrachloride	0.0100	0.00959	95.9	68.0-126	
Chlorobenzene	0.0100	0.00814	81.4	80.0-121	
Chlorodibromomethane	0.0100	0.00832	83.2	77.0-125	
Chloroethane	0.0100	0.0120	120	47.0-150	
Chloroform	0.0100	0.0106	106	73.0-120	
Chloromethane	0.0100	0.00807	80.7	41.0-142	
1,2-Dibromoethane	0.0100	0.00823	82.3	80.0-122	
1,1-Dichloroethane	0.0100	0.0114	114	70.0-126	
1,2-Dichloroethane	0.0100	0.0105	105	70.0-128	
1,1-Dichloroethene	0.0100	0.0103	103	71.0-124	
cis-1,2-Dichloroethene	0.0100	0.0102	102	73.0-120	
trans-1,2-Dichloroethene	0.0100	0.0108	108	73.0-120	
1,2-Dichloropropane	0.0100	0.0114	114	77.0-125	
cis-1,3-Dichloropropene	0.0100	0.0100	100	80.0-123	

Laboratory Control Sample (LCS)

(LCS) R4284678-1 10/08/25 20:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,3-Dichloropropene	0.0100	0.00873	87.3	78.0-124	
Ethylbenzene	0.0100	0.00812	81.2	79.0-123	
Isopropylbenzene	0.0100	0.00877	87.7	76.0-127	
p-Isopropyltoluene	0.0100	0.00895	89.5	76.0-125	
2-Butanone (MEK)	0.0500	0.0463	92.6	44.0-160	
2-Hexanone	0.0500	0.0409	81.8	67.0-149	
Methylene Chloride	0.0100	0.0104	104	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0500	0.0408	81.6	68.0-142	
Methyl tert-butyl ether	0.0100	0.00956	95.6	68.0-125	
Naphthalene	0.0100	0.00604	60.4	54.0-135	
n-Propylbenzene	0.0100	0.00868	86.8	77.0-124	
Styrene	0.0100	0.00848	84.8	73.0-130	
tert-Butyl alcohol	0.0500	0.0377	75.4	27.0-160	
1,1,1,2-Tetrachloroethane	0.0100	0.00805	80.5	75.0-125	
1,1,2,2-Tetrachloroethane	0.0100	0.00734	73.4	65.0-130	
Tetrachloroethene	0.0100	0.00854	85.4	72.0-132	
Toluene	0.0100	0.00856	85.6	79.0-120	
1,1,1-Trichloroethane	0.0100	0.0106	106	73.0-124	
1,1,2-Trichloroethane	0.0100	0.00857	85.7	80.0-120	
Trichloroethene	0.0100	0.00990	99.0	78.0-124	
1,2,4-Trimethylbenzene	0.0100	0.00842	84.2	76.0-121	
1,3,5-Trimethylbenzene	0.0100	0.00920	92.0	76.0-122	
Vinyl chloride	0.0100	0.0104	104	67.0-131	
o-Xylene	0.0100	0.00818	81.8	80.0-122	
m&p-Xylene	0.0200	0.0172	86.0	80.0-122	
Xylenes, Total	0.0300	0.0254	84.7	79.0-123	
(S) Toluene-d8			*91.5*	*80.0-120*	
(S) 4-Bromofluorobenzene			*99.2*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*110*	*70.0-130*	

Method Blank (MB)

(MB) R4284668-3 10/08/25 21:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Benzene	U		0.000320	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
Carbon disulfide	U		0.000510	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
Ethylbenzene	U		0.000234	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
2-Hexanone	U		0.00580	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
tert-Butyl alcohol	U		0.00496	0.0200
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,1,1-Trichloroethane	U		0.000336	0.00100

Method Blank (MB)

(MB) R4284668-3 10/08/25 21:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
o-Xylene	U		0.000319	0.00100
m&p-Xylene	U		0.000549	0.00200
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*90.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*99.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4284668-1 10/08/25 19:42 • (LCSD) R4284668-2 10/08/25 20:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0528	0.0514	106	103	19.0-160			2.69	27
Benzene	0.0100	0.00923	0.00980	92.3	98.0	70.0-123			5.99	20
Bromodichloromethane	0.0100	0.00905	0.00968	90.5	96.8	75.0-120			6.73	20
Bromoform	0.0100	0.00873	0.00946	87.3	94.6	68.0-132			8.03	20
Bromomethane	0.0100	0.00575	0.00718	57.5	71.8	10.0-160			22.1	25
n-Butylbenzene	0.0100	0.0107	0.0112	107	112	73.0-125			4.57	20
sec-Butylbenzene	0.0100	0.0105	0.0111	105	111	75.0-125			5.56	20
Carbon disulfide	0.0100	0.00866	0.00931	86.6	93.1	61.0-128			7.23	20
Carbon tetrachloride	0.0100	0.00739	0.00818	73.9	81.8	68.0-126			10.1	20
Chlorobenzene	0.0100	0.00990	0.0103	99.0	103	80.0-121			3.96	20
Chlorodibromomethane	0.0100	0.00929	0.00972	92.9	97.2	77.0-125			4.52	20
Chloroethane	0.0100	0.0137	0.0140	137	140	47.0-150			2.17	20
Chloroform	0.0100	0.00904	0.00965	90.4	96.5	73.0-120			6.53	20
Chloromethane	0.0100	0.00801	0.00853	80.1	85.3	41.0-142			6.29	20
1,2-Dibromoethane	0.0100	0.00987	0.0105	98.7	105	80.0-122			6.19	20
1,1-Dichloroethane	0.0100	0.00941	0.0101	94.1	101	70.0-126			7.07	20
1,2-Dichloroethane	0.0100	0.00932	0.00990	93.2	99.0	70.0-128			6.04	20
1,1-Dichloroethene	0.0100	0.00864	0.00934	86.4	93.4	71.0-124			7.79	20
cis-1,2-Dichloroethene	0.0100	0.00888	0.00942	88.8	94.2	73.0-120			5.90	20
trans-1,2-Dichloroethene	0.0100	0.00879	0.00966	87.9	96.6	73.0-120			9.43	20
1,2-Dichloropropane	0.0100	0.00933	0.00982	93.3	98.2	77.0-125			5.12	20
cis-1,3-Dichloropropene	0.0100	0.00882	0.00948	88.2	94.8	80.0-123			7.21	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4284668-1 10/08/25 19:42 • (LCSD) R4284668-2 10/08/25 20:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.0100	0.0100	0.0105	100	105	78.0-124			4.88	20
Ethylbenzene	0.0100	0.00962	0.0104	96.2	104	79.0-123			7.79	20
Isopropylbenzene	0.0100	0.00946	0.0100	94.6	100	76.0-127			5.55	20
p-Isopropyltoluene	0.0100	0.0103	0.0108	103	108	76.0-125			4.74	20
2-Butanone (MEK)	0.0500	0.0500	0.0506	100	101	44.0-160			1.19	20
2-Hexanone	0.0500	0.0531	0.0542	106	108	67.0-149			2.05	20
Methylene Chloride	0.0100	0.00920	0.00950	92.0	95.0	67.0-120			3.21	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.0580	0.0608	116	122	68.0-142			4.71	20
Methyl tert-butyl ether	0.0100	0.00958	0.0103	95.8	103	68.0-125			7.24	20
Naphthalene	0.0100	0.00845	0.00921	84.5	92.1	54.0-135			8.61	20
n-Propylbenzene	0.0100	0.0106	0.0115	106	115	77.0-124			8.14	20
Styrene	0.0100	0.00941	0.0100	94.1	100	73.0-130			6.08	20
tert-Butyl alcohol	0.0500	0.0467	0.0479	93.4	95.8	27.0-160			2.54	30
1,1,1,2-Tetrachloroethane	0.0100	0.00906	0.00976	90.6	97.6	75.0-125			7.44	20
1,1,2,2-Tetrachloroethane	0.0100	0.0110	0.0120	110	120	65.0-130			8.70	20
Tetrachloroethene	0.0100	0.00919	0.00973	91.9	97.3	72.0-132			5.71	20
Toluene	0.0100	0.0101	0.0104	101	104	79.0-120			2.93	20
1,1,1-Trichloroethane	0.0100	0.00873	0.00940	87.3	94.0	73.0-124			7.39	20
1,1,2-Trichloroethane	0.0100	0.0102	0.0106	102	106	80.0-120			3.85	20
Trichloroethene	0.0100	0.00875	0.00920	87.5	92.0	78.0-124			5.01	20
1,2,4-Trimethylbenzene	0.0100	0.0104	0.0109	104	109	76.0-121			4.69	20
1,3,5-Trimethylbenzene	0.0100	0.0103	0.0111	103	111	76.0-122			7.48	20
Vinyl chloride	0.0100	0.00782	0.00808	78.2	80.8	67.0-131			3.27	20
o-Xylene	0.0100	0.00945	0.00993	94.5	99.3	80.0-122			4.95	20
m&p-Xylene	0.0200	0.0200	0.0210	100	105	80.0-122			4.88	20
Xylenes, Total	0.0300	0.0295	0.0309	98.3	103	79.0-123			4.64	20
(S) Toluene-d8				*107*	*107*	*80.0-120*				
(S) 4-Bromofluorobenzene				*92.5*	*90.7*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*102*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R4285213-3 10/09/25 21:02

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000320	0.00100
Ethylbenzene	U		0.000234	0.00100
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
Toluene	U		0.000274	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
o-Xylene	U		0.000319	0.00100
m&p-Xylene	U		0.000549	0.00200
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4285213-1 10/09/25 20:02 • (LCSD) R4285213-2 10/09/25 20:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0100	0.00915	0.00897	91.5	89.7	70.0-123			1.99	20
Ethylbenzene	0.0100	0.00966	0.00952	96.6	95.2	79.0-123			1.46	20
Methyl tert-butyl ether	0.0100	0.00960	0.00939	96.0	93.9	68.0-125			2.21	20
Naphthalene	0.0100	0.00971	0.00991	97.1	99.1	54.0-135			2.04	20
Toluene	0.0100	0.00996	0.00993	99.6	99.3	79.0-120			0.302	20
1,2,4-Trimethylbenzene	0.0100	0.0110	0.0108	110	108	76.0-121			1.83	20
o-Xylene	0.0100	0.00974	0.00958	97.4	95.8	80.0-122			1.66	20
m&p-Xylene	0.0200	0.0197	0.0193	98.5	96.5	80.0-122			2.05	20
Xylenes, Total	0.0300	0.0294	0.0289	98.0	96.3	79.0-123			1.72	20
(S) Toluene-d8				*105*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.3*	*94.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*107*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R4285300-4 10/09/25 22:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000320	0.00100
sec-Butylbenzene	U		0.000355	0.00100
Ethylbenzene	U		0.000234	0.00100
Isopropylbenzene	U		0.000105	0.00100
Methyl tert-butyl ether	U		0.000357	0.00100
n-Propylbenzene	U		0.000239	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
(S) Toluene-d8	*95.7*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.0*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4285300-1 10/09/25 20:51 • (LCSD) R4285300-2 10/09/25 21:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0100	0.0103	0.0105	103	105	70.0-123			1.92	20
sec-Butylbenzene	0.0100	0.0103	0.0107	103	107	75.0-125			3.81	20
Ethylbenzene	0.0100	0.0105	0.0107	105	107	79.0-123			1.89	20
Isopropylbenzene	0.0100	0.0109	0.0107	109	107	76.0-127			1.85	20
Methyl tert-butyl ether	0.0100	0.0107	0.0110	107	110	68.0-125			2.76	20
n-Propylbenzene	0.0100	0.00995	0.0104	99.5	104	77.0-124			4.42	20
1,2,4-Trimethylbenzene	0.0100	0.0103	0.0107	103	107	76.0-121			3.81	20
(S) Toluene-d8				*101*	*99.3*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*102*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*107*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R4286295-3 10/10/25 07:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Benzene	U		0.000320	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
Carbon disulfide	U		0.000510	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
Ethylbenzene	U		0.000234	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
2-Hexanone	U		0.00580	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
tert-Butyl alcohol	U		0.00496	0.0200
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,1,1-Trichloroethane	U		0.000336	0.00100

Method Blank (MB)

(MB) R4286295-3 10/10/25 07:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
o-Xylene	U		0.000319	0.00100
m&p-Xylene	U		0.000549	0.00200
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4286295-1 10/10/25 06:07 • (LCSD) R4286295-2 10/10/25 06:27

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0472	0.0462	94.4	92.4	19.0-160	J	J	2.14	27
Benzene	0.0100	0.00903	0.00923	90.3	92.3	70.0-123			2.19	20
Bromodichloromethane	0.0100	0.00865	0.00877	86.5	87.7	75.0-120			1.38	20
Bromoform	0.0100	0.00783	0.00800	78.3	80.0	68.0-132			2.15	20
Bromomethane	0.0100	0.00663	0.00759	66.3	75.9	10.0-160			13.5	25
n-Butylbenzene	0.0100	0.0108	0.0109	108	109	73.0-125			0.922	20
sec-Butylbenzene	0.0100	0.0107	0.0109	107	109	75.0-125			1.85	20
Carbon disulfide	0.0100	0.00936	0.00962	93.6	96.2	61.0-128			2.74	20
Carbon tetrachloride	0.0100	0.00862	0.00890	86.2	89.0	68.0-126			3.20	20
Chlorobenzene	0.0100	0.00980	0.00977	98.0	97.7	80.0-121			0.307	20
Chlorodibromomethane	0.0100	0.00860	0.00873	86.0	87.3	77.0-125			1.50	20
Chloroethane	0.0100	0.0110	0.0108	110	108	47.0-150			1.83	20
Chloroform	0.0100	0.00908	0.00925	90.8	92.5	73.0-120			1.85	20
Chloromethane	0.0100	0.0107	0.0111	107	111	41.0-142			3.67	20
1,2-Dibromoethane	0.0100	0.00947	0.00957	94.7	95.7	80.0-122			1.05	20
1,1-Dichloroethane	0.0100	0.00941	0.00960	94.1	96.0	70.0-126			2.00	20
1,2-Dichloroethane	0.0100	0.00977	0.00984	97.7	98.4	70.0-128			0.714	20
1,1-Dichloroethene	0.0100	0.00903	0.00930	90.3	93.0	71.0-124			2.95	20
cis-1,2-Dichloroethene	0.0100	0.00876	0.00882	87.6	88.2	73.0-120			0.683	20
trans-1,2-Dichloroethene	0.0100	0.00908	0.00924	90.8	92.4	73.0-120			1.75	20
1,2-Dichloropropane	0.0100	0.00939	0.00954	93.9	95.4	77.0-125			1.58	20
cis-1,3-Dichloropropene	0.0100	0.00885	0.00897	88.5	89.7	80.0-123			1.35	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4286295-1 10/10/25 06:07 • (LCSD) R4286295-2 10/10/25 06:27

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.0100	0.0100	0.0101	100	101	78.0-124			0.995	20
Ethylbenzene	0.0100	0.00955	0.00975	95.5	97.5	79.0-123			2.07	20
Isopropylbenzene	0.0100	0.00983	0.0101	98.3	101	76.0-127			2.71	20
p-Isopropyltoluene	0.0100	0.0108	0.0108	108	108	76.0-125			0.000	20
2-Butanone (MEK)	0.0500	0.0475	0.0473	95.0	94.6	44.0-160			0.422	20
2-Hexanone	0.0500	0.0528	0.0530	106	106	67.0-149			0.378	20
Methylene Chloride	0.0100	0.00907	0.00930	90.7	93.0	67.0-120			2.50	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.0569	0.0569	114	114	68.0-142			0.000	20
Methyl tert-butyl ether	0.0100	0.00929	0.00933	92.9	93.3	68.0-125			0.430	20
Naphthalene	0.0100	0.00941	0.00977	94.1	97.7	54.0-135			3.75	20
n-Propylbenzene	0.0100	0.0112	0.0114	112	114	77.0-124			1.77	20
Styrene	0.0100	0.00947	0.00957	94.7	95.7	73.0-130			1.05	20
tert-Butyl alcohol	0.0500	0.0449	0.0473	89.8	94.6	27.0-160			5.21	30
1,1,1,2-Tetrachloroethane	0.0100	0.00952	0.00954	95.2	95.4	75.0-125			0.210	20
1,1,2,2-Tetrachloroethane	0.0100	0.0104	0.0104	104	104	65.0-130			0.000	20
Tetrachloroethene	0.0100	0.00936	0.00967	93.6	96.7	72.0-132			3.26	20
Toluene	0.0100	0.0100	0.0102	100	102	79.0-120			1.98	20
1,1,1-Trichloroethane	0.0100	0.00925	0.00941	92.5	94.1	73.0-124			1.71	20
1,1,2-Trichloroethane	0.0100	0.00991	0.00995	99.1	99.5	80.0-120			0.403	20
Trichloroethene	0.0100	0.00900	0.00922	90.0	92.2	78.0-124			2.41	20
1,2,4-Trimethylbenzene	0.0100	0.0109	0.0109	109	109	76.0-121			0.000	20
1,3,5-Trimethylbenzene	0.0100	0.0111	0.0111	111	111	76.0-122			0.000	20
Vinyl chloride	0.0100	0.0108	0.0112	108	112	67.0-131			3.64	20
o-Xylene	0.0100	0.00956	0.00973	95.6	97.3	80.0-122			1.76	20
m&p-Xylene	0.0200	0.0196	0.0198	98.0	99.0	80.0-122			1.02	20
Xylenes, Total	0.0300	0.0292	0.0295	97.3	98.3	79.0-123			1.02	20
(S) Toluene-d8				*106*	*107*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.2*	*96.0*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*107*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R4285821-3 10/10/25 09:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Benzene	U		0.000320	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
Carbon disulfide	U		0.000510	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
Ethylbenzene	U		0.000234	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
2-Hexanone	U		0.00580	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
tert-Butyl alcohol	U		0.00496	0.0200
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,1,1-Trichloroethane	U		0.000336	0.00100

Method Blank (MB)

(MB) R4285821-3 10/10/25 09:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
o-Xylene	U		0.000319	0.00100
m&p-Xylene	U		0.000549	0.00200
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4285821-1 10/10/25 07:40 • (LCSD) R4285821-2 10/10/25 08:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0469	0.0498	93.8	99.6	19.0-160	J	J	6.00	27
Benzene	0.0100	0.0104	0.0103	104	103	70.0-123			0.966	20
Bromodichloromethane	0.0100	0.0113	0.0113	113	113	75.0-120			0.000	20
Bromoform	0.0100	0.00974	0.00975	97.4	97.5	68.0-132			0.103	20
Bromomethane	0.0100	0.00217	0.00266	21.7	26.6	10.0-160	J	J	20.3	25
n-Butylbenzene	0.0100	0.00957	0.00849	95.7	84.9	73.0-125			12.0	20
sec-Butylbenzene	0.0100	0.0100	0.0100	100	100	75.0-125			0.000	20
Carbon disulfide	0.0100	0.00978	0.00980	97.8	98.0	61.0-128			0.204	20
Carbon tetrachloride	0.0100	0.0108	0.0108	108	108	68.0-126			0.000	20
Chlorobenzene	0.0100	0.0102	0.00990	102	99.0	80.0-121			2.99	20
Chlorodibromomethane	0.0100	0.0111	0.0107	111	107	77.0-125			3.67	20
Chloroethane	0.0100	0.00892	0.00879	89.2	87.9	47.0-150			1.47	20
Chloroform	0.0100	0.0108	0.0108	108	108	73.0-120			0.000	20
Chloromethane	0.0100	0.0107	0.0109	107	109	41.0-142			1.85	20
1,2-Dibromoethane	0.0100	0.0101	0.0103	101	103	80.0-122			1.96	20
1,1-Dichloroethane	0.0100	0.0105	0.0102	105	102	70.0-126			2.90	20
1,2-Dichloroethane	0.0100	0.0113	0.0112	113	112	70.0-128			0.889	20
1,1-Dichloroethene	0.0100	0.0100	0.0102	100	102	71.0-124			1.98	20
cis-1,2-Dichloroethene	0.0100	0.0103	0.0100	103	100	73.0-120			2.96	20
trans-1,2-Dichloroethene	0.0100	0.0100	0.00983	100	98.3	73.0-120			1.71	20
1,2-Dichloropropane	0.0100	0.0112	0.0109	112	109	77.0-125			2.71	20
cis-1,3-Dichloropropene	0.0100	0.0106	0.0106	106	106	80.0-123			0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4285821-1 10/10/25 07:40 • (LCSD) R4285821-2 10/10/25 08:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.0100	0.0103	0.0104	103	104	78.0-124			0.966	20
Ethylbenzene	0.0100	0.0104	0.0102	104	102	79.0-123			1.94	20
Isopropylbenzene	0.0100	0.0106	0.0103	106	103	76.0-127			2.87	20
p-Isopropyltoluene	0.0100	0.0103	0.00987	103	98.7	76.0-125			4.26	20
2-Butanone (MEK)	0.0500	0.0608	0.0629	122	126	44.0-160			3.40	20
2-Hexanone	0.0500	0.0529	0.0540	106	108	67.0-149			2.06	20
Methylene Chloride	0.0100	0.00882	0.00888	88.2	88.8	67.0-120			0.678	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.0595	0.0586	119	117	68.0-142			1.52	20
Methyl tert-butyl ether	0.0100	0.0106	0.0106	106	106	68.0-125			0.000	20
Naphthalene	0.0100	0.00852	0.0104	85.2	104	54.0-135			19.9	20
n-Propylbenzene	0.0100	0.00999	0.0112	99.9	112	77.0-124			11.4	20
Styrene	0.0100	0.00962	0.0100	96.2	100	73.0-130			3.87	20
tert-Butyl alcohol	0.0500	0.0534	0.0550	107	110	27.0-160			2.95	30
1,1,1,2-Tetrachloroethane	0.0100	0.0113	0.0109	113	109	75.0-125			3.60	20
1,1,2,2-Tetrachloroethane	0.0100	0.00981	0.0111	98.1	111	65.0-130			12.3	20
Tetrachloroethene	0.0100	0.0105	0.0103	105	103	72.0-132			1.92	20
Toluene	0.0100	0.00979	0.00953	97.9	95.3	79.0-120			2.69	20
1,1,1-Trichloroethane	0.0100	0.0110	0.0109	110	109	73.0-124			0.913	20
1,1,2-Trichloroethane	0.0100	0.0106	0.0106	106	106	80.0-120			0.000	20
Trichloroethene	0.0100	0.0111	0.0109	111	109	78.0-124			1.82	20
1,2,4-Trimethylbenzene	0.0100	0.0101	0.0104	101	104	76.0-121			2.93	20
1,3,5-Trimethylbenzene	0.0100	0.0103	0.0115	103	115	76.0-122			11.0	20
Vinyl chloride	0.0100	0.00829	0.00827	82.9	82.7	67.0-131			0.242	20
o-Xylene	0.0100	0.00948	0.0100	94.8	100	80.0-122			5.34	20
m&p-Xylene	0.0200	0.0215	0.0210	108	105	80.0-122			2.35	20
Xylenes, Total	0.0300	0.0310	0.0310	103	103	79.0-123			0.000	20
(S) Toluene-d8				*99.1*	*99.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*100*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*102*	*104*	*70.0-130*				

Method Blank (MB)

(MB) R4285958-3 10/11/25 22:05

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000320	0.00100
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*90.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4285958-1 10/11/25 20:50 • (LCSD) R4285958-2 10/11/25 21:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0100	0.00847	0.00839	84.7	83.9	70.0-123			0.949	20
(S) Toluene-d8				*95.6*	*96.0*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.9*	*96.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*101*	*95.8*	*70.0-130*				

Method Blank (MB)

(MB) R4286977-1 10/13/25 17:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ethylene Dibromide	U		0.00000550	0.0000200

L1905188-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1905188-18 10/13/25 17:47 • (DUP) R4286977-3 10/13/25 17:37

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ethylene Dibromide	U	U	1.12	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4286977-4 10/13/25 19:26 • (LCSD) R4286977-5 10/13/25 21:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.000250	0.000216	0.000206	86.4	82.4	60.0-140			4.74	20

L1905188-19 Original Sample (OS) • Matrix Spike (MS)

(OS) L1905188-19 10/13/25 17:28 • (MS) R4286977-2 10/13/25 17:18

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.000101	U	0.000117	116	1.01	64.0-159	

Method Blank (MB)

(MB) R4287207-1 10/14/25 06:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*89.5*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4287207-2 10/14/25 06:55 • (LCSD) R4287207-3 10/14/25 07:15

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	U	U	0.000	0.000	50.0-150	J4	J4	0.000	20
(S) o-Terphenyl				*92.5*	*88.0*	*52.0-156*				

Method Blank (MB)

(MB) R4286563-1 10/13/25 20:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*103*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4286563-2 10/13/25 20:58 • (LCSD) R4286563-3 10/13/25 21:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.51	1.49	101	99.3	50.0-150			1.33	20
(S) o-Terphenyl				*171*	*166*	*52.0-156*	J1	J1		

Method Blank (MB)

(MB) R4287528-1 10/14/25 16:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*70.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4287528-2 10/14/25 16:32 • (LCSD) R4287528-3 10/14/25 16:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.35	1.42	90.0	94.7	50.0-150			5.05	20
(S) o-Terphenyl				*95.5*	*99.5*	*52.0-156*				

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4287862-2 10/15/25 22:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*100*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R4287862-1 10/15/25 22:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) High Fraction	1.50	1.58	105	50.0-150	
(S) o-Terphenyl			*91.5*	*52.0-156*	

L1906854-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906854-03 10/17/25 03:24 • (MS) R4288285-1 10/17/25 03:47 • (MSD) R4288285-2 10/17/25 04:09

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.43	1.06	2.41	2.46	94.4	97.9	1	50.0-150			2.05	20
(S) o-Terphenyl					*100*	*97.9*		*52.0-156*				

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Method Blank (MB)

(MB) R4289072-1 10/18/25 20:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*123*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R4289072-2 10/18/25 21:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) High Fraction	1.50	1.71	114	50.0-150	
(S) o-Terphenyl			*146*	*52.0-156*	

L1907604-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1907604-05 10/19/25 23:20 • (MS) R4289677-1 10/19/25 19:24 • (MSD) R4289677-2 10/19/25 19:44

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.43	0.0950	1.58	1.64	104	108	1	50.0-150			3.73	20
(S) o-Terphenyl					*143*	*145*		*52.0-156*				

Method Blank (MB)

(MB) R4288332-1 10/16/25 17:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*106*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4288332-2 10/16/25 17:41 • (LCSD) R4288332-3 10/16/25 18:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.62	1.68	108	112	50.0-150			3.64	20
(S) o-Terphenyl				*170*	*171*	*52.0-156*	J1	J1		

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4288577-1 10/16/25 12:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	0.329		0.0605	0.100
(S) o-Terphenyl	*78.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4288577-2 10/16/25 12:38 • (LCSD) R4288577-3 10/16/25 12:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.59	1.60	106	107	50.0-150			0.627	20
(S) o-Terphenyl				*103*	*103*	*52.0-156*				

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Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.

Qualifier	Description
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SHIPMENT 1

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	Pres Chk
Report to: Julie Speer	Email To: jspeer@trccompanies.com	
Project Description: Artesia Fall 2025	City/State Collected: Artesia, NM	
Phone: 512-684-3170 Fax:	Client Project # 646047.0000.0000	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)	P.O. # 229939
Collected by (signature): Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	Quote # Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3 <2	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3 <2				Remarks	Sample # (lab only)
~~MW-85~~	Grab	GW				~~10~~	x	x	x	x	x	x					NOT SAMPLED; LOW PSI	
MW-86	Grab	GW				10	x	x	x		x	x	x				-04	
MW-120	Grab	GW		10/7/25	935	10	x	x	x	x	x	x					-01 ~~-02~~	
MW-121	Grab	GW		10/7/25	1015	7		x	x	x	x	x					~~-02~~ - ~~03~~	
MW-84	Grab	GW		10/7/25	855	7		x	x	x	x	x					-03	
MW-122	Grab	GW		10/7/25	1055	7		x	x	x	x	x					-04	
MW-79	Grab	GW		10/7/25	1135	7		x	x	x	x	x					-05	
MW-74	Grab	GW		10/7/25	1230	7		x	x	x	x	x					-06	
MW-2A	Grab	GW		10/7/25	1330	7		x	x	x	x	x					-07	
OCD-6	Grab	GW		10/7/25	1425	7		x	x	x	x	x					-08	

Chain of Custody Page 1 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1905630

Table K064

Acctnum: TRCATX
Template: T281603
Prelogin: P1181177
TSR: 526
PB:
Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:
Cations are being analyzed with Total Metals except where noted.

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # MVH

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date: 10/7/25	Time: 1700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	Preservation Correct/Checked:
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: MVH °C Bottles Received: 583	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/8/25 Time: 0930	Hold: Condition: NCF / OK

SHIPPED

| | | |

| | | |

Shipment

Chain of Custody Page 4 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L905636

Table #

Acctnum: TRCATX

Template: T281606

Prelogin: P1181187

TSR: 526

PB:

Shipped Via:

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature): GU

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Remarks	Sample # (lab only)
MW-7A	Grab	GW		10/7/25	1035	10	x	x	x	x	x	x		-17	
OCD-8A	Grab	GW		10/7/25	940	7		x	x		x	x	x	-18	
DUP-EP-01	Grab	GW		10/7/25	1100	10	x	x	x	x	x	x		-19	
DUP-EP-02	Grab	GW		10/7/25	1200	7		x	x	x	x	x		-20	
DUP-EP-03	Grab	GW				7		x	x	x	x	x			
EB-EP-03	Grab	GW		10/7/25	1145	7		x	x	x	x	x		-21	
TRIP BLANK-EP-02	Grab	GW		10/7/25	—	1	x							-22	

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # MULT

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	10/7/25	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: MULT °C Bottles Received: 563

Date: 10/8/25 Time: 0930

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Shipment 1

| | | |

Shipment 1

| | | |

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 7 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L905636

Table #

Acctnum: TRCATX

Template: T281625

Prelogin: P1181218

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3 <2	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3 <2	EDB 8011 - 40mlClr-NaThio			Remarks	Sample # (lab only)
MW-113	Grab	GW				10	x	x	x	x	x	x						
KWB-8	Grab	GW				8	x	x			x	x	x					
MW-133	Grab	GW				10	x	x	x	x	x	x						
MW-134	Grab	GW				10	x	x	x		x	x	x					
RA-4196R	Grab	GW				6	x			(x)	x	x					Only Cats.	
KWB-7	Grab	GW		10/7/25	1310	8	x	x			x	x	x					-33
NP-1	Grab	GW				3	x											
MW-21	Grab	GW				13	x	x	x	x	x	x		x				
MW-151	Grab	GW				7	x	x	x									
MW-152	Grab	GW				7	x	x	x									

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	10/7/25	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 563	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/8/25 Time: 0930	Hold: Condition: NCF / OK

Shipment

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature): Immediately
Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Chain of Custody Page 8 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LA05636

Table #

Acctnum: TRCATX

Template: T281625

Prelogin: P1181218

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF 250mlHDPE-HNO3			Remarks	Sample # (lab only)
MW-153	Grab	GW				7	x	x	x									
MW-154	Grab	GW				7	x	x	x									
MW-155	Grab	GW				7	x	x	x									
MW-156	Grab	GW				7	x	x	x									
KWB-11A	Grab	GW		10/7/25	1220	10	x	x	x		x	x	x					-24
KWB-11B	Grab	GW		10/7/25	1140	10	x	x	x		x	x	x					-35
MW-115	Grab	GW		10/7/25	840	11	x	x	x		x	x	x	x				-36
MW-114	Grab	GW		10/7/25	925	11	x	x	x		x	x	x	x				-37
MW-125	Grab	GW		10/7/25	1025	11	x	x	x		x	x	x	x				-38
DUP-REST-01						10	x	x	x	x	x	x						

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
___ UPS ✓ FedEx ___ Courier _____

Tracking # MwH

Sample Receipt Checklist
COC Seal Present/Intact: NP ✓Y ___N
COC Signed/Accurate: ✓Y ___N
Bottles arrive intact: ✓Y ___N
Correct bottles used: ✓Y ___N
Sufficient volume sent: ✓Y ___N
If Applicable
VOA Zero Headspace: ✓Y ___N
Preservation Correct/Checked: ✓Y ___N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	10/7/25	1700	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Evelyn Orm

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: MwH °C Bottles Received: 563

Date: 10/8/25 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

SHIPMENT 1

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	Pres Chk
Report to: Julie Speer	Email To: jspeer@trccompanies.com	
Project Description: Artesia Fall 2025	City/State Collected: Artesia, NM	
Phone: 512-684-3170 Fax:	Client Project # 646047.0000.0000	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)	P.O. # 229939
Collected by (signature):	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	Quote # Date Results Needed
Immediately Packed on Ice N ___ Y ✓		

Chain of Custody Page 9 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L905%

Table #

Acctnum: TRCATX

Template: T281625

Prelogin: P1181218

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Remarks	Sample # (lab only)
EB-REST-01	Grab	GW				10	x	x	x	x	x	x			
DUP-REST-03	Grab	GW				10	x	x	x		x	x	x		
EB-REST-03	Grab	GW				10	x	x	x		x	x	x		
TRIP BLANK-REST-01	Grab	GW				1	x								
TRIP BLANK-TMD-01	Grab	GW				1	x								

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # MVLI

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
~~Preservation Correct/Checked:~~		Y N

Relinquished by : (Signature)	Date: 10/7/25	Time: 1700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: MVLI: 563
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/8/25 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

SHIPMENT 1

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature):
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 10 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1905636

Table #

Acctnum: TRCATX
Template: T281630
Prelogin: P1181248
TSR: 526
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3 <2	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3 <2	Diss. RO Metals-FF 250mlHDPE-HNO3 <2	8270DIOXANE - 100mlAmb-NoPres	EDB - SV8011 - 40mlClr-NaThio	Remarks	Sample # (lab only)
MW-117	Grab	GW				11	x	x	x		x	x	x	x				
MW-118	Grab	GW				11	x	x	x		x	x	x	x				
MW-119	Grab	GW				11	x	x	x		x	x	x	x				
MW-136	Grab	GW		10/7/25	850	10	x	x	x		x	x	x					-39
MW-126A	Grab	GW				10	x	x	x	x	x	x						
MW-126B	Grab	GW		10/7/25	1430	10	x	x	x	x	x	x						-40
MW-160	Grab	GW		10/7/25	1345	7	x	x	x									-41
MW-161	Grab	GW		10/7/25	1245	10	x	x	x							x		-42
MW-162	Grab	GW		10/7/25	1155	4				(x)	x	x		x			Cation only	-43
MW-127	Grab	GW				15	x	x	x	x	x	x			x	x		

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: __ NP ✓ Y __ N
COC Signed/Accurate: ✓ Y __ N
Bottles arrive intact: ✓ Y __ N
Correct bottles used: ✓ Y __ N
Sufficient volume sent: ✓ Y __ N
If Applicable
VOA Zero Headspace: ✓ Y __ N
~~Preservation Correct/Checked:~~ __ Y __ N

	Date:	Time:		
Relinquished by : (Signature)	10/7/25	1700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: M-IR °C Bottles Received: 563
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/8/25 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

SHIPMENT 1

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb-HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	8270DIOXANE - 100ml Amb-NoPres	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
KWB-1A	Grab	GW				8	x	x			x	x	x					
KWB-10R	Grab	GW				10	x	x		x	x	x		x				
MW-131	Grab	GW				10	x	x	x	x	x	x						
KWB-5	Grab	GW				8	x	x		x	x	x						
MW-111	Grab	GW				15	x	x	x	x	x	x		x	x			
KWB-6	Grab	GW				13	x	x		x	x	x		x	x			
MW-112	Grab	GW				10	x	x	x	x	x	x						
MW-132	Grab	GW				10	x	x	x	x	x	x						
MW-57	Grab	GW				10	x	x	x	x	x	x						
KWB-12A	Grab	GW				10	x	x	x		x	x	x					

Analysis / Container / Preservative

Chain of Custody Page 11 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1905636

Table #

Acctnum: TRCATX

Template: T281630

Prelogin: P1181248

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
~~Preservation Correct/Checked:~~ ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	10/7/25	1700	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: Multi °C Bottles Received: 563

Date: 10/8/25 Time: 0930

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

SHIPMENT 1

utions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF 250mlHDPE-HNO3	Cations 250mlHDPE-HNO3		Remarks	Sample # (lab only)
KWB-12B	Grab	GW				10	x	x	x		x	x	x					
KWB-2R	Grab	GW				8	x	x		x	x	x						
MW-58	Grab	GW				8	x	x			x	x	x					
MW-149	Grab	GW				8	x	x		x	x	x						
MW-150	Grab	GW				8	x	x		x	x	x						
MW-142	Grab	GW		10/7/25	940	4					x	x	x	x				-44
MW-143	Grab	GW		10/7/25	1025	4					x	x	x	x				-45
MW-163	Grab	GW		10/7/25	1105	4					x	x		x	x			-46
DUP-REST-05	Grab	GW				10	x	x	x		x	x	x					
EB-REST-05	Grab	GW				10	x	x	x		x	x	x					

Chain of Custody Page 12 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1905636

Table #

Acctnum: TRCATX

Template: T281630

Prelogin: P1181248

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	10/7/25	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No HCL / MeoH TBR

Temp: Multi °C Bottles Received: 563

Date: 10/8/25 Time: 0930

If preservation required by Login: Date/Time

Hold: Condition

SHIPMENT 1

Chain of Custody Page 13 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1905636

Table #

Acctnum: TRCATX

Template: T281630

Prelogin: P1181248

TSR: 526

PB:

Shipped Via:

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Fall 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # 646047.0000.0000
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature): Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
	Lab Project # TRCATX-ARTESIA
	P.O. # 229939
	Quote #
	Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals-FF 250mlHDPE-HNO3	Cations 250mlHDPE-HNO3	Remarks	Sample # (lab only)
TRIP BLANK-REST-02	Grab	GW				1	x											

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: ___ UPS ✓ FedEx ___ Courier _____

Tracking # MVLH

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Relinquished by : (Signature)	Date: 10/7/25	Time: 1700	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: MLH °C Bottles Received: 563
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Dugan	Date: 10/8/25 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	Pres Chk
Report to: Julie Speer	Email To: jspeer@trccompanies.com	
Project Description: Artesia Fall 2025	City/State Collected: Artesia, NM	
Phone: 512-684-3170 Fax:	Client Project # 646047.0000.0000	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)	P.O. # 229939
Collected by (signature):	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	Quote #
Immediately Packed on Ice N___ Y✓	Date Results Needed	

Chain of Custody Page 14 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L905636

Table #

Acctnum: TRCATX

Template: T281633

Prelogin: P1181283

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF250mlHDPE-HNO3	8270DIOXANE - 100mlAmb-NoPres	EDB - SV8011 - 40mlClr-NaThio	Remarks	Sample # (lab only)
MW-104	Grab	GW		10/7/25	1140	10	x	x	x	x	x	x						-47
MW-64	Grab	GW		10/7/25	1055	10	x	x	x	x	x	x						-48
MW-65	Grab	GW				10	x	x	x	x	x	x						
MW-102	Grab	GW		10/7/25	1230	10	x	x	x	x	x	x						-49
MW-99	Grab	GW				10	x	x	x	x	x	x						
MW-66	Grab	GW				10	x	x	x		x	x	x					
MW-28	Grab	GW				12	x	x	x		x	x	x		x			
MW-60	Grab	GW				15	x	x	x		x	x	x		x	x		
MW-128	Grab	GW				12	x	x	x	x	x	x			x			
MW-116	Grab	GW		10/7/25	925	11	x	x	x		x	x	x	x				-50

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__UPS ✓FedEx __Courier _____

Tracking # Multi

Sample Receipt Checklist

COC Seal Present/Intact:	NP	✓Y __N
COC Signed/Accurate:		✓Y __N
Bottles arrive intact:		✓Y __N
Correct bottles used:		✓Y __N
Sufficient volume sent:		✓Y __N
If Applicable		
VOA Zero Headspace:		✓Y __N
Preservation Correct/Checked:		✓Y __N

Relinquished by: (Signature)	Date: 10/7/25	Time: 1700	Received by: (Signature)	Trip Blank Received: (Yes) No HCL / MeoH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 563
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Evelyn Olguin	Date: 10/8/25 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

| | | |

SHIPMENT

Chain of Custody Page 16 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 4905636

Table #

Acctnum: TRCATX

Template: T281633

Prelogin: P1181283

TSR: 526

PB:

Shipped Via:

Company / Address	Billing Information	Pres Chk
TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	

Report to:	Email To:
Julie Speer	jspeer@trccompanies.com

Project Description:	City/State Collected:
Artesia Fall 2025	Artesia, NM

Phone: / Fax:	Client Project #	Lab Project #
512-684-3170	646047.0000.0000	TRCATX-ARTESIA

Collected by (print):	Site/Facility ID #	P.O. #
Scott Ude/HMI Team	(Navajo - Artesia)	229939

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Cyanide - 250mlHDPEAmb-NaOH	Cl, F, SO4 - 125mlHDPE-NoPres	Remarks	Sample # (lab only)
DUP-REST-04	Grab	GW				10	x	x	x	x	x				x		
EB-REST-04	Grab	GW				10	x	x	x	x	x				x		
TRIP BLANK-REST-03	Grab	GW		10/7/25	—	1	x										-55

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
___ UPS ✓ FedEx ___ Courier ___

Tracking # Multi

Sample Receipt Checklist
COC Seal Present/Intact: NP ✓Y ___N
COC Signed/Accurate: ✓Y ___N
Bottles arrive intact: ✓Y ___N
Correct bottles used: ✓Y ___N
Sufficient volume sent: ✓Y ___N
If Applicable
VOA Zero Headspace: ✓Y ___N
Preservation Correct/Checked: ✓Y ___N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	10/7/25	1700	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Emily Ogan

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: MULTI °C Bottles Received: 563

Date: 10/8/25 Time: 0730

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

SHIPMENT 1

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature):
Immediately Packed on Ice N ____ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	8270DIOXANE-100ml Amb-NoPres	SVOCs - 100ml Amb-NoPres		Remarks	Sample # (lab only)
MW-101	Grab	GW		10/7/25	1015	10	x	x	x	x	x	x						-56
MW-105	Grab	GW		10/7/25	1135	10	x	x	x	x	x	x						-57
MW-61	Grab	GW				12	x	x	x	x	x	x			x			
~~MW-62~~	~~Grab~~	~~GW~~				~~12~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~			~~x~~		NOT SAMPLED; LNAPL	
MW-43	Grab	GW				14	x	x	x		x	x	x	x	x			
MW-137	Grab	GW				12	x	x	x		x	x	x		x			
MW-138	Grab	GW				14	x	x	x		x	x	x	x	x			
~~MW-23~~	~~Grab~~	~~GW~~				~~14~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~		~~x~~	~~x~~		NOT SAMPLED; LNAPL	
TEL-4	Grab	GW		10/7/25	1225	10	x	x	x	x	x	x						-58

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # MWH

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	10/7/25	1700	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Ong

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: MWH °C Bottles Received: 563

Date: 10/8/25 Time: 0930

Sample Receipt Checklist
COC Seal Present/Intact: NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y N
Preservation Correct/Checked: ✓Y __N

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 17 of 22

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L905636

Table #

Acctnum: TRCATX

Template: T281653

Prelogin: P1181392

TSR: 526

PB:

Shipped Via:

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	Pres Chk
Report to: Julie Speer	Email To: jspeer@trccompanies.com	
Project Description: Artesia Fall 2025	City/State Collected: Artesia, NM	
Phone: 512-684-3170 Fax:	Client Project # 646047.0000.0000	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)	P.O. # 229939
Collected by (signature):	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	Quote #
Immediately Packed on Ice N___ Y___	Date Results Needed	No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260CXY - 40mlAmb HCl	DRO_LVL - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF 250mlHDPE-HNO3	8270DIOXANE-100ml Amb-NoPres	EDB - 8011 - 40mlClr-NaThio	Remarks	Sample # (lab only)
TEL-3	Grab	GW				10	x	x	x	x	x	x						
TEL-2	Grab	GW				10	x	x	x	x	x	x						
TEL-1	Grab	GW				10	x	x	x	x	x	x						
MW-39	Grab	GW				12	x	x	x	x	x	x			x			
MW-98	Grab	GW				10	x	x	x	x	x	x						
MW-40	Grab	GW				6					x	x	x	x	x			
MW-29	Grab	GW				14	x	x	x		x	x	x	x		x		
MW-56	Grab	GW		10/7/25	1055	4					x	x	x	x				-59
MW-49	Grab	GW		10/7/25	935	10	x	x	x		x	x	x					-60

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: ✓ UPS ___ FedEx ___ Courier ___

Tracking # Mush

Chain of Custody Page 18 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L905676

Table #

Acctnum: TRCATX

Template: T281653

Prelogin: P1181392

TSR: 526

PB:

Shipped Via:

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y ✓ N
COC Signed/Accurate:		Y ✓ N
Bottles arrive intact:		Y ✓ N
Correct bottles used:		Y ✓ N
Sufficient volume sent:		Y ✓ N
If Applicable		
VOA Zero Headspace:		Y N
~~Preservation Correct/Checked:~~		Y N

Relinquished by : (Signature)	Date: 10/7/25	Time: 1700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: Multi °C Bottles Received: 583
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Exton Angus	Date: 10/8/25 Time: 0930

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 19 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1905636

Table #

Acctnum: TRCATX

Template: T281653

Prelogin: P1181392

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	EDB - 8011 - 40mlClr-NaThio			Remarks	Sample # (lab only)
MW-106	Grab	GW		10/7/25	940	10	x	x	x	x	x	x						-61
MW-45	Grab	GW		10/7/25	855	8	x	x			x	x	x					-62
MW-157	Grab	GW		10/7/25	1100	7	x	x	x									-63
MW-158	Grab	GW		10/7/25	1025	10	x	x	x					x				-64
MW-159	Grab	GW		10/7/25	905	7	x	x	x									-65
DUP-TEL-01	Grab	GW		10/7/25	1100	10	x	x	x	x	x	x						-66
EB-TEL-01	Grab	GW		10/7/25	1250	10	x	x	x	x	x	x						-67
TRIP BLANK-REST-04	Grab	GW		10/7/25	—	1	x											-68
TRIP BLANK-TEL-01	Grab	GW		10/7/25	—	1	x											-69
						2	CO	10/8/25										

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # MuH

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
~~Preservation Correct/Checked:~~ ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	10/7/25	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: MuH °C Bottles Received: 563	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/8/25 Time: 0930	Hold: Condition: NCF / OK

Shipment 1

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Fall 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # 646047.0000.0000
	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
	P.O. # 229939
Collected by (signature):	Quote #

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 20 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L905636

Table #

Acctnum: TRCATX

Template: T281654

Prelogin: P1181393

TSR: 526

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	SVOCs-100mlAmb-NoPres	8270DIOXANE-100mlAmb-NoPres		Remarks	Sample # (lab only)
MW-139	Grab	GW		10/7/25	1120	10	x	x	x	x	x	x						-70
MW-50	Grab	GW		10/7/25	1200	8	x	x		x	x	x						-71
MW-97	Grab	GW				12	x	x	x	x	x	x		x				
MW-92	Grab	GW				12	x	x	x	x	x	x			x			
MW-91	Grab	GW				12	x	x	x	x	x	x			x			
MW-90	Grab	GW		10/7/25	1240	10	x	x	x	x	x	x						-72
MW-96	Grab	GW				10	x	x	x	x	x	x						
MW-94	Grab	GW				12	x	x	x	x	x	x			x			
MW-67	Grab	GW				12	x	x	x		x	x	x		x			
NCL-34A	Grab	GW				8	x	x		x	x	x						

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # MxH

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date: 10/7/25	Time: 1700	Received by: (Signature)	Temp: MxH °C Bottles Received: 563
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/8/25 Time: 0930

Hold: Condition: NCF / OK

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com
Report to: Julie Speer	Email To: jspeer@trccompanies.com
Project Description: Artesia Fall 2025	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project # 646047.0000.0000
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)
Collected by (signature): Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day Date Results Needed
	Lab Project # TRCATX-ARTESIA
	P.O. # 229939
	Quote #

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF 250mlHDPE-HNO3			Remarks	Sample # (lab only)
NCL-33	Grab	GW				8	x	x		x	x	x						
NCL-44	Grab	GW				8	x	x		x	x	x						
NCL-32	Grab	GW				8	x	x		x	x	x						
MW-108	Grab	GW		10/7/25	1320	8	x	x		x	x	x						-73
NCL-31	Grab	GW		10/7/25	1400	8	x	x		x	x	x						-74
MW-55	Grab	GW				11	x	x	x		x	x	x	x				
MW-54A	Grab	GW		10/7/25	1025	8	x	x		x	x	x						-75
NCL-49	Grab	GW		10/7/25	910	8	x	x		x	x	x						-76
DUP-NCL-01	Grab	GW		10/7/25	1000	8	x	x		x	x	x						-77
EB-NCL-01	Grab	GW		10/7/25	930	8	x	x		x	x	x						-78

Chain of Custody Page 21 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1905636

Table #

Acctnum: TRCATX

Template: T281654

Prelogin: P1181393

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking # MVH

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
~~Preservation Correct/Checked~~: ✓Y __N

	Date:	Time:		
Relinquished by: (Signature)	10/7/25	1700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MVH °C Bottles Received: 563 — If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Ernston Chyn	Date: 10/8/25 Time: 0930 — Hold: — Condition: NCF / (OK)

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095 apinvoiceapproval@trcsolutions.com	Pres Chk
Report to: Julie Speer	Email To: jspeer@trccompanies.com	
Project Description: Artesia Fall 2025	City/State Collected: Artesia, NM	
Phone: 512-684-3170 Fax:	Client Project # 646047.0000.0000	Lab Project # TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team	Site/Facility ID # (Navajo - Artesia)	P.O. # 229939
Collected by (signature):	*Rush?* (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	Quote #
Immediately Packed on Ice N ___ Y ✓	Date Results Needed	

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3 <2	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3 <2				Remarks	Sample # (lab only)
TRIP BLANK-NCL-01	Grab	GW		10/7/25	—	1	x											-79

Chain of Custody Page 22 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L905636

Table #

Acctnum: TRCATX

Template: T281654

Prelogin: P1181393

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # MuH

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

	Date:	Time:		
Relinquished by : (Signature)	10/7/25	1700	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: MuH °C Bottles Received: 563
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Easton Dyer	Date: 10/8/25 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

DC#_Title: Excel Form Template

Effective Date:

Multiple Parcel Form

L# L1905636

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
7919 6489 4667	TLA9	2.1	-0.1	2.0	Yes / No / Not Present
7919 6483 9067		2.4		2.3	Yes / No / Not Present
7919 6490 7947		0.3		0.2	Yes / No / Not Present
7919 6483 8932		2.4		2.3	Yes / No / Not Present
7919 6489 4483		1.1		1.0	Yes / No / Not Present
7919 6482 9191		0.9		0.8	Yes / No / Not Present
7919 6483 8104		1.6		1.5	Yes / No / Not Present
7919 6489 ~~4770~~ 4770		0.9		0.8	Yes / No / Not Present
7919 6489 4406		3.8		3.7	Yes / No / Not Present
7919 6482 9261		0.9		0.8	Yes / No / Not Present
7919 6482 9364		3.9		3.8	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Evelyn Organ

Name

10/8/25

Date

ANALYTICAL REPORT

November 12, 2025

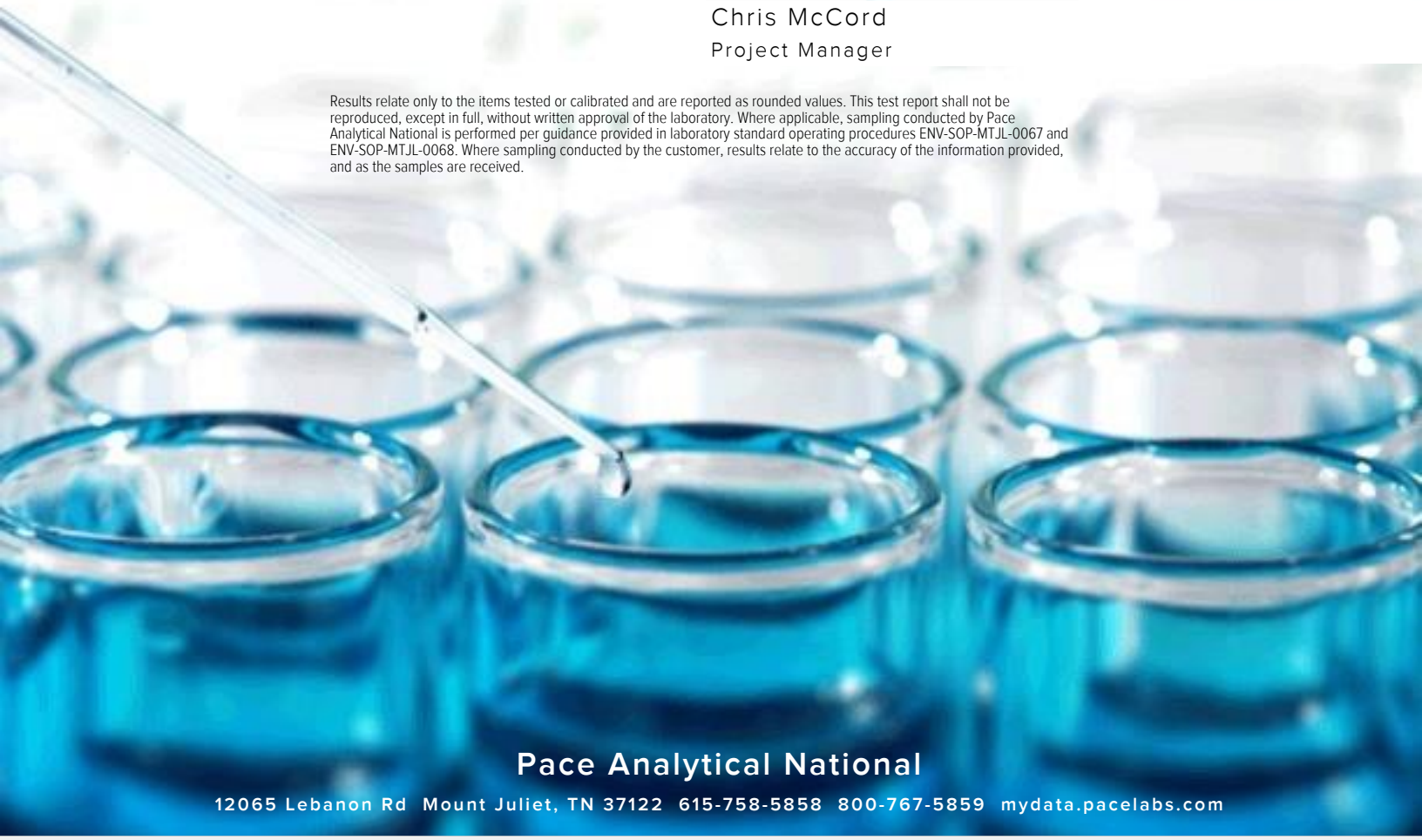
TRC Solutions - Austin, TX

Sample Delivery Group:	L1906275
Samples Received:	10/09/2025
Project Number:	646047.0000.0000
Description:	Artesia Fall 2025
Site:	(NAVAJO - ARTESIA)
Report To:	Julie Speer
	505 E. Huntland Dr, Ste 250
	Austin, TX 78752

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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OCD-7AR L1906275-01

Collected by	Collected date/time	Received date/time
	10/08/25 08:55	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618147	1	10/11/25 00:08	10/11/25 17:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 01:02	10/10/25 01:02	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	100	10/10/25 01:13	10/10/25 01:13	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 18:37	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	10	10/09/25 21:55	10/28/25 21:23	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617770	1	10/10/25 19:40	10/10/25 19:40	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 02:34	ENR	Mt. Juliet, TN

MW-130 L1906275-02

Collected by	Collected date/time	Received date/time
	10/08/25 13:25	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618147	1	10/11/25 00:08	10/11/25 17:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 07:20	10/10/25 07:20	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 18:41	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617770	1	10/10/25 20:00	10/10/25 20:00	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 06:22	10/11/25 06:22	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 02:59	ENR	Mt. Juliet, TN

MW-76 L1906275-03

Collected by	Collected date/time	Received date/time
	10/08/25 10:40	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618147	1	10/11/25 00:08	10/11/25 17:34	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 07:42	10/10/25 07:42	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	100	10/10/25 07:53	10/10/25 07:53	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 18:44	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	10	10/09/25 21:55	10/28/25 21:26	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617770	1	10/10/25 20:20	10/10/25 20:20	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 09:27	ENR	Mt. Juliet, TN

MW-75 L1906275-04

Collected by	Collected date/time	Received date/time
	10/08/25 11:30	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 08:25	10/10/25 08:25	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	100	10/10/25 08:36	10/10/25 08:36	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 18:47	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	10	10/09/25 21:55	10/28/25 21:30	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617770	1	10/10/25 20:41	10/10/25 20:41	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	5	10/10/25 13:10	10/16/25 07:19	ENR	Mt. Juliet, TN

MW-83 L1906275-05

Collected by	Collected date/time	Received date/time
	10/08/25 12:10	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 08:47	10/10/25 08:47	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	100	10/10/25 08:58	10/10/25 08:58	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 19:02	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	10	10/09/25 21:55	10/28/25 21:33	TMT	Mt. Juliet, TN

MW-83 L1906275-05

Collected by | Collected date/time 10/08/25 12:10 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2617770	1	10/10/25 21:00	10/10/25 21:00	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/16/25 01:40	ENR	Mt. Juliet, TN

MW-3 L1906275-06

Collected by | Collected date/time 10/08/25 09:45 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 02:07	10/10/25 02:07	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	100	10/10/25 02:18	10/10/25 02:18	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 19:05	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	10	10/09/25 21:55	10/28/25 21:36	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2621324	1	10/16/25 00:20	10/16/25 00:20	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 08:39	ENR	Mt. Juliet, TN

MW-123 L1906275-07

Collected by | Collected date/time 10/08/25 10:30 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 02:50	10/10/25 02:50	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	100	10/10/25 03:01	10/10/25 03:01	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 19:11	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	10	10/09/25 21:55	10/28/25 21:40	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617770	1	10/10/25 21:41	10/10/25 21:41	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 03:23	ENR	Mt. Juliet, TN

DUP-EP-03 L1906275-08

Collected by | Collected date/time 10/08/25 09:00 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 01:24	10/10/25 01:24	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	100	10/10/25 01:35	10/10/25 01:35	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 19:15	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	10	10/09/25 21:55	10/28/25 21:43	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617770	1	10/10/25 22:01	10/10/25 22:01	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 08:14	ENR	Mt. Juliet, TN

MW-124 L1906275-09

Collected by | Collected date/time 10/08/25 09:40 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 01:46	10/10/25 01:46	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	100	10/10/25 01:56	10/10/25 01:56	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 19:18	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	10	10/09/25 21:55	10/28/25 21:46	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2617770	1	10/10/25 22:21	10/10/25 22:21	AEB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 03:47	ENR	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

MW-52 L1906275-10

Collected by | Collected date/time 10/08/25 13:20 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 09:08	10/10/25 09:08	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 11:56	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 19:52	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618307	1	10/11/25 06:10	10/11/25 06:10	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 06:42	10/11/25 06:42	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 05:49	ENR	Mt. Juliet, TN

MW-109 L1906275-11

Collected by | Collected date/time 10/08/25 11:50 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 09:30	10/10/25 09:30	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 19:55	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618307	1	10/11/25 06:33	10/11/25 06:33	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 07:02	10/11/25 07:02	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2620731	20	10/15/25 14:54	10/15/25 14:54	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 06:13	ENR	Mt. Juliet, TN

MW-110 L1906275-12

Collected by | Collected date/time 10/08/25 12:30 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 09:52	10/10/25 09:52	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/16/25 17:28	10/16/25 17:28	GEB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 19:59	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618307	1	10/11/25 06:55	10/11/25 06:55	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 07:23	10/11/25 07:23	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2620731	1	10/15/25 14:30	10/15/25 14:30	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 05:00	ENR	Mt. Juliet, TN

MW-140 L1906275-13

Collected by | Collected date/time 10/08/25 08:40 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	10	10/10/25 00:41	10/10/25 00:41	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617314	100	10/10/25 00:52	10/10/25 00:52	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 11:58	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617819	1	10/12/25 16:15	10/12/25 20:02	NMM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 20:02	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617445	1	10/10/25 12:48	11/11/25 10:55	JPD	Mt. Juliet, TN

MW-141 L1906275-14

Collected by | Collected date/time 10/08/25 08:00 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/09/25 23:16	10/09/25 23:16	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	100	10/10/25 04:19	10/10/25 04:19	ZSA	Mt. Juliet, TN

MW-141 L1906275-14

Collected by	Collected date/time	Received date/time
	10/08/25 08:00	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 11:59	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617819	1	10/12/25 16:15	10/12/25 20:09	NMM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 20:20	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617445	1	10/10/25 12:48	11/11/25 10:58	JPD	Mt. Juliet, TN

EB-EP-02 L1906275-15

Collected by	Collected date/time	Received date/time
	10/08/25 09:50	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	1	10/09/25 23:28	10/09/25 23:28	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 20:23	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618307	1	10/11/25 05:48	10/11/25 05:48	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 05:24	ENR	Mt. Juliet, TN

MW-113 L1906275-16

Collected by	Collected date/time	Received date/time
	10/08/25 11:10	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/10/25 00:17	10/10/25 00:17	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 18:24	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618307	1	10/11/25 07:18	10/11/25 07:18	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 07:43	10/11/25 07:43	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 04:11	ENR	Mt. Juliet, TN

MW-134 L1906275-17

Collected by	Collected date/time	Received date/time
	10/08/25 10:15	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/10/25 00:29	10/10/25 00:29	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	100	10/10/25 05:05	10/10/25 05:05	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 12:04	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 20:26	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618307	1	10/11/25 07:40	10/11/25 07:40	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 08:03	10/11/25 08:03	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 04:36	ENR	Mt. Juliet, TN

RA-4196R L1906275-18

Collected by	Collected date/time	Received date/time
	10/08/25 08:00	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	5	10/10/25 00:41	10/10/25 00:41	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	50	10/10/25 05:17	10/10/25 05:17	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 20:30	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 08:24	10/11/25 08:24	JBE	Mt. Juliet, TN

NP-1 L1906275-19

			Collected by	Collected date/time	Received date/time	
				10/08/25 09:30	10/09/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2620734	5	10/15/25 21:47	10/15/25 21:47	ACG	Mt. Juliet, TN

MW-21 L1906275-20

			Collected by	Collected date/time	Received date/time	
				10/08/25 08:50	10/09/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/10/25 00:53	10/10/25 00:53	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	100	10/10/25 05:28	10/10/25 05:28	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 20:33	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618307	1	10/11/25 08:03	10/11/25 08:03	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 08:44	10/11/25 08:44	JBE	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2619281	1.05	10/13/25 13:45	10/14/25 15:15	MEW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 06:37	ENR	Mt. Juliet, TN

MW-152 L1906275-21

			Collected by	Collected date/time	Received date/time	
				10/08/25 14:20	10/09/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2618307	1	10/11/25 08:25	10/11/25 08:25	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 09:04	10/11/25 09:04	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 07:02	ENR	Mt. Juliet, TN

MW-153 L1906275-22

			Collected by	Collected date/time	Received date/time	
				10/08/25 13:40	10/09/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2618307	1	10/11/25 08:48	10/11/25 08:48	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 09:25	10/11/25 09:25	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 07:26	ENR	Mt. Juliet, TN

MW-154 L1906275-23

			Collected by	Collected date/time	Received date/time	
				10/08/25 12:55	10/09/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2618307	1	10/11/25 09:10	10/11/25 09:10	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 09:45	10/11/25 09:45	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617742	1	10/10/25 13:10	10/15/25 07:50	ENR	Mt. Juliet, TN

MW-155 L1906275-24

			Collected by	Collected date/time	Received date/time	
				10/08/25 12:55	10/09/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2618307	1	10/11/25 09:33	10/11/25 09:33	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 10:06	10/11/25 10:06	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 04:41	CAH	Mt. Juliet, TN

MW-156 L1906275-25

Collected by | Collected date/time 10/08/25 12:15 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 04:12	10/11/25 04:12	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 10:26	10/11/25 10:26	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 05:01	CAH	Mt. Juliet, TN

DUP-REST-01 L1906275-26

Collected by | Collected date/time 10/08/25 12:00 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	5	10/10/25 01:05	10/10/25 01:05	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	50	10/10/25 05:40	10/10/25 05:40	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617432	1	10/09/25 21:55	10/28/25 20:36	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 04:33	10/11/25 04:33	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 10:47	10/11/25 10:47	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2620731	5	10/15/25 15:17	10/15/25 15:17	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 05:21	CAH	Mt. Juliet, TN

EB-REST-01 L1906275-27

Collected by | Collected date/time 10/08/25 11:20 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	1	10/10/25 01:17	10/10/25 01:17	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 18:03	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 02:23	10/11/25 02:23	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 12:49	10/11/25 12:49	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 05:42	CAH	Mt. Juliet, TN

DUP-REST-03 L1906275-28

Collected by | Collected date/time 10/08/25 10:00 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/10/25 01:54	10/10/25 01:54	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	100	10/10/25 05:51	10/10/25 05:51	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 12:06	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 18:06	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 04:55	10/11/25 04:55	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 11:07	10/11/25 11:07	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 06:02	CAH	Mt. Juliet, TN

EB-REST-03 L1906275-29

Collected by | Collected date/time 10/08/25 10:30 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618149	1	10/11/25 00:26	10/13/25 12:49	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	1	10/10/25 02:06	10/10/25 02:06	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 12:08	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 18:24	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 02:45	10/11/25 02:45	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 13:09	10/11/25 13:09	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 06:22	CAH	Mt. Juliet, TN

TRIP BLANK-REST-01 L1906275-30

Collected by | Collected date/time 10/08/25 00:00 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 12:08	10/11/25 12:08	JBE	Mt. Juliet, TN

TRIP BLANK-TMD-01 L1906275-31

Collected by | Collected date/time 10/08/25 00:00 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618296	1	10/11/25 12:29	10/11/25 12:29	JBE	Mt. Juliet, TN

MW-117 L1906275-32

Collected by | Collected date/time 10/08/25 08:05 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/10/25 02:42	10/10/25 02:42	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	100	10/10/25 06:03	10/10/25 06:03	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 12:09	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617819	1	10/12/25 16:15	10/12/25 20:11	NMM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 18:27	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617445	1	10/10/25 12:48	11/11/25 11:01	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 05:16	10/11/25 05:16	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 10:50	10/11/25 10:50	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 06:43	CAH	Mt. Juliet, TN

MW-118 L1906275-33

Collected by | Collected date/time 10/08/25 08:50 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/10/25 02:54	10/10/25 02:54	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	100	10/10/25 06:14	10/10/25 06:14	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 12:11	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617819	1	10/12/25 16:15	10/12/25 20:13	NMM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 18:31	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617445	1	10/10/25 12:48	11/11/25 11:04	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 05:38	10/11/25 05:38	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 11:11	10/11/25 11:11	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 07:03	CAH	Mt. Juliet, TN

MW-119 L1906275-34

Collected by | Collected date/time 10/08/25 09:35 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/10/25 03:07	10/10/25 03:07	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	100	10/10/25 06:26	10/10/25 06:26	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 12:13	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617819	1	10/12/25 16:15	10/12/25 20:15	NMM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 18:34	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617445	1	10/10/25 12:48	11/11/25 11:07	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 06:00	10/11/25 06:00	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 11:31	10/11/25 11:31	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 07:23	CAH	Mt. Juliet, TN

KWB-12B L1906275-35

Collected by	Collected date/time	Received date/time
	10/08/25 12:15	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/10/25 03:19	10/10/25 03:19	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	100	10/10/25 06:37	10/10/25 06:37	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 12:15	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 18:37	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 06:21	10/11/25 06:21	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 11:52	10/11/25 11:52	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 07:43	CAH	Mt. Juliet, TN

MW-149 L1906275-36

Collected by	Collected date/time	Received date/time
	10/08/25 11:20	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/10/25 03:31	10/10/25 03:31	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	100	10/10/25 06:48	10/10/25 06:48	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 20:32	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 21:51	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 12:12	10/11/25 12:12	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 08:04	CAH	Mt. Juliet, TN

MW-150 L1906275-37

Collected by	Collected date/time	Received date/time
	10/08/25 10:25	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/10/25 03:43	10/10/25 03:43	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	100	10/10/25 07:23	10/10/25 07:23	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 19:21	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 12:33	10/11/25 12:33	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 08:24	CAH	Mt. Juliet, TN

DUP-REST-05 L1906275-38

Collected by	Collected date/time	Received date/time
	10/08/25 10:00	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	10	10/10/25 03:55	10/10/25 03:55	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	100	10/10/25 07:34	10/10/25 07:34	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 12:16	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 18:47	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 06:43	10/11/25 06:43	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 12:53	10/11/25 12:53	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 08:44	CAH	Mt. Juliet, TN

EB-REST-05 L1906275-39

Collected by	Collected date/time	Received date/time
	10/08/25 12:30	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617331	1	10/10/25 04:07	10/10/25 04:07	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 12:18	JTM	Mt. Juliet, TN

EB-REST-05 L1906275-39

			Collected by	Collected date/time	Received date/time	
				10/08/25 12:30	10/09/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 18:50	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 03:07	10/11/25 03:07	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 09:49	10/11/25 09:49	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 09:05	CAH	Mt. Juliet, TN

TRIP BLANK-REST-02 L1906275-40

			Collected by	Collected date/time	Received date/time	
				10/08/25 00:00	10/09/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 09:28	10/11/25 09:28	JAH	Mt. Juliet, TN

MW-145 L1906275-41

			Collected by	Collected date/time	Received date/time	
				10/08/25 08:15	10/09/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617728	10	10/15/25 01:34	10/15/25 01:34	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617728	100	10/15/25 01:46	10/15/25 01:46	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 19:25	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 07:04	10/11/25 07:04	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 13:14	10/11/25 13:14	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 09:25	CAH	Mt. Juliet, TN

MW-146 L1906275-42

			Collected by	Collected date/time	Received date/time	
				10/08/25 09:05	10/09/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617728	10	10/15/25 01:58	10/15/25 01:58	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617728	100	10/15/25 02:10	10/15/25 02:10	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 19:28	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 07:26	10/11/25 07:26	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 13:34	10/11/25 13:34	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 09:45	CAH	Mt. Juliet, TN

MW-135 L1906275-43

			Collected by	Collected date/time	Received date/time	
				10/08/25 10:10	10/09/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	10	10/10/25 09:58	10/10/25 09:58	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	50	10/10/25 10:14	10/10/25 10:14	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 20:16	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 21:54	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 07:48	10/11/25 07:48	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618374	1	10/11/25 13:55	10/11/25 13:55	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 10:06	CAH	Mt. Juliet, TN

MW-148 L1906275-44

Collected by	Collected date/time	Received date/time
	10/08/25 11:05	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	10	10/10/25 10:59	10/10/25 10:59	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	100	10/10/25 11:15	10/10/25 11:15	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 20:19	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 21:57	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 08:09	10/11/25 08:09	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618574	1	10/11/25 14:11	10/11/25 14:11	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 10:26	CAH	Mt. Juliet, TN

DUP-REST-04 L1906275-45

Collected by	Collected date/time	Received date/time
	10/08/25 09:00	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	10	10/10/25 06:24	10/10/25 06:24	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	100	10/10/25 06:39	10/10/25 06:39	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 19:38	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618310	1	10/11/25 08:31	10/11/25 08:31	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618574	1	10/11/25 14:31	10/11/25 14:31	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 10:46	CAH	Mt. Juliet, TN

EB-REST-04 L1906275-46

Collected by	Collected date/time	Received date/time
	10/08/25 09:30	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	1	10/10/25 08:26	10/10/25 08:26	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 17:49	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618667	1	10/11/25 16:13	10/11/25 16:13	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618574	1	10/11/25 13:51	10/11/25 13:51	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617746	1	10/14/25 07:25	10/15/25 11:07	CAH	Mt. Juliet, TN

MW-61 L1906275-47

Collected by	Collected date/time	Received date/time
	10/08/25 08:20	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	10	10/10/25 05:53	10/10/25 05:53	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 20:22	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 22:00	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618667	10	10/11/25 21:36	10/11/25 21:36	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618574	50	10/11/25 17:50	10/11/25 17:50	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2619647	50	10/14/25 14:42	10/14/25 14:42	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617842	1	10/11/25 12:36	10/15/25 06:53	CAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2621340	1	10/14/25 07:44	10/18/25 04:33	KB	Mt. Juliet, TN

MW-98 L1906275-48

Collected by | Collected date/time 10/08/25 09:10 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	10	10/10/25 06:55	10/10/25 06:55	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	100	10/10/25 07:10	10/10/25 07:10	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 20:26	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 22:03	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618667	20	10/11/25 21:59	10/11/25 21:59	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618574	50	10/11/25 18:10	10/11/25 18:10	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617842	1	10/11/25 12:36	10/15/25 07:14	CAH	Mt. Juliet, TN

MW-96 L1906275-49

Collected by | Collected date/time 10/08/25 11:35 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	5	10/10/25 12:01	10/10/25 12:01	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	50	10/10/25 12:46	10/10/25 12:46	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 20:29	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617433	1	10/09/25 22:07	10/29/25 22:06	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618667	10	10/11/25 22:22	10/11/25 22:22	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618574	1000	10/11/25 18:30	10/11/25 18:30	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617842	5	10/11/25 12:36	10/15/25 16:08	TJD	Mt. Juliet, TN

NCL-33 L1906275-50

Collected by | Collected date/time 10/08/25 09:55 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	5	10/10/25 09:28	10/10/25 09:28	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	50	10/10/25 09:43	10/10/25 09:43	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617838	1	10/11/25 19:37	10/30/25 19:42	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618574	1	10/11/25 14:51	10/11/25 14:51	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617842	10	10/11/25 12:36	10/15/25 16:52	TJD	Mt. Juliet, TN

NCL-44 L1906275-51

Collected by | Collected date/time 10/08/25 09:15 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	5	10/10/25 07:25	10/10/25 07:25	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	50	10/10/25 07:40	10/10/25 07:40	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617838	1	10/11/25 19:37	10/30/25 19:46	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618574	1	10/11/25 15:11	10/11/25 15:11	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617842	10	10/11/25 12:36	10/15/25 17:14	TJD	Mt. Juliet, TN

NCL-32 L1906275-52

Collected by | Collected date/time 10/08/25 08:35 | Received date/time 10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618150	1	10/11/25 09:49	10/11/25 09:50	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	5	10/10/25 05:23	10/10/25 05:23	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	50	10/10/25 05:38	10/10/25 05:38	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617838	1	10/11/25 19:37	10/30/25 19:49	LD	Mt. Juliet, TN

NCL-32 L1906275-52

Collected by	Collected date/time	Received date/time
	10/08/25 08:35	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2618574	1	10/11/25 15:31	10/11/25 15:31	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617842	10	10/11/25 12:36	10/15/25 16:30	TJD	Mt. Juliet, TN

MW-55 L1906275-53

Collected by	Collected date/time	Received date/time
	10/08/25 10:45	10/09/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2618318	1	10/11/25 01:56	10/11/25 10:40	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	5	10/10/25 10:29	10/10/25 10:29	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2617340	50	10/10/25 10:44	10/10/25 10:44	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617448	1	10/09/25 21:08	10/10/25 12:20	JTM	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617819	1	10/12/25 16:15	10/12/25 20:20	NMM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617445	1	10/10/25 12:48	11/11/25 11:10	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617838	1	10/11/25 19:37	10/30/25 19:53	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2618667	1	10/11/25 16:36	10/11/25 16:36	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2619647	1	10/14/25 14:22	10/14/25 14:22	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2617842	1	10/11/25 12:36	10/15/25 07:35	CAH	Mt. Juliet, TN

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Gravimetric Analysis by Method 2540 C-2011

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2618149	(DUP) R4286723-4, L1906275-29	Dissolved Solids

Wet Chemistry by Method 9056A

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG2617314	(MS) R4287498-5	Chloride and Sulfate
WG2617314	(MS) R4287498-8	Chloride and Sulfate
WG2617314	(MSD) R4287498-9	Chloride and Sulfate

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2617314	(MS) R4287498-5, (MS) R4287498-8, (MS) R4288430-2, (MSD) R4287498-9, (MSD) R4288430-3	Chloride and Sulfate
WG2617340	(MS) R4287865-7, L1906275-49	Chloride and Sulfate

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2617314	(MS) R4287498-8, (MSD) R4287498-9	Fluoride and Nitrate as (N)

Metals (ICPMS) by Method 6020B

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2617432	(MS) R4293142-4, (MSD) R4293142-5	Calcium and Sodium
WG2617445	(MS) R4297336-11, (MS) R4297336-13, (MSD) R4297336-14, (MSD) R4297336-12	Manganese,Dissolved
WG2617838	(MS) R4294412-5, (MSD) R4294412-6	Calcium, Manganese, Potassium, Selenium and Sodium

The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Batch	Lab Sample ID	Analytes
WG2617838	(MS) R4294412-5	Iron

Volatile Organic Compounds (GC/MS) by Method 8260D

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2618296	L1906275-02	Bromoform
WG2618296	L1906275-10	Bromoform
WG2618296	L1906275-11	Bromoform
WG2618296	L1906275-12	Bromoform
WG2618296	L1906275-16	Bromoform
WG2618296	L1906275-17	Bromoform
WG2618296	L1906275-18	Bromoform
WG2618296	L1906275-20	Bromoform
WG2618296	L1906275-21	Bromoform
WG2618296	L1906275-22	Bromoform
WG2618296	L1906275-23	Bromoform
WG2618296	L1906275-24	Bromoform
WG2618296	L1906275-25	Bromoform
WG2618296	L1906275-26	Bromoform
WG2618296	L1906275-27	Bromoform
WG2618296	L1906275-28	Bromoform
WG2618296	L1906275-29	Bromoform
WG2618296	L1906275-30	Bromoform
WG2618296	L1906275-31	Bromoform
WG2618374	L1906275-32	Bromomethane
WG2618374	L1906275-33	Bromomethane
WG2618374	L1906275-34	Bromomethane
WG2618374	L1906275-35	Bromomethane
WG2618374	L1906275-36	Bromomethane
WG2618374	L1906275-37	Bromomethane
WG2618374	L1906275-38	Bromomethane
WG2618374	L1906275-39	Bromomethane
WG2618374	L1906275-40	Bromomethane
WG2618374	L1906275-41	Bromomethane
WG2618374	L1906275-42	Bromomethane
WG2618374	L1906275-43	Bromomethane
WG2619647	L1906275-53	Bromoform
WG2620734	L1906275-19	Acetone, Bromomethane and tert-Butyl alcohol

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2618296	(LCSD) R4287109-2, L1906275-02, 10, 11, 12, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31	Chlorodibromomethane, cis-1,3-Dichloropropene and Trichloroethene

Semi-Volatile Organic Compounds (GC) by Method 8015D

Surrogate recovery limits have been exceeded; values are outside upper control limits.

Batch	Analyte	Lab Sample ID
WG2617842	o-Terphenyl	L1906275-49, 50, 51, 52

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2621340	L1906275-47	4-Nitrophenol and Pentachlorophenol

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

The initial calibration verification standard (SSCV) associated with this data responded high.

Batch	Lab Sample ID	Analytes
WG2621340	L1906275-47	Benzaldehyde

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2621340	(LCSD) R4289575-2, L1906275-47	2,4-Dinitrotoluene, 3-Nitroaniline, Benzo(a)pyrene, Benzo(g,h,i)perylene, Fluorene, Hexachlorobenzene, Indeno(1,2,3-cd)pyrene and n-Nitrosodiphenylamine

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2621340	(LCSD) R4289575-2, L1906275-47	62 analytes

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	11000		200	1	10/11/2025 17:34	WG2618147

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3340		54.7	100	100	10/10/2025 01:13	WG2617314
Fluoride	2.61		0.761	1.50	10	10/10/2025 01:02	WG2617314
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 01:02	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 01:02	WG2617314
Sulfate	3660		63.7	500	100	10/10/2025 01:13	WG2617314

Sample Narrative:

L1906275-01 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0706		0.000120	0.00200	1	10/28/2025 18:37	WG2617432
Barium	0.0178		0.000500	0.00200	1	10/28/2025 18:37	WG2617432
Calcium	670		0.0925	1.00	1	10/28/2025 18:37	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 18:37	WG2617432
Iron	15.3		0.0226	0.100	1	10/28/2025 18:37	WG2617432
Lead	0.000693	J	0.000500	0.00200	1	10/28/2025 18:37	WG2617432
Manganese	2.88		0.000700	0.00500	1	10/28/2025 18:37	WG2617432
Potassium	6.52		0.0965	2.00	1	10/28/2025 18:37	WG2617432
Selenium	0.00133	J	0.000250	0.00200	1	10/28/2025 18:37	WG2617432
Sodium	2810		1.42	20.0	10	10/28/2025 21:23	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.591		0.0594	0.100	1	10/10/2025 19:40	WG2617770
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*78.0-120*		*10/10/2025 19:40*	WG2617770

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.85		0.0605	0.100	1	10/15/2025 02:34	WG2617742
(S) o-Terphenyl	*97.4*			*52.0-156*		*10/15/2025 02:34*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1700		50.0	1	10/11/2025 17:34	WG2618147

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	147		5.47	10.0	10	10/10/2025 07:20	WG2617314
Fluoride	0.986	J	0.761	1.50	10	10/10/2025 07:20	WG2617314
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 07:20	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 07:20	WG2617314
Sulfate	674		6.37	50.0	10	10/10/2025 07:20	WG2617314

Sample Narrative:

L1906275-02 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00371		0.000120	0.00200	1	10/28/2025 18:41	WG2617432
Barium	0.0169		0.000500	0.00200	1	10/28/2025 18:41	WG2617432
Calcium	204		0.0925	1.00	1	10/28/2025 18:41	WG2617432
Chromium	0.00195	J	0.000900	0.00200	1	10/28/2025 18:41	WG2617432
Iron	0.584		0.0226	0.100	1	10/28/2025 18:41	WG2617432
Lead	0.00229		0.000500	0.00200	1	10/28/2025 18:41	WG2617432
Manganese	0.0933		0.000700	0.00500	1	10/28/2025 18:41	WG2617432
Potassium	0.784	J	0.0965	2.00	1	10/28/2025 18:41	WG2617432
Selenium	0.00185	J	0.000250	0.00200	1	10/28/2025 18:41	WG2617432
Sodium	250		0.142	2.00	1	10/28/2025 18:41	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/10/2025 20:00	WG2617770
(S) a,a,a-Trifluorotoluene(FID)	*97.1*			*78.0-120*		*10/10/2025 20:00*	WG2617770

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 06:22	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 06:22	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 06:22	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 06:22	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 06:22	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 06:22	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 06:22	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 06:22	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 06:22	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 06:22	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 06:22	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 06:22	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 06:22	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 06:22	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 06:22	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 06:22	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 06:22	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 06:22	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 06:22	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 06:22	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 06:22	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 06:22	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 06:22	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 06:22	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 06:22	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 06:22	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 06:22	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 06:22	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 06:22	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 06:22	WG2618296
Methyl tert-butyl ether	0.00139		0.000357	0.00100	1	10/11/2025 06:22	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 06:22	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 06:22	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 06:22	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 06:22	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 06:22	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 06:22	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 06:22	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 06:22	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 06:22	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 06:22	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 06:22	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 06:22	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 06:22	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 06:22	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 06:22	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 06:22	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 06:22	WG2618296
(S) Toluene-d8	*108*			*80.0-120*		*10/11/2025 06:22*	WG2618296
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*10/11/2025 06:22*	WG2618296
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/11/2025 06:22*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.717		0.0605	0.100	1	10/15/2025 02:59	WG2617742
(S) o-Terphenyl	*96.3*			*52.0-156*		*10/15/2025 02:59*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4840		100	1	10/11/2025 17:34	WG2618147

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1270		54.7	100	100	10/10/2025 07:53	WG2617314
Fluoride	2.57		0.761	1.50	10	10/10/2025 07:42	WG2617314
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 07:42	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 07:42	WG2617314
Sulfate	1810		63.7	500	100	10/10/2025 07:53	WG2617314

Sample Narrative:

L1906275-03 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0194		0.000120	0.00200	1	10/28/2025 18:44	WG2617432
Barium	0.0152		0.000500	0.00200	1	10/28/2025 18:44	WG2617432
Calcium	438		0.0925	1.00	1	10/28/2025 18:44	WG2617432
Chromium	0.000971	J	0.000900	0.00200	1	10/28/2025 18:44	WG2617432
Iron	2.54		0.0226	0.100	1	10/28/2025 18:44	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 18:44	WG2617432
Manganese	0.800		0.000700	0.00500	1	10/28/2025 18:44	WG2617432
Potassium	23.3		0.0965	2.00	1	10/28/2025 18:44	WG2617432
Selenium	0.00147	J	0.000250	0.00200	1	10/28/2025 18:44	WG2617432
Sodium	917		1.42	20.0	10	10/28/2025 21:26	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.370		0.0594	0.100	1	10/10/2025 20:20	WG2617770
(S) a,a,a-Trifluorotoluene(FID)	*98.2*			*78.0-120*		*10/10/2025 20:20*	WG2617770

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	8.33		0.0605	0.100	1	10/15/2025 09:27	WG2617742
(S) o-Terphenyl	*109*			*52.0-156*		*10/15/2025 09:27*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5460		100	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1450		54.7	100	100	10/10/2025 08:36	WG2617314
Fluoride	7.44		0.761	1.50	10	10/10/2025 08:25	WG2617314
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 08:25	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 08:25	WG2617314
Sulfate	1920		63.7	500	100	10/10/2025 08:36	WG2617314

Sample Narrative:

L1906275-04 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.342		0.000120	0.00200	1	10/28/2025 18:47	WG2617432
Barium	0.0147		0.000500	0.00200	1	10/28/2025 18:47	WG2617432
Calcium	368		0.0925	1.00	1	10/28/2025 18:47	WG2617432
Chromium	0.00170	J	0.000900	0.00200	1	10/28/2025 18:47	WG2617432
Iron	5.27		0.0226	0.100	1	10/28/2025 18:47	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 18:47	WG2617432
Manganese	1.04		0.000700	0.00500	1	10/28/2025 18:47	WG2617432
Potassium	20.9		0.0965	2.00	1	10/28/2025 18:47	WG2617432
Selenium	0.00245		0.000250	0.00200	1	10/28/2025 18:47	WG2617432
Sodium	1420		1.42	20.0	10	10/28/2025 21:30	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	3.39		0.0594	0.100	1	10/10/2025 20:41	WG2617770
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*10/10/2025 20:41*	WG2617770

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	14.0		0.303	0.500	5	10/16/2025 07:19	WG2617742
(S) o-Terphenyl	*97.4*			*52.0-156*		*10/16/2025 07:19*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4240		100	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1080		54.7	100	100	10/10/2025 08:58	WG2617314
Fluoride	3.45		0.761	1.50	10	10/10/2025 08:47	WG2617314
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 08:47	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 08:47	WG2617314
Sulfate	1460		63.7	500	100	10/10/2025 08:58	WG2617314

Sample Narrative:

L1906275-05 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0500		0.000120	0.00200	1	10/28/2025 19:02	WG2617432
Barium	0.0208		0.000500	0.00200	1	10/28/2025 19:02	WG2617432
Calcium	387		0.0925	1.00	1	10/28/2025 19:02	WG2617432
Chromium	0.00370		0.000900	0.00200	1	10/28/2025 19:02	WG2617432
Iron	8.12		0.0226	0.100	1	10/28/2025 19:02	WG2617432
Lead	0.000947	J	0.000500	0.00200	1	10/28/2025 19:02	WG2617432
Manganese	0.363		0.000700	0.00500	1	10/28/2025 19:02	WG2617432
Potassium	15.1		0.0965	2.00	1	10/28/2025 19:02	WG2617432
Selenium	0.00138	J	0.000250	0.00200	1	10/28/2025 19:02	WG2617432
Sodium	910		1.42	20.0	10	10/28/2025 21:33	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.02		0.0594	0.100	1	10/10/2025 21:00	WG2617770
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*10/10/2025 21:00*	WG2617770

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	7.62		0.0605	0.100	1	10/16/2025 01:40	WG2617742
(S) o-Terphenyl	*109*			*52.0-156*		*10/16/2025 01:40*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	7600		200	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	2160		54.7	100	100	10/10/2025 02:18	WG2617314
Fluoride	2.15		0.761	1.50	10	10/10/2025 02:07	WG2617314
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 02:07	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 02:07	WG2617314
Sulfate	2560		63.7	500	100	10/10/2025 02:18	WG2617314

Sample Narrative:

L1906275-06 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.0312		0.000120	0.00200	1	10/28/2025 19:05	WG2617432
Barium	0.0178		0.000500	0.00200	1	10/28/2025 19:05	WG2617432
Calcium	682		0.0925	1.00	1	10/28/2025 19:05	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 19:05	WG2617432
Iron	0.213		0.0226	0.100	1	10/28/2025 19:05	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 19:05	WG2617432
Manganese	1.61		0.000700	0.00500	1	10/28/2025 19:05	WG2617432
Potassium	8.29		0.0965	2.00	1	10/28/2025 19:05	WG2617432
Selenium	0.0199		0.000250	0.00200	1	10/28/2025 19:05	WG2617432
Sodium	1510		1.42	20.0	10	10/28/2025 21:36	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	0.192		0.0594	0.100	1	10/16/2025 00:20	WG2621324
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*78.0-120*		*10/16/2025 00:20*	WG2621324

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	7.87		0.0605	0.100	1	10/15/2025 08:39	WG2617742
(S) o-Terphenyl	*107*			*52.0-156*		*10/15/2025 08:39*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5090		100	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1320		54.7	100	100	10/10/2025 03:01	WG2617314
Fluoride	1.13	J	0.761	1.50	10	10/10/2025 02:50	WG2617314
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 02:50	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 02:50	WG2617314
Sulfate	1880		63.7	500	100	10/10/2025 03:01	WG2617314

Sample Narrative:

L1906275-07 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0143		0.000120	0.00200	1	10/28/2025 19:11	WG2617432
Barium	0.0295		0.000500	0.00200	1	10/28/2025 19:11	WG2617432
Calcium	494		0.0925	1.00	1	10/28/2025 19:11	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 19:11	WG2617432
Iron	0.0575	J	0.0226	0.100	1	10/28/2025 19:11	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 19:11	WG2617432
Manganese	3.19		0.000700	0.00500	1	10/28/2025 19:11	WG2617432
Potassium	3.65		0.0965	2.00	1	10/28/2025 19:11	WG2617432
Selenium	U		0.000250	0.00200	1	10/28/2025 19:11	WG2617432
Sodium	1110		1.42	20.0	10	10/28/2025 21:40	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.177		0.0594	0.100	1	10/10/2025 21:41	WG2617770
(S) a,a,a-Trifluorotoluene(FID)	*97.5*			*78.0-120*		*10/10/2025 21:41*	WG2617770

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.45		0.0605	0.100	1	10/15/2025 03:23	WG2617742
(S) o-Terphenyl	*103*			*52.0-156*		*10/15/2025 03:23*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	7260		200	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2130		54.7	100	100	10/10/2025 01:35	WG2617314
Fluoride	2.11		0.761	1.50	10	10/10/2025 01:24	WG2617314
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 01:24	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 01:24	WG2617314
Sulfate	2540		63.7	500	100	10/10/2025 01:35	WG2617314

Sample Narrative:

L1906275-08 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0311		0.000120	0.00200	1	10/28/2025 19:15	WG2617432
Barium	0.0180		0.000500	0.00200	1	10/28/2025 19:15	WG2617432
Calcium	669		0.0925	1.00	1	10/28/2025 19:15	WG2617432
Chromium	0.00171	J	0.000900	0.00200	1	10/28/2025 19:15	WG2617432
Iron	0.323		0.0226	0.100	1	10/28/2025 19:15	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 19:15	WG2617432
Manganese	1.57		0.000700	0.00500	1	10/28/2025 19:15	WG2617432
Potassium	8.21		0.0965	2.00	1	10/28/2025 19:15	WG2617432
Selenium	0.0215		0.000250	0.00200	1	10/28/2025 19:15	WG2617432
Sodium	1470		1.42	20.0	10	10/28/2025 21:43	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.153		0.0594	0.100	1	10/10/2025 22:01	WG2617770
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*78.0-120*		*10/10/2025 22:01*	WG2617770

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	7.92		0.0605	0.100	1	10/15/2025 08:14	WG2617742
(S) o-Terphenyl	*105*			*52.0-156*		*10/15/2025 08:14*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	10700		200	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	3490		54.7	100	100	10/10/2025 01:56	WG2617314
Fluoride	1.31	J	0.761	1.50	10	10/10/2025 01:46	WG2617314
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 01:46	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 01:46	WG2617314
Sulfate	3910		63.7	500	100	10/10/2025 01:56	WG2617314

Sample Narrative:

L1906275-09 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00264		0.000120	0.00200	1	10/28/2025 19:18	WG2617432
Barium	0.0193		0.000500	0.00200	1	10/28/2025 19:18	WG2617432
Calcium	776		0.0925	1.00	1	10/28/2025 19:18	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 19:18	WG2617432
Iron	3.05		0.0226	0.100	1	10/28/2025 19:18	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 19:18	WG2617432
Manganese	0.642		0.000700	0.00500	1	10/28/2025 19:18	WG2617432
Potassium	7.40		0.0965	2.00	1	10/28/2025 19:18	WG2617432
Selenium	U		0.000250	0.00200	1	10/28/2025 19:18	WG2617432
Sodium	2000		1.42	20.0	10	10/28/2025 21:46	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/10/2025 22:21	WG2617770
(S) a,a,a-Trifluorotoluene(FID)	*96.9*			*78.0-120*		*10/10/2025 22:21*	WG2617770

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 03:47	WG2617742
(S) o-Terphenyl	*91.1*			*52.0-156*		*10/15/2025 03:47*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	2080		50.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	152		5.47	10.0	10	10/10/2025 09:08	WG2617314
Fluoride	1.66		0.761	1.50	10	10/10/2025 09:08	WG2617314
Nitrate as (N)	6.81		0.884	1.00	10	10/10/2025 09:08	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 09:08	WG2617314
Sulfate	854		6.37	50.0	10	10/10/2025 09:08	WG2617314

Sample Narrative:

L1906275-10 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.631		0.0232	0.200	1	10/10/2025 11:56	WG2617448

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00353		0.000120	0.00200	1	10/28/2025 19:52	WG2617432
Barium	0.0131		0.000500	0.00200	1	10/28/2025 19:52	WG2617432
Calcium	165		0.0925	1.00	1	10/28/2025 19:52	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 19:52	WG2617432
Iron	U		0.0226	0.100	1	10/28/2025 19:52	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 19:52	WG2617432
Manganese	0.0677		0.000700	0.00500	1	10/28/2025 19:52	WG2617432
Potassium	0.382	J	0.0965	2.00	1	10/28/2025 19:52	WG2617432
Selenium	0.00316		0.000250	0.00200	1	10/28/2025 19:52	WG2617432
Sodium	281		0.142	2.00	1	10/28/2025 19:52	WG2617432
Uranium	0.00939		0.000130	0.00100	1	10/28/2025 19:52	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 06:10	WG2618307
(S) a,a,a-Trifluorotoluene(FID)	*98.4*			*78.0-120*		*10/11/2025 06:10*	WG2618307

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0469	0.0500	1	10/11/2025 06:42	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 06:42	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 06:42	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 06:42	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 06:42	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 06:42	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 06:42	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 06:42	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 06:42	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 06:42	WG2618296

MW-32
Collected date/time: 10/08/25 13:20
L1906275

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 06:42	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 06:42	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 06:42	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 06:42	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 06:42	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 06:42	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 06:42	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 06:42	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 06:42	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 06:42	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 06:42	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 06:42	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 06:42	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 06:42	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 06:42	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 06:42	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 06:42	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 06:42	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 06:42	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 06:42	WG2618296
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 06:42	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 06:42	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 06:42	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 06:42	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 06:42	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 06:42	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 06:42	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 06:42	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 06:42	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 06:42	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 06:42	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 06:42	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 06:42	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 06:42	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 06:42	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 06:42	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 06:42	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 06:42	WG2618296
(S) Toluene-d8	*109*			*80.0-120*		*10/11/2025 06:42*	WG2618296
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*		*10/11/2025 06:42*	WG2618296
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/11/2025 06:42*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.412		0.0605	0.100	1	10/15/2025 05:49	WG2617742
(S) o-Terphenyl	*98.9*			*52.0-156*		*10/15/2025 05:49*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1680		50.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	212		5.47	10.0	10	10/10/2025 09:30	WG2617314
Fluoride	1.63		0.761	1.50	10	10/10/2025 09:30	WG2617314
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 09:30	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 09:30	WG2617314
Sulfate	161		6.37	50.0	10	10/10/2025 09:30	WG2617314

Sample Narrative:

L1906275-11 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00154	J	0.000120	0.00200	1	10/28/2025 19:55	WG2617432
Barium	0.252		0.000500	0.00200	1	10/28/2025 19:55	WG2617432
Calcium	62.5		0.0925	1.00	1	10/28/2025 19:55	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 19:55	WG2617432
Iron	U		0.0226	0.100	1	10/28/2025 19:55	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 19:55	WG2617432
Manganese	0.0733		0.000700	0.00500	1	10/28/2025 19:55	WG2617432
Potassium	0.810	J	0.0965	2.00	1	10/28/2025 19:55	WG2617432
Selenium	U		0.000250	0.00200	1	10/28/2025 19:55	WG2617432
Sodium	450		0.142	2.00	1	10/28/2025 19:55	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	3.59		0.0594	0.100	1	10/11/2025 06:33	WG2618307
(S) a,a,a-Trifluorotoluene(FID)	*79.0*			*78.0-120*		*10/11/2025 06:33*	WG2618307

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 07:02	WG2618296
Benzene	1.48		0.00640	0.0200	20	10/15/2025 14:54	WG2620731
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 07:02	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 07:02	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 07:02	WG2618296
n-Butylbenzene	0.00332		0.000516	0.00100	1	10/11/2025 07:02	WG2618296
sec-Butylbenzene	0.00857		0.000355	0.00100	1	10/11/2025 07:02	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 07:02	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 07:02	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 07:02	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 07:02	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 07:02	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 07:02	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 07:02	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 07:02	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 07:02	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 07:02	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 07:02	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 07:02	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 07:02	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 07:02	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 07:02	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 07:02	WG2618296
Ethylbenzene	0.00520		0.000234	0.00100	1	10/11/2025 07:02	WG2618296
Isopropylbenzene	0.0606		0.000105	0.00100	1	10/11/2025 07:02	WG2618296
p-Isopropyltoluene	0.000625	J	0.000345	0.00100	1	10/11/2025 07:02	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 07:02	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 07:02	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 07:02	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 07:02	WG2618296
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 07:02	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 07:02	WG2618296
n-Propylbenzene	0.0667		0.000239	0.00100	1	10/11/2025 07:02	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 07:02	WG2618296
tert-Butyl alcohol	0.0449		0.00496	0.0200	1	10/11/2025 07:02	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 07:02	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 07:02	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 07:02	WG2618296
Toluene	0.0103		0.000274	0.00100	1	10/11/2025 07:02	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 07:02	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 07:02	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 07:02	WG2618296
1,2,4-Trimethylbenzene	0.00159	J	0.000274	0.00200	1	10/11/2025 07:02	WG2618296
1,3,5-Trimethylbenzene	0.000638	J	0.000266	0.00100	1	10/11/2025 07:02	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 07:02	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 07:02	WG2618296
m&p-Xylene	0.00431		0.000549	0.00200	1	10/11/2025 07:02	WG2618296
Xylenes, Total	0.00431		0.000319	0.00300	1	10/11/2025 07:02	WG2618296
(S) Toluene-d8	*103*			*80.0-120*		*10/11/2025 07:02*	WG2618296
(S) Toluene-d8	*104*			*80.0-120*		*10/15/2025 14:54*	WG2620731
(S) 4-Bromofluorobenzene	*93.4*			*77.0-126*		*10/11/2025 07:02*	WG2618296
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*10/15/2025 14:54*	WG2620731
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/11/2025 07:02*	WG2618296
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*		*10/15/2025 14:54*	WG2620731

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.70		0.0605	0.100	1	10/15/2025 06:13	WG2617742
(S) o-Terphenyl	*116*			*52.0-156*		*10/15/2025 06:13*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1320		20.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	63.9		5.47	10.0	10	10/16/2025 17:28	WG2617314
Fluoride	1.37	J	0.761	1.50	10	10/10/2025 09:52	WG2617314
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 09:52	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 09:52	WG2617314
Sulfate	464		6.37	50.0	10	10/10/2025 09:52	WG2617314

Sample Narrative:

L1906275-12 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0156		0.000120	0.00200	1	10/28/2025 19:59	WG2617432
Barium	0.0589		0.000500	0.00200	1	10/28/2025 19:59	WG2617432
Calcium	115		0.0925	1.00	1	10/28/2025 19:59	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 19:59	WG2617432
Iron	0.466		0.0226	0.100	1	10/28/2025 19:59	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 19:59	WG2617432
Manganese	1.76		0.000700	0.00500	1	10/28/2025 19:59	WG2617432
Potassium	0.243	J	0.0965	2.00	1	10/28/2025 19:59	WG2617432
Selenium	U		0.000250	0.00200	1	10/28/2025 19:59	WG2617432
Sodium	210		0.142	2.00	1	10/28/2025 19:59	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.452		0.0594	0.100	1	10/11/2025 06:55	WG2618307
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*78.0-120*		*10/11/2025 06:55*	WG2618307

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 07:23	WG2618296
Benzene	U		0.000320	0.00100	1	10/15/2025 14:30	WG2620731
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 07:23	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 07:23	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 07:23	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 07:23	WG2618296
sec-Butylbenzene	0.00315		0.000355	0.00100	1	10/11/2025 07:23	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 07:23	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 07:23	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 07:23	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 07:23	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 07:23	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 07:23	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 07:23	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 07:23	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 07:23	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 07:23	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 07:23	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 07:23	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 07:23	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 07:23	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 07:23	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 07:23	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 07:23	WG2618296
Isopropylbenzene	0.00283		0.000105	0.00100	1	10/11/2025 07:23	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 07:23	WG2618296
2-Butanone (MEK)	0.0104	J	0.00900	0.0200	1	10/11/2025 07:23	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 07:23	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 07:23	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 07:23	WG2618296
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 07:23	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 07:23	WG2618296
n-Propylbenzene	0.000804	J	0.000239	0.00100	1	10/11/2025 07:23	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 07:23	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 07:23	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 07:23	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 07:23	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 07:23	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 07:23	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 07:23	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 07:23	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 07:23	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 07:23	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 07:23	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 07:23	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 07:23	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 07:23	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 07:23	WG2618296
(S) Toluene-d8	*96.8*			*80.0-120*		*10/11/2025 07:23*	WG2618296
(S) Toluene-d8	*97.8*			*80.0-120*		*10/15/2025 14:30*	WG2620731
(S) 4-Bromofluorobenzene	*86.7*			*77.0-126*		*10/11/2025 07:23*	WG2618296
(S) 4-Bromofluorobenzene	*94.9*			*77.0-126*		*10/15/2025 14:30*	WG2620731
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/11/2025 07:23*	WG2618296
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*		*10/15/2025 14:30*	WG2620731

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.05		0.0605	0.100	1	10/15/2025 05:00	WG2617742
(S) o-Terphenyl	*106*			*52.0-156*		*10/15/2025 05:00*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2700		50.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	217		5.47	10.0	10	10/10/2025 00:41	WG2617314
Fluoride	1.26	J	0.761	1.50	10	10/10/2025 00:41	WG2617314
Nitrate as (N)	5.23		0.884	1.00	10	10/10/2025 00:41	WG2617314
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 00:41	WG2617314
Sulfate	1420		63.7	500	100	10/10/2025 00:52	WG2617314

Sample Narrative:

L1906275-13 WG2617314: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.625		0.0232	0.200	1	10/10/2025 11:58	WG2617448
Boron,Dissolved	0.637		0.0232	0.200	1	10/12/2025 20:02	WG2617819

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00287		0.000120	0.00200	1	10/28/2025 20:02	WG2617432
Arsenic,Dissolved	0.00316		0.000120	0.00200	1	11/11/2025 10:55	WG2617445
Barium	0.0126		0.000500	0.00200	1	10/28/2025 20:02	WG2617432
Calcium	433		0.0925	1.00	1	10/28/2025 20:02	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 20:02	WG2617432
Iron	U		0.0226	0.100	1	10/28/2025 20:02	WG2617432
Iron,Dissolved	U		0.0226	0.100	1	11/11/2025 10:55	WG2617445
Lead	U		0.000500	0.00200	1	10/28/2025 20:02	WG2617432
Manganese	0.0308		0.000700	0.00500	1	10/28/2025 20:02	WG2617432
Manganese,Dissolved	0.0270		0.000700	0.00500	1	11/11/2025 10:55	WG2617445
Potassium	15.1		0.0965	2.00	1	10/28/2025 20:02	WG2617432
Selenium	0.00321		0.000250	0.00200	1	10/28/2025 20:02	WG2617432
Sodium	210		0.142	2.00	1	10/28/2025 20:02	WG2617432
Uranium	0.0343		0.000130	0.00100	1	10/28/2025 20:02	WG2617432
Uranium,Dissolved	0.0373		0.000130	0.00100	1	11/11/2025 10:55	WG2617445

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2550		50.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	60.9		5.47	10.0	10	10/09/2025 23:16	WG2617331
Fluoride	0.905	J	0.761	1.50	10	10/09/2025 23:16	WG2617331
Nitrate as (N)	1.65		0.884	1.00	10	10/09/2025 23:16	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/09/2025 23:16	WG2617331
Sulfate	1430		63.7	500	100	10/10/2025 04:19	WG2617331

Sample Narrative:

L1906275-14 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.186	J	0.0232	0.200	1	10/10/2025 11:59	WG2617448
Boron,Dissolved	0.196	J	0.0232	0.200	1	10/12/2025 20:09	WG2617819

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00233		0.000120	0.00200	1	10/28/2025 20:20	WG2617432
Arsenic,Dissolved	0.00214		0.000120	0.00200	1	11/11/2025 10:58	WG2617445
Barium	0.00860		0.000500	0.00200	1	10/28/2025 20:20	WG2617432
Calcium	502		0.0925	1.00	1	10/28/2025 20:20	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 20:20	WG2617432
Iron	0.0226	J	0.0226	0.100	1	10/28/2025 20:20	WG2617432
Iron,Dissolved	U		0.0226	0.100	1	11/11/2025 10:58	WG2617445
Lead	U		0.000500	0.00200	1	10/28/2025 20:20	WG2617432
Manganese	0.00640		0.000700	0.00500	1	10/28/2025 20:20	WG2617432
Manganese,Dissolved	0.00705		0.000700	0.00500	1	11/11/2025 10:58	WG2617445
Potassium	1.07	J	0.0965	2.00	1	10/28/2025 20:20	WG2617432
Selenium	0.00555		0.000250	0.00200	1	10/28/2025 20:20	WG2617432
Sodium	59.5		0.142	2.00	1	10/28/2025 20:20	WG2617432
Uranium	0.0215		0.000130	0.00100	1	10/28/2025 20:20	WG2617432
Uranium,Dissolved	0.0237		0.000130	0.00100	1	11/11/2025 10:58	WG2617445

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	ND		10.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	0.944	J	0.547	1.00	1	10/09/2025 23:28	WG2617331
Fluoride	U		0.0761	0.150	1	10/09/2025 23:28	WG2617331
Nitrate as (N)	U		0.0884	0.100	1	10/09/2025 23:28	WG2617331
Nitrite as (N)	U		0.0794	0.100	1	10/09/2025 23:28	WG2617331
Sulfate	U		0.637	5.00	1	10/09/2025 23:28	WG2617331

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.000145	J	0.000120	0.00200	1	10/28/2025 20:23	WG2617432
Barium	0.000597	J	0.000500	0.00200	1	10/28/2025 20:23	WG2617432
Calcium	0.290	J	0.0925	1.00	1	10/28/2025 20:23	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 20:23	WG2617432
Iron	U		0.0226	0.100	1	10/28/2025 20:23	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 20:23	WG2617432
Manganese	U		0.000700	0.00500	1	10/28/2025 20:23	WG2617432
Potassium	U		0.0965	2.00	1	10/28/2025 20:23	WG2617432
Selenium	U		0.000250	0.00200	1	10/28/2025 20:23	WG2617432
Sodium	0.616	J	0.142	2.00	1	10/28/2025 20:23	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 05:48	WG2618307
(S) a,a,a-Trifluorotoluene(FID)	*98.4*			*78.0-120*		*10/11/2025 05:48*	WG2618307

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 05:24	WG2617742
(S) o-Terphenyl	*91.6*			*52.0-156*		*10/15/2025 05:24*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2120		50.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	155		5.47	10.0	10	10/10/2025 00:17	WG2617331
Fluoride	U		0.761	1.50	10	10/10/2025 00:17	WG2617331
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 00:17	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 00:17	WG2617331
Sulfate	926		6.37	50.0	10	10/10/2025 00:17	WG2617331

Sample Narrative:

L1906275-16 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000465	J	0.000120	0.00200	1	10/28/2025 18:24	WG2617432
Barium	0.0540		0.000500	0.00200	1	10/28/2025 18:24	WG2617432
Calcium	299		0.0925	1.00	1	10/28/2025 18:24	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 18:24	WG2617432
Iron	0.400		0.0226	0.100	1	10/28/2025 18:24	WG2617432
Lead	0.00177	J	0.000500	0.00200	1	10/28/2025 18:24	WG2617432
Manganese	1.06		0.000700	0.00500	1	10/28/2025 18:24	WG2617432
Potassium	0.537	J	0.0965	2.00	1	10/28/2025 18:24	WG2617432
Selenium	U		0.000250	0.00200	1	10/28/2025 18:24	WG2617432
Sodium	158		0.142	2.00	1	10/28/2025 18:24	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.52		0.0594	0.100	1	10/11/2025 07:18	WG2618307
(S) a,a,a-Trifluorotoluene(FID)	*85.9*			*78.0-120*		*10/11/2025 07:18*	WG2618307

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 07:43	WG2618296
Benzene	0.190		0.000320	0.00100	1	10/11/2025 07:43	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 07:43	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 07:43	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 07:43	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 07:43	WG2618296
sec-Butylbenzene	0.00113		0.000355	0.00100	1	10/11/2025 07:43	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 07:43	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 07:43	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 07:43	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 07:43	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 07:43	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 07:43	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 07:43	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 07:43	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 07:43	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 07:43	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 07:43	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 07:43	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 07:43	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 07:43	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 07:43	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 07:43	WG2618296
Ethylbenzene	0.0241		0.000234	0.00100	1	10/11/2025 07:43	WG2618296
Isopropylbenzene	0.00530		0.000105	0.00100	1	10/11/2025 07:43	WG2618296
p-Isopropyltoluene	0.000463	J	0.000345	0.00100	1	10/11/2025 07:43	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 07:43	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 07:43	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 07:43	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 07:43	WG2618296
Methyl tert-butyl ether	0.0109		0.000357	0.00100	1	10/11/2025 07:43	WG2618296
Naphthalene	0.00501		0.00264	0.00500	1	10/11/2025 07:43	WG2618296
n-Propylbenzene	0.00687		0.000239	0.00100	1	10/11/2025 07:43	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 07:43	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 07:43	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 07:43	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 07:43	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 07:43	WG2618296
Toluene	0.00201		0.000274	0.00100	1	10/11/2025 07:43	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 07:43	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 07:43	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 07:43	WG2618296
1,2,4-Trimethylbenzene	0.0246		0.000274	0.00200	1	10/11/2025 07:43	WG2618296
1,3,5-Trimethylbenzene	0.000440	J	0.000266	0.00100	1	10/11/2025 07:43	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 07:43	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 07:43	WG2618296
m&p-Xylene	0.0317		0.000549	0.00200	1	10/11/2025 07:43	WG2618296
Xylenes, Total	0.0317		0.000319	0.00300	1	10/11/2025 07:43	WG2618296
(S) Toluene-d8	*106*			*80.0-120*		*10/11/2025 07:43*	WG2618296
(S) 4-Bromofluorobenzene	*95.2*			*77.0-126*		*10/11/2025 07:43*	WG2618296
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*10/11/2025 07:43*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.269		0.0605	0.100	1	10/15/2025 04:11	WG2617742
(S) o-Terphenyl	*94.7*			*52.0-156*		*10/15/2025 04:11*	WG2617742

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4200		50.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	272		5.47	10.0	10	10/10/2025 00:29	WG2617331
Fluoride	1.17	J	0.761	1.50	10	10/10/2025 00:29	WG2617331
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 00:29	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 00:29	WG2617331
Sulfate	2330		63.7	500	100	10/10/2025 05:05	WG2617331

Sample Narrative:

L1906275-17 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.662		0.0232	0.200	1	10/10/2025 12:04	WG2617448

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00977		0.000120	0.00200	1	10/28/2025 20:26	WG2617432
Barium	0.00965		0.000500	0.00200	1	10/28/2025 20:26	WG2617432
Calcium	492		0.0925	1.00	1	10/28/2025 20:26	WG2617432
Chromium	0.00133	J	0.000900	0.00200	1	10/28/2025 20:26	WG2617432
Iron	0.560		0.0226	0.100	1	10/28/2025 20:26	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 20:26	WG2617432
Manganese	0.0128		0.000700	0.00500	1	10/28/2025 20:26	WG2617432
Potassium	1.86	J	0.0965	2.00	1	10/28/2025 20:26	WG2617432
Selenium	0.00437		0.000250	0.00200	1	10/28/2025 20:26	WG2617432
Sodium	236		0.142	2.00	1	10/28/2025 20:26	WG2617432
Uranium	0.0423		0.000130	0.00100	1	10/28/2025 20:26	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 07:40	WG2618307
(S) a,a,a-Trifluorotoluene(FID)	*97.8*			*78.0-120*		*10/11/2025 07:40*	WG2618307

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 08:03	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 08:03	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 08:03	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 08:03	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 08:03	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 08:03	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 08:03	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 08:03	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 08:03	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 08:03	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 08:03	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 08:03	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 08:03	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 08:03	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 08:03	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 08:03	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 08:03	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 08:03	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 08:03	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 08:03	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 08:03	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 08:03	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 08:03	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 08:03	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 08:03	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 08:03	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 08:03	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 08:03	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 08:03	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 08:03	WG2618296
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 08:03	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 08:03	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 08:03	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 08:03	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 08:03	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 08:03	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 08:03	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 08:03	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 08:03	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 08:03	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 08:03	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 08:03	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 08:03	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 08:03	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 08:03	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 08:03	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 08:03	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 08:03	WG2618296
(S) Toluene-d8	*107*			*80.0-120*		*10/11/2025 08:03*	WG2618296
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*10/11/2025 08:03*	WG2618296
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/11/2025 08:03*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 04:36	WG2617742
(S) o-Terphenyl	*90.0*			*52.0-156*		*10/15/2025 04:36*	WG2617742

Received by OCD: 6/15/2026 7:23:14 PM

RA-11SR
Collected date/time: 10/08/25 08:00
L1906275

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2270		50.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	157		2.74	5.00	5	10/10/2025 00:41	WG2617331
Fluoride	0.484	J	0.380	0.750	5	10/10/2025 00:41	WG2617331
Nitrate as (N)	1.20		0.442	0.500	5	10/10/2025 00:41	WG2617331
Nitrite as (N)	U		0.397	0.500	5	10/10/2025 00:41	WG2617331
Sulfate	1200		31.8	250	50	10/10/2025 05:17	WG2617331

Sample Narrative:

L1906275-18 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Calcium	405		0.0925	1.00	1	10/28/2025 20:30	WG2617432
Potassium	2.33		0.0965	2.00	1	10/28/2025 20:30	WG2617432
Sodium	116		0.142	2.00	1	10/28/2025 20:30	WG2617432

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 08:24	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 08:24	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 08:24	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 08:24	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 08:24	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 08:24	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 08:24	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 08:24	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 08:24	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 08:24	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 08:24	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 08:24	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 08:24	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 08:24	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 08:24	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 08:24	WG2618296
1,2-Dichloroethane	0.000471	J	0.000395	0.00100	1	10/11/2025 08:24	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 08:24	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 08:24	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 08:24	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 08:24	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 08:24	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 08:24	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 08:24	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 08:24	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 08:24	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 08:24	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 08:24	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 08:24	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 08:24	WG2618296

Released to Imaging: 6/26/2026 3:07:01 PM

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 08:24	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 08:24	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 08:24	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 08:24	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 08:24	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 08:24	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 08:24	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 08:24	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 08:24	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 08:24	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 08:24	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 08:24	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 08:24	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 08:24	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 08:24	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 08:24	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 08:24	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 08:24	WG2618296
(S) Toluene-d8	*107*			*80.0-120*		*10/11/2025 08:24*	WG2618296
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*		*10/11/2025 08:24*	WG2618296
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/11/2025 08:24*	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.234	0.250	5	10/15/2025 21:47	WG2620734
Benzene	U		0.00160	0.00500	5	10/15/2025 21:47	WG2620734
Bromodichloromethane	U		0.00186	0.00500	5	10/15/2025 21:47	WG2620734
Bromoform	U		0.00274	0.00500	5	10/15/2025 21:47	WG2620734
Bromomethane	U	C3	0.0243	0.0250	5	10/15/2025 21:47	WG2620734
n-Butylbenzene	U		0.00258	0.00500	5	10/15/2025 21:47	WG2620734
sec-Butylbenzene	U		0.00178	0.00500	5	10/15/2025 21:47	WG2620734
Carbon disulfide	U		0.00255	0.00500	5	10/15/2025 21:47	WG2620734
Carbon tetrachloride	U		0.00180	0.00500	5	10/15/2025 21:47	WG2620734
Chlorobenzene	U		0.00133	0.00500	5	10/15/2025 21:47	WG2620734
Chlorodibromomethane	U		0.00199	0.00500	5	10/15/2025 21:47	WG2620734
Chloroethane	U		0.0140	0.0250	5	10/15/2025 21:47	WG2620734
Chloroform	U		0.00640	0.0250	5	10/15/2025 21:47	WG2620734
Chloromethane	U		0.00850	0.0250	5	10/15/2025 21:47	WG2620734
1,2-Dibromoethane	U		0.00170	0.00500	5	10/15/2025 21:47	WG2620734
1,1-Dichloroethane	U		0.00195	0.00500	5	10/15/2025 21:47	WG2620734
1,2-Dichloroethane	U		0.00198	0.00500	5	10/15/2025 21:47	WG2620734
1,1-Dichloroethene	U		0.00211	0.00500	5	10/15/2025 21:47	WG2620734
cis-1,2-Dichloroethene	U		0.00161	0.00500	5	10/15/2025 21:47	WG2620734
trans-1,2-Dichloroethene	U		0.00174	0.00500	5	10/15/2025 21:47	WG2620734
1,2-Dichloropropane	U		0.00214	0.00500	5	10/15/2025 21:47	WG2620734
cis-1,3-Dichloropropene	U		0.00174	0.00500	5	10/15/2025 21:47	WG2620734
trans-1,3-Dichloropropene	U		0.00157	0.00500	5	10/15/2025 21:47	WG2620734
Ethylbenzene	U		0.00117	0.00500	5	10/15/2025 21:47	WG2620734
Isopropylbenzene	U		0.000525	0.00500	5	10/15/2025 21:47	WG2620734
p-Isopropyltoluene	U		0.00173	0.00500	5	10/15/2025 21:47	WG2620734
2-Butanone (MEK)	U		0.0450	0.100	5	10/15/2025 21:47	WG2620734
2-Hexanone	U		0.0290	0.100	5	10/15/2025 21:47	WG2620734
Methylene Chloride	U		0.00740	0.0250	5	10/15/2025 21:47	WG2620734
4-Methyl-2-pentanone (MIBK)	U		0.0376	0.100	5	10/15/2025 21:47	WG2620734
Methyl tert-butyl ether	0.199		0.00179	0.00500	5	10/15/2025 21:47	WG2620734
Naphthalene	U		0.0132	0.0250	5	10/15/2025 21:47	WG2620734
n-Propylbenzene	U		0.00120	0.00500	5	10/15/2025 21:47	WG2620734
Styrene	U		0.00171	0.00500	5	10/15/2025 21:47	WG2620734
tert-Butyl alcohol	U	C3	0.0248	0.100	5	10/15/2025 21:47	WG2620734
1,1,1,2-Tetrachloroethane	U		0.00191	0.00500	5	10/15/2025 21:47	WG2620734
1,1,2,2-Tetrachloroethane	U		0.00177	0.00500	5	10/15/2025 21:47	WG2620734
Tetrachloroethene	U		0.00179	0.00500	5	10/15/2025 21:47	WG2620734
Toluene	U		0.00137	0.00500	5	10/15/2025 21:47	WG2620734
1,1,1-Trichloroethane	U		0.00168	0.00500	5	10/15/2025 21:47	WG2620734
1,1,2-Trichloroethane	U		0.00188	0.00500	5	10/15/2025 21:47	WG2620734
Trichloroethene	U		0.00192	0.00500	5	10/15/2025 21:47	WG2620734
1,2,4-Trimethylbenzene	U		0.00137	0.0100	5	10/15/2025 21:47	WG2620734
1,3,5-Trimethylbenzene	U		0.00133	0.00500	5	10/15/2025 21:47	WG2620734
Vinyl chloride	U		0.00229	0.00500	5	10/15/2025 21:47	WG2620734
o-Xylene	U		0.00159	0.00500	5	10/15/2025 21:47	WG2620734
m&p-Xylene	U		0.00275	0.0100	5	10/15/2025 21:47	WG2620734
Xylenes, Total	U		0.00159	0.0150	5	10/15/2025 21:47	WG2620734
(S) Toluene-d8	*104*			*80.0-120*		*10/15/2025 21:47*	WG2620734
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*		*10/15/2025 21:47*	WG2620734
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/15/2025 21:47*	WG2620734

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5190		100	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	612		5.47	10.0	10	10/10/2025 00:53	WG2617331
Fluoride	1.51		0.761	1.50	10	10/10/2025 00:53	WG2617331
Nitrate as (N)	4.64		0.884	1.00	10	10/10/2025 00:53	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 00:53	WG2617331
Sulfate	2290		63.7	500	100	10/10/2025 05:28	WG2617331

Sample Narrative:

L1906275-20 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00482		0.000120	0.00200	1	10/28/2025 20:33	WG2617432
Barium	0.00928		0.000500	0.00200	1	10/28/2025 20:33	WG2617432
Calcium	540		0.0925	1.00	1	10/28/2025 20:33	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 20:33	WG2617432
Iron	U		0.0226	0.100	1	10/28/2025 20:33	WG2617432
Lead	U		0.000500	0.00200	1	10/28/2025 20:33	WG2617432
Manganese	0.150		0.000700	0.00500	1	10/28/2025 20:33	WG2617432
Potassium	2.14		0.0965	2.00	1	10/28/2025 20:33	WG2617432
Selenium	0.0728		0.000250	0.00200	1	10/28/2025 20:33	WG2617432
Sodium	437		0.142	2.00	1	10/28/2025 20:33	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.172		0.0594	0.100	1	10/11/2025 08:03	WG2618307
(S) a,a,a-Trifluorotoluene(FID)	*98.2*			*78.0-120*		*10/11/2025 08:03*	WG2618307

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 08:44	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 08:44	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 08:44	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 08:44	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 08:44	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 08:44	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 08:44	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 08:44	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 08:44	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 08:44	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 08:44	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 08:44	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 08:44	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 08:44	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 08:44	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 08:44	WG2618296

MW-21
Collected date/time: 10/08/25 08:50
L1906275

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 08:44	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 08:44	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 08:44	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 08:44	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 08:44	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 08:44	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 08:44	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 08:44	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 08:44	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 08:44	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 08:44	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 08:44	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 08:44	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 08:44	WG2618296
Methyl tert-butyl ether	0.190		0.000357	0.00100	1	10/11/2025 08:44	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 08:44	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 08:44	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 08:44	WG2618296
tert-Butyl alcohol	0.0131	J	0.00496	0.0200	1	10/11/2025 08:44	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 08:44	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 08:44	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 08:44	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 08:44	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 08:44	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 08:44	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 08:44	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 08:44	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 08:44	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 08:44	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 08:44	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 08:44	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 08:44	WG2618296
(S) Toluene-d8	*109*			*80.0-120*		*10/11/2025 08:44*	WG2618296
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*10/11/2025 08:44*	WG2618296
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/11/2025 08:44*	WG2618296

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00000577	0.0000210	1.05	10/14/2025 15:15	WG2619281

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.305		0.0605	0.100	1	10/15/2025 06:37	WG2617742
(S) o-Terphenyl	*88.4*			*52.0-156*		*10/15/2025 06:37*	WG2617742

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0968	J	0.0594	0.100	1	10/11/2025 08:25	WG2618307
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*78.0-120*		*10/11/2025 08:25*	WG2618307

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 09:04	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 09:04	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 09:04	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 09:04	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 09:04	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 09:04	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 09:04	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 09:04	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 09:04	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 09:04	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 09:04	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 09:04	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 09:04	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 09:04	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 09:04	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 09:04	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 09:04	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 09:04	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 09:04	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 09:04	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 09:04	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 09:04	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 09:04	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 09:04	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 09:04	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 09:04	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 09:04	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 09:04	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 09:04	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 09:04	WG2618296
Methyl tert-butyl ether	0.0965		0.000357	0.00100	1	10/11/2025 09:04	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 09:04	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 09:04	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 09:04	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 09:04	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 09:04	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 09:04	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 09:04	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 09:04	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 09:04	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 09:04	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 09:04	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 09:04	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 09:04	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 09:04	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 09:04	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 09:04	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 09:04	WG2618296
(S) Toluene-d8	*108*			*80.0-120*		*10/11/2025 09:04*	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) 4-Bromofluorobenzene	*96.4*			*77.0-126*		*10/11/2025 09:04*	WG2618296
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/11/2025 09:04*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.312		0.0605	0.100	1	10/15/2025 07:02	WG2617742
(S) o-Terphenyl	*95.8*			*52.0-156*		*10/15/2025 07:02*	WG2617742

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 08:48	WG2618307
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*78.0-120*		*10/11/2025 08:48*	WG2618307

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 09:25	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 09:25	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 09:25	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 09:25	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 09:25	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 09:25	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 09:25	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 09:25	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 09:25	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 09:25	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 09:25	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 09:25	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 09:25	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 09:25	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 09:25	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 09:25	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 09:25	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 09:25	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 09:25	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 09:25	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 09:25	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 09:25	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 09:25	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 09:25	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 09:25	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 09:25	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 09:25	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 09:25	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 09:25	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 09:25	WG2618296
Methyl tert-butyl ether	0.0286		0.000357	0.00100	1	10/11/2025 09:25	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 09:25	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 09:25	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 09:25	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 09:25	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 09:25	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 09:25	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 09:25	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 09:25	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 09:25	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 09:25	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 09:25	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 09:25	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 09:25	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 09:25	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 09:25	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 09:25	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 09:25	WG2618296
(S) Toluene-d8	*108*			*80.0-120*		*10/11/2025 09:25*	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*10/11/2025 09:25*	WG2618296
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/11/2025 09:25*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.140		0.0605	0.100	1	10/15/2025 07:26	WG2617742
(S) o-Terphenyl	*92.6*			*52.0-156*		*10/15/2025 07:26*	WG2617742

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 09:10	WG2618307
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*78.0-120*		*10/11/2025 09:10*	WG2618307

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 09:45	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 09:45	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 09:45	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 09:45	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 09:45	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 09:45	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 09:45	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 09:45	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 09:45	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 09:45	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 09:45	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 09:45	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 09:45	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 09:45	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 09:45	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 09:45	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 09:45	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 09:45	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 09:45	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 09:45	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 09:45	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 09:45	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 09:45	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 09:45	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 09:45	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 09:45	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 09:45	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 09:45	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 09:45	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 09:45	WG2618296
Methyl tert-butyl ether	0.0153		0.000357	0.00100	1	10/11/2025 09:45	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 09:45	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 09:45	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 09:45	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 09:45	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 09:45	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 09:45	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 09:45	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 09:45	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 09:45	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 09:45	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 09:45	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 09:45	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 09:45	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 09:45	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 09:45	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 09:45	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 09:45	WG2618296
(S) Toluene-d8	*107*			*80.0-120*		*10/11/2025 09:45*	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*		*10/11/2025 09:45*	WG2618296
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*10/11/2025 09:45*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.191		0.0605	0.100	1	10/15/2025 07:50	WG2617742
(S) o-Terphenyl	*92.6*			*52.0-156*		*10/15/2025 07:50*	WG2617742

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 09:33	WG2618307
(S) a,a,a-Trifluorotoluene(FID)	*97.5*			*78.0-120*		*10/11/2025 09:33*	WG2618307

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 10:06	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 10:06	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 10:06	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 10:06	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 10:06	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 10:06	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 10:06	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 10:06	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 10:06	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 10:06	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 10:06	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 10:06	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 10:06	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 10:06	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 10:06	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 10:06	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 10:06	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 10:06	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 10:06	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 10:06	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 10:06	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 10:06	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 10:06	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 10:06	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 10:06	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 10:06	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 10:06	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 10:06	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 10:06	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 10:06	WG2618296
Methyl tert-butyl ether	0.00475		0.000357	0.00100	1	10/11/2025 10:06	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 10:06	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 10:06	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 10:06	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 10:06	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 10:06	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 10:06	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 10:06	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 10:06	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 10:06	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 10:06	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 10:06	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 10:06	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 10:06	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 10:06	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 10:06	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 10:06	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 10:06	WG2618296
(S) Toluene-d8	*108*			*80.0-120*		*10/11/2025 10:06*	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) 4-Bromofluorobenzene	*96.2*			*77.0-126*		*10/11/2025 10:06*	WG2618296
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/11/2025 10:06*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.106		0.0605	0.100	1	10/15/2025 04:41	WG2617746
(S) o-Terphenyl	*75.8*			*52.0-156*		*10/15/2025 04:41*	WG2617746

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 04:12	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*78.0-120*		*10/11/2025 04:12*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 10:26	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 10:26	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 10:26	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 10:26	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 10:26	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 10:26	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 10:26	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 10:26	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 10:26	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 10:26	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 10:26	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 10:26	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 10:26	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 10:26	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 10:26	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 10:26	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 10:26	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 10:26	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 10:26	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 10:26	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 10:26	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 10:26	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 10:26	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 10:26	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 10:26	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 10:26	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 10:26	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 10:26	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 10:26	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 10:26	WG2618296
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 10:26	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 10:26	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 10:26	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 10:26	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 10:26	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 10:26	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 10:26	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 10:26	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 10:26	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 10:26	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 10:26	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 10:26	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 10:26	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 10:26	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 10:26	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 10:26	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 10:26	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 10:26	WG2618296
(S) Toluene-d8	*108*			*80.0-120*		*10/11/2025 10:26*	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
(S) 4-Bromofluorobenzene	*95.9*			*77.0-126*		*10/11/2025 10:26*	WG2618296
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*10/11/2025 10:26*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 05:01	WG2617746
(S) o-Terphenyl	*81.1*			*52.0-156*		*10/15/2025 05:01*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2200		50.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	163		2.74	5.00	5	10/10/2025 01:05	WG2617331
Fluoride	0.554	J	0.380	0.750	5	10/10/2025 01:05	WG2617331
Nitrate as (N)	U		0.442	0.500	5	10/10/2025 01:05	WG2617331
Nitrite as (N)	U		0.397	0.500	5	10/10/2025 01:05	WG2617331
Sulfate	897		31.8	250	50	10/10/2025 05:40	WG2617331

Sample Narrative:

L1906275-26 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000480	J	0.000120	0.00200	1	10/28/2025 20:36	WG2617432
Barium	0.0560		0.000500	0.00200	1	10/28/2025 20:36	WG2617432
Calcium	293		0.0925	1.00	1	10/28/2025 20:36	WG2617432
Chromium	U		0.000900	0.00200	1	10/28/2025 20:36	WG2617432
Iron	0.382		0.0226	0.100	1	10/28/2025 20:36	WG2617432
Lead	0.00140	J	0.000500	0.00200	1	10/28/2025 20:36	WG2617432
Manganese	1.05		0.000700	0.00500	1	10/28/2025 20:36	WG2617432
Potassium	0.578	J	0.0965	2.00	1	10/28/2025 20:36	WG2617432
Selenium	U		0.000250	0.00200	1	10/28/2025 20:36	WG2617432
Sodium	176		0.142	2.00	1	10/28/2025 20:36	WG2617432

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.57		0.0594	0.100	1	10/11/2025 04:33	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*91.4*			*78.0-120*		*10/11/2025 04:33*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 10:47	WG2618296
Benzene	0.247		0.00160	0.00500	5	10/15/2025 15:17	WG2620731
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 10:47	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 10:47	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 10:47	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 10:47	WG2618296
sec-Butylbenzene	0.00125		0.000355	0.00100	1	10/11/2025 10:47	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 10:47	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 10:47	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 10:47	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 10:47	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 10:47	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 10:47	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 10:47	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 10:47	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 10:47	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 10:47	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 10:47	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 10:47	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 10:47	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 10:47	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 10:47	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 10:47	WG2618296
Ethylbenzene	0.0264		0.000234	0.00100	1	10/11/2025 10:47	WG2618296
Isopropylbenzene	0.00597		0.000105	0.00100	1	10/11/2025 10:47	WG2618296
p-Isopropyltoluene	0.000412	J	0.000345	0.00100	1	10/11/2025 10:47	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 10:47	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 10:47	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 10:47	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 10:47	WG2618296
Methyl tert-butyl ether	0.0115		0.000357	0.00100	1	10/11/2025 10:47	WG2618296
Naphthalene	0.00513		0.00264	0.00500	1	10/11/2025 10:47	WG2618296
n-Propylbenzene	0.00761		0.000239	0.00100	1	10/11/2025 10:47	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 10:47	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 10:47	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 10:47	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 10:47	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 10:47	WG2618296
Toluene	0.00217		0.000274	0.00100	1	10/11/2025 10:47	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 10:47	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 10:47	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 10:47	WG2618296
1,2,4-Trimethylbenzene	0.0262		0.000274	0.00200	1	10/11/2025 10:47	WG2618296
1,3,5-Trimethylbenzene	0.000494	J	0.000266	0.00100	1	10/11/2025 10:47	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 10:47	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 10:47	WG2618296
m&p-Xylene	0.0350		0.000549	0.00200	1	10/11/2025 10:47	WG2618296
Xylenes, Total	0.0350		0.000319	0.00300	1	10/11/2025 10:47	WG2618296
(S) Toluene-d8	*106*			*80.0-120*		*10/11/2025 10:47*	WG2618296
(S) Toluene-d8	*103*			*80.0-120*		*10/15/2025 15:17*	WG2620731
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*10/11/2025 10:47*	WG2618296
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*10/15/2025 15:17*	WG2620731
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/11/2025 10:47*	WG2618296
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*10/15/2025 15:17*	WG2620731

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.199		0.0605	0.100	1	10/15/2025 05:21	WG2617746
(S) o-Terphenyl	*75.8*			*52.0-156*		*10/15/2025 05:21*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	11.0		10.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	1.91		0.547	1.00	1	10/10/2025 01:17	WG2617331
Fluoride	U		0.0761	0.150	1	10/10/2025 01:17	WG2617331
Nitrate as (N)	U		0.0884	0.100	1	10/10/2025 01:17	WG2617331
Nitrite as (N)	U		0.0794	0.100	1	10/10/2025 01:17	WG2617331
Sulfate	1.13	J	0.637	5.00	1	10/10/2025 01:17	WG2617331

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	10/29/2025 18:03	WG2617433
Barium	0.00348		0.000500	0.00200	1	10/29/2025 18:03	WG2617433
Calcium	1.26		0.0925	1.00	1	10/29/2025 18:03	WG2617433
Chromium	U		0.000900	0.00200	1	10/29/2025 18:03	WG2617433
Iron	U		0.0226	0.100	1	10/29/2025 18:03	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 18:03	WG2617433
Manganese	0.00181	J	0.000700	0.00500	1	10/29/2025 18:03	WG2617433
Potassium	0.443	J	0.0965	2.00	1	10/29/2025 18:03	WG2617433
Selenium	U		0.000250	0.00200	1	10/29/2025 18:03	WG2617433
Sodium	3.20		0.142	2.00	1	10/29/2025 18:03	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 02:23	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*78.0-120*		*10/11/2025 02:23*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 12:49	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 12:49	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 12:49	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 12:49	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 12:49	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 12:49	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 12:49	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 12:49	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 12:49	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 12:49	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 12:49	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 12:49	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 12:49	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 12:49	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 12:49	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 12:49	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 12:49	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 12:49	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 12:49	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 12:49	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 12:49	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 12:49	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 12:49	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 12:49	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 12:49	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 12:49	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 12:49	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 12:49	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 12:49	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 12:49	WG2618296
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 12:49	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 12:49	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 12:49	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 12:49	WG2618296
tert-Butyl alcohol	0.0300		0.00496	0.0200	1	10/11/2025 12:49	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 12:49	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 12:49	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 12:49	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 12:49	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 12:49	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 12:49	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 12:49	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 12:49	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 12:49	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 12:49	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 12:49	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 12:49	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 12:49	WG2618296
(S) Toluene-d8	*108*			*80.0-120*		*10/11/2025 12:49*	WG2618296
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*		*10/11/2025 12:49*	WG2618296
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/11/2025 12:49*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.394		0.0605	0.100	1	10/15/2025 05:42	WG2617746
(S) o-Terphenyl	*109*			*52.0-156*		*10/15/2025 05:42*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4180		50.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	278		5.47	10.0	10	10/10/2025 01:54	WG2617331
Fluoride	1.17	J	0.761	1.50	10	10/10/2025 01:54	WG2617331
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 01:54	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 01:54	WG2617331
Sulfate	2330		63.7	500	100	10/10/2025 05:51	WG2617331

Sample Narrative:

L1906275-28 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.661		0.0232	0.200	1	10/10/2025 12:06	WG2617448

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00698		0.000120	0.00200	1	10/29/2025 18:06	WG2617433
Barium	0.00922		0.000500	0.00200	1	10/29/2025 18:06	WG2617433
Calcium	476		0.0925	1.00	1	10/29/2025 18:06	WG2617433
Chromium	0.00143	J	0.000900	0.00200	1	10/29/2025 18:06	WG2617433
Iron	0.328		0.0226	0.100	1	10/29/2025 18:06	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 18:06	WG2617433
Manganese	0.0126		0.000700	0.00500	1	10/29/2025 18:06	WG2617433
Potassium	1.67	J	0.0965	2.00	1	10/29/2025 18:06	WG2617433
Selenium	0.00390		0.000250	0.00200	1	10/29/2025 18:06	WG2617433
Sodium	225		0.142	2.00	1	10/29/2025 18:06	WG2617433
Uranium	0.0469		0.000130	0.00100	1	10/29/2025 18:06	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 04:55	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.2*			*78.0-120*		*10/11/2025 04:55*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 11:07	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 11:07	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 11:07	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 11:07	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 11:07	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 11:07	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 11:07	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 11:07	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 11:07	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 11:07	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 11:07	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 11:07	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 11:07	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 11:07	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 11:07	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 11:07	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 11:07	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 11:07	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 11:07	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 11:07	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 11:07	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 11:07	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 11:07	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 11:07	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 11:07	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 11:07	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 11:07	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 11:07	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 11:07	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 11:07	WG2618296
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 11:07	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 11:07	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 11:07	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 11:07	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 11:07	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 11:07	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 11:07	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 11:07	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 11:07	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 11:07	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 11:07	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 11:07	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 11:07	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 11:07	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 11:07	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 11:07	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 11:07	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 11:07	WG2618296
(S) Toluene-d8	*108*			*80.0-120*		*10/11/2025 11:07*	WG2618296
(S) 4-Bromofluorobenzene	*96.2*			*77.0-126*		*10/11/2025 11:07*	WG2618296
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/11/2025 11:07*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 06:02	WG2617746
(S) o-Terphenyl	*70.0*			*52.0-156*		*10/15/2025 06:02*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	12.0	P1	10.0	1	10/13/2025 12:49	WG2618149

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	2.06		0.547	1.00	1	10/10/2025 02:06	WG2617331
Fluoride	U		0.0761	0.150	1	10/10/2025 02:06	WG2617331
Nitrate as (N)	U		0.0884	0.100	1	10/10/2025 02:06	WG2617331
Nitrite as (N)	U		0.0794	0.100	1	10/10/2025 02:06	WG2617331
Sulfate	1.33	J	0.637	5.00	1	10/10/2025 02:06	WG2617331

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.0373	J	0.0232	0.200	1	10/10/2025 12:08	WG2617448

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000166	J	0.000120	0.00200	1	10/29/2025 18:24	WG2617433
Barium	0.00316		0.000500	0.00200	1	10/29/2025 18:24	WG2617433
Calcium	1.84		0.0925	1.00	1	10/29/2025 18:24	WG2617433
Chromium	0.00102	J	0.000900	0.00200	1	10/29/2025 18:24	WG2617433
Iron	U		0.0226	0.100	1	10/29/2025 18:24	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 18:24	WG2617433
Manganese	0.00187	J	0.000700	0.00500	1	10/29/2025 18:24	WG2617433
Potassium	0.455	J	0.0965	2.00	1	10/29/2025 18:24	WG2617433
Selenium	U		0.000250	0.00200	1	10/29/2025 18:24	WG2617433
Sodium	3.72		0.142	2.00	1	10/29/2025 18:24	WG2617433
Uranium	U		0.000130	0.00100	1	10/29/2025 18:24	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 02:45	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.6*			*78.0-120*		*10/11/2025 02:45*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 13:09	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 13:09	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 13:09	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 13:09	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 13:09	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 13:09	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 13:09	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 13:09	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 13:09	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 13:09	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 13:09	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 13:09	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 13:09	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloromethane	U		0.00170	0.00500	1	10/11/2025 13:09	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 13:09	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 13:09	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 13:09	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 13:09	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 13:09	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 13:09	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 13:09	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 13:09	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 13:09	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 13:09	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 13:09	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 13:09	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 13:09	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 13:09	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 13:09	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 13:09	WG2618296
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 13:09	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 13:09	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 13:09	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 13:09	WG2618296
tert-Butyl alcohol	0.0304		0.00496	0.0200	1	10/11/2025 13:09	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 13:09	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 13:09	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 13:09	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 13:09	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 13:09	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 13:09	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 13:09	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 13:09	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 13:09	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 13:09	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 13:09	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 13:09	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 13:09	WG2618296
(S) Toluene-d8	*108*			*80.0-120*		*10/11/2025 13:09*	WG2618296
(S) 4-Bromofluorobenzene	*95.2*			*77.0-126*		*10/11/2025 13:09*	WG2618296
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/11/2025 13:09*	WG2618296

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.423		0.0605	0.100	1	10/15/2025 06:22	WG2617746
(S) o-Terphenyl	*109*			*52.0-156*		*10/15/2025 06:22*	WG2617746

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0469	0.0500	1	10/11/2025 12:08	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 12:08	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 12:08	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 12:08	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 12:08	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 12:08	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 12:08	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 12:08	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 12:08	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 12:08	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 12:08	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 12:08	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 12:08	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 12:08	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 12:08	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 12:08	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 12:08	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 12:08	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 12:08	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 12:08	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 12:08	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 12:08	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 12:08	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 12:08	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 12:08	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 12:08	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 12:08	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 12:08	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 12:08	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 12:08	WG2618296
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 12:08	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 12:08	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 12:08	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 12:08	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 12:08	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 12:08	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 12:08	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 12:08	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 12:08	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 12:08	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 12:08	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 12:08	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 12:08	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 12:08	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 12:08	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 12:08	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 12:08	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 12:08	WG2618296
(S) Toluene-d8	*108*			*80.0-120*		*10/11/2025 12:08*	WG2618296
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*10/11/2025 12:08*	WG2618296
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/11/2025 12:08*	WG2618296

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 12:29	WG2618296
Benzene	U		0.000320	0.00100	1	10/11/2025 12:29	WG2618296
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 12:29	WG2618296
Bromoform	U	C3	0.000548	0.00100	1	10/11/2025 12:29	WG2618296
Bromomethane	U		0.00485	0.00500	1	10/11/2025 12:29	WG2618296
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 12:29	WG2618296
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 12:29	WG2618296
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 12:29	WG2618296
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 12:29	WG2618296
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 12:29	WG2618296
Chlorodibromomethane	U	J4	0.000398	0.00100	1	10/11/2025 12:29	WG2618296
Chloroethane	U		0.00279	0.00500	1	10/11/2025 12:29	WG2618296
Chloroform	U		0.00128	0.00500	1	10/11/2025 12:29	WG2618296
Chloromethane	U		0.00170	0.00500	1	10/11/2025 12:29	WG2618296
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 12:29	WG2618296
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 12:29	WG2618296
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 12:29	WG2618296
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 12:29	WG2618296
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 12:29	WG2618296
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 12:29	WG2618296
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 12:29	WG2618296
cis-1,3-Dichloropropene	U	J4	0.000348	0.00100	1	10/11/2025 12:29	WG2618296
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 12:29	WG2618296
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 12:29	WG2618296
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 12:29	WG2618296
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 12:29	WG2618296
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 12:29	WG2618296
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 12:29	WG2618296
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 12:29	WG2618296
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 12:29	WG2618296
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 12:29	WG2618296
Naphthalene	U		0.00264	0.00500	1	10/11/2025 12:29	WG2618296
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 12:29	WG2618296
Styrene	U		0.000342	0.00100	1	10/11/2025 12:29	WG2618296
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 12:29	WG2618296
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 12:29	WG2618296
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 12:29	WG2618296
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 12:29	WG2618296
Toluene	U		0.000274	0.00100	1	10/11/2025 12:29	WG2618296
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 12:29	WG2618296
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 12:29	WG2618296
Trichloroethene	U	J4	0.000383	0.00100	1	10/11/2025 12:29	WG2618296
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 12:29	WG2618296
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 12:29	WG2618296
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 12:29	WG2618296
o-Xylene	U		0.000319	0.00100	1	10/11/2025 12:29	WG2618296
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 12:29	WG2618296
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 12:29	WG2618296
(S) Toluene-d8	*108*			*80.0-120*		*10/11/2025 12:29*	WG2618296
(S) 4-Bromofluorobenzene	*96.8*			*77.0-126*		*10/11/2025 12:29*	WG2618296
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/11/2025 12:29*	WG2618296

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	2390		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	182		5.47	10.0	10	10/10/2025 02:42	WG2617331
Fluoride	2.70		0.761	1.50	10	10/10/2025 02:42	WG2617331
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 02:42	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 02:42	WG2617331
Sulfate	1070		63.7	500	100	10/10/2025 06:03	WG2617331

Sample Narrative:

L1906275-32 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.432		0.0232	0.200	1	10/10/2025 12:09	WG2617448
Boron,Dissolved	0.440		0.0232	0.200	1	10/12/2025 20:11	WG2617819

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00265		0.000120	0.00200	1	10/29/2025 18:27	WG2617433
Arsenic,Dissolved	0.00292		0.000120	0.00200	1	11/11/2025 11:01	WG2617445
Barium	0.0132		0.000500	0.00200	1	10/29/2025 18:27	WG2617433
Calcium	355		0.0925	1.00	1	10/29/2025 18:27	WG2617433
Chromium	0.00150	J	0.000900	0.00200	1	10/29/2025 18:27	WG2617433
Iron	0.255		0.0226	0.100	1	10/29/2025 18:27	WG2617433
Iron,Dissolved	U		0.0226	0.100	1	11/11/2025 11:01	WG2617445
Lead	0.000516	J	0.000500	0.00200	1	10/29/2025 18:27	WG2617433
Manganese	0.0156		0.000700	0.00500	1	10/29/2025 18:27	WG2617433
Manganese,Dissolved	0.00293	J	0.000700	0.00500	1	11/11/2025 11:01	WG2617445
Potassium	4.99		0.0965	2.00	1	10/29/2025 18:27	WG2617433
Selenium	0.00161	J	0.000250	0.00200	1	10/29/2025 18:27	WG2617433
Sodium	166		0.142	2.00	1	10/29/2025 18:27	WG2617433
Uranium	0.00988		0.000130	0.00100	1	10/29/2025 18:27	WG2617433
Uranium,Dissolved	0.00941		0.000130	0.00100	1	11/11/2025 11:01	WG2617445

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 05:16	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*78.0-120*		*10/11/2025 05:16*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0469	0.0500	1	10/11/2025 10:50	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 10:50	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 10:50	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 10:50	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 10:50	WG2618374

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 10:50	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 10:50	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 10:50	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 10:50	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 10:50	WG2618374
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 10:50	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 10:50	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 10:50	WG2618374
Chloromethane	U		0.00170	0.00500	1	10/11/2025 10:50	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 10:50	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 10:50	WG2618374
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 10:50	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 10:50	WG2618374
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 10:50	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 10:50	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 10:50	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 10:50	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 10:50	WG2618374
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 10:50	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 10:50	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 10:50	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 10:50	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 10:50	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 10:50	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 10:50	WG2618374
Methyl tert-butyl ether	0.00184		0.000357	0.00100	1	10/11/2025 10:50	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 10:50	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 10:50	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 10:50	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 10:50	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 10:50	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 10:50	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 10:50	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 10:50	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 10:50	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 10:50	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 10:50	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 10:50	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 10:50	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 10:50	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 10:50	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 10:50	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 10:50	WG2618374
(S) Toluene-d8	*105*			*80.0-120*		*10/11/2025 10:50*	WG2618374
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*10/11/2025 10:50*	WG2618374
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/11/2025 10:50*	WG2618374

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.222		0.0605	0.100	1	10/15/2025 06:43	WG2617746
(S) o-Terphenyl	*70.0*			*52.0-156*		*10/15/2025 06:43*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	4590		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	239		5.47	10.0	10	10/10/2025 02:54	WG2617331
Fluoride	3.33		0.761	1.50	10	10/10/2025 02:54	WG2617331
Nitrate as (N)	1.74		0.884	1.00	10	10/10/2025 02:54	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 02:54	WG2617331
Sulfate	2570		63.7	500	100	10/10/2025 06:14	WG2617331

Sample Narrative:

L1906275-33 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Boron	0.859		0.0232	0.200	1	10/10/2025 12:11	WG2617448
Boron,Dissolved	0.894		0.0232	0.200	1	10/12/2025 20:13	WG2617819

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Arsenic	0.00457		0.000120	0.00200	1	10/29/2025 18:31	WG2617433
Arsenic,Dissolved	0.00515		0.000120	0.00200	1	11/11/2025 11:04	WG2617445
Barium	0.00866		0.000500	0.00200	1	10/29/2025 18:31	WG2617433
Calcium	554		0.0925	1.00	1	10/29/2025 18:31	WG2617433
Chromium	0.00139	J	0.000900	0.00200	1	10/29/2025 18:31	WG2617433
Iron	U		0.0226	0.100	1	10/29/2025 18:31	WG2617433
Iron,Dissolved	U		0.0226	0.100	1	11/11/2025 11:04	WG2617445
Lead	U		0.000500	0.00200	1	10/29/2025 18:31	WG2617433
Manganese	0.00134	J	0.000700	0.00500	1	10/29/2025 18:31	WG2617433
Manganese,Dissolved	0.000762	J	0.000700	0.00500	1	11/11/2025 11:04	WG2617445
Potassium	1.34	J	0.0965	2.00	1	10/29/2025 18:31	WG2617433
Selenium	0.0167		0.000250	0.00200	1	10/29/2025 18:31	WG2617433
Sodium	179		0.142	2.00	1	10/29/2025 18:31	WG2617433
Uranium	0.0541		0.000130	0.00100	1	10/29/2025 18:31	WG2617433
Uranium,Dissolved	0.0509		0.000130	0.00100	1	11/11/2025 11:04	WG2617445

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 05:38	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.2*			*78.0-120*		*10/11/2025 05:38*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0469	0.0500	1	10/11/2025 11:11	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 11:11	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 11:11	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 11:11	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 11:11	WG2618374

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 11:11	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 11:11	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 11:11	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 11:11	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 11:11	WG2618374
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 11:11	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 11:11	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 11:11	WG2618374
Chloromethane	U		0.00170	0.00500	1	10/11/2025 11:11	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 11:11	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 11:11	WG2618374
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 11:11	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 11:11	WG2618374
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 11:11	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 11:11	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 11:11	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 11:11	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 11:11	WG2618374
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 11:11	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 11:11	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 11:11	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 11:11	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 11:11	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 11:11	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 11:11	WG2618374
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 11:11	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 11:11	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 11:11	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 11:11	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 11:11	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 11:11	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 11:11	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 11:11	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 11:11	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 11:11	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 11:11	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 11:11	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 11:11	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 11:11	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 11:11	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 11:11	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 11:11	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 11:11	WG2618374
(S) Toluene-d8	*102*			*80.0-120*		*10/11/2025 11:11*	WG2618374
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*10/11/2025 11:11*	WG2618374
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*10/11/2025 11:11*	WG2618374

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 07:03	WG2617746
(S) o-Terphenyl	*75.8*			*52.0-156*		*10/15/2025 07:03*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3660		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	195		5.47	10.0	10	10/10/2025 03:07	WG2617331
Fluoride	1.45	J	0.761	1.50	10	10/10/2025 03:07	WG2617331
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 03:07	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 03:07	WG2617331
Sulfate	1950		63.7	500	100	10/10/2025 06:26	WG2617331

Sample Narrative:

L1906275-34 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.499		0.0232	0.200	1	10/10/2025 12:13	WG2617448
Boron,Dissolved	0.496		0.0232	0.200	1	10/12/2025 20:15	WG2617819

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00385		0.000120	0.00200	1	10/29/2025 18:34	WG2617433
Arsenic,Dissolved	0.00438		0.000120	0.00200	1	11/11/2025 11:07	WG2617445
Barium	0.00958		0.000500	0.00200	1	10/29/2025 18:34	WG2617433
Calcium	509		0.0925	1.00	1	10/29/2025 18:34	WG2617433
Chromium	0.00115	J	0.000900	0.00200	1	10/29/2025 18:34	WG2617433
Iron	U		0.0226	0.100	1	10/29/2025 18:34	WG2617433
Iron,Dissolved	U		0.0226	0.100	1	11/11/2025 11:07	WG2617445
Lead	U		0.000500	0.00200	1	10/29/2025 18:34	WG2617433
Manganese	0.00214	J	0.000700	0.00500	1	10/29/2025 18:34	WG2617433
Manganese,Dissolved	0.00192	J	0.000700	0.00500	1	11/11/2025 11:07	WG2617445
Potassium	0.650	J	0.0965	2.00	1	10/29/2025 18:34	WG2617433
Selenium	0.00343		0.000250	0.00200	1	10/29/2025 18:34	WG2617433
Sodium	153		0.142	2.00	1	10/29/2025 18:34	WG2617433
Uranium	0.0482		0.000130	0.00100	1	10/29/2025 18:34	WG2617433
Uranium,Dissolved	0.0467		0.000130	0.00100	1	11/11/2025 11:07	WG2617445

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 06:00	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*78.0-120*		*10/11/2025 06:00*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 11:31	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 11:31	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 11:31	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 11:31	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 11:31	WG2618374

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 11:31	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 11:31	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 11:31	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 11:31	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 11:31	WG2618374
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 11:31	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 11:31	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 11:31	WG2618374
Chloromethane	U		0.00170	0.00500	1	10/11/2025 11:31	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 11:31	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 11:31	WG2618374
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 11:31	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 11:31	WG2618374
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 11:31	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 11:31	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 11:31	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 11:31	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 11:31	WG2618374
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 11:31	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 11:31	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 11:31	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 11:31	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 11:31	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 11:31	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 11:31	WG2618374
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 11:31	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 11:31	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 11:31	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 11:31	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 11:31	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 11:31	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 11:31	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 11:31	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 11:31	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 11:31	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 11:31	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 11:31	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 11:31	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 11:31	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 11:31	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 11:31	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 11:31	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 11:31	WG2618374
(S) Toluene-d8	*104*			*80.0-120*		*10/11/2025 11:31*	WG2618374
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*10/11/2025 11:31*	WG2618374
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/11/2025 11:31*	WG2618374

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 07:23	WG2617746
(S) o-Terphenyl	*66.3*			*52.0-156*		*10/15/2025 07:23*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3680		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	119		5.47	10.0	10	10/10/2025 03:19	WG2617331
Fluoride	U		0.761	1.50	10	10/10/2025 03:19	WG2617331
Nitrate as (N)	1.68		0.884	1.00	10	10/10/2025 03:19	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 03:19	WG2617331
Sulfate	2090		63.7	500	100	10/10/2025 06:37	WG2617331

Sample Narrative:

L1906275-35 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.614		0.0232	0.200	1	10/10/2025 12:15	WG2617448

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00164	J	0.000120	0.00200	1	10/29/2025 18:37	WG2617433
Barium	0.00991		0.000500	0.00200	1	10/29/2025 18:37	WG2617433
Calcium	531		0.0925	1.00	1	10/29/2025 18:37	WG2617433
Chromium	0.00123	J	0.000900	0.00200	1	10/29/2025 18:37	WG2617433
Iron	0.0394	J	0.0226	0.100	1	10/29/2025 18:37	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 18:37	WG2617433
Manganese	0.000782	J	0.000700	0.00500	1	10/29/2025 18:37	WG2617433
Potassium	0.689	J	0.0965	2.00	1	10/29/2025 18:37	WG2617433
Selenium	0.00199	J	0.000250	0.00200	1	10/29/2025 18:37	WG2617433
Sodium	143		0.142	2.00	1	10/29/2025 18:37	WG2617433
Uranium	0.0296		0.000130	0.00100	1	10/29/2025 18:37	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 06:21	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*78.0-120*		*10/11/2025 06:21*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 11:52	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 11:52	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 11:52	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 11:52	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 11:52	WG2618374
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 11:52	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 11:52	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 11:52	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 11:52	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 11:52	WG2618374

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 11:52	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 11:52	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 11:52	WG2618374
Chloromethane	U		0.00170	0.00500	1	10/11/2025 11:52	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 11:52	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 11:52	WG2618374
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 11:52	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 11:52	WG2618374
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 11:52	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 11:52	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 11:52	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 11:52	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 11:52	WG2618374
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 11:52	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 11:52	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 11:52	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 11:52	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 11:52	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 11:52	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 11:52	WG2618374
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 11:52	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 11:52	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 11:52	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 11:52	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 11:52	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 11:52	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 11:52	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 11:52	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 11:52	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 11:52	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 11:52	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 11:52	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 11:52	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 11:52	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 11:52	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 11:52	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 11:52	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 11:52	WG2618374
(S) Toluene-d8	*102*			*80.0-120*		*10/11/2025 11:52*	WG2618374
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*10/11/2025 11:52*	WG2618374
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/11/2025 11:52*	WG2618374

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 07:43	WG2617746
(S) o-Terphenyl	*62.6*			*52.0-156*		*10/15/2025 07:43*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3350		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	114		5.47	10.0	10	10/10/2025 03:31	WG2617331
Fluoride	1.08	J	0.761	1.50	10	10/10/2025 03:31	WG2617331
Nitrate as (N)	4.94		0.884	1.00	10	10/10/2025 03:31	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 03:31	WG2617331
Sulfate	1840		63.7	500	100	10/10/2025 06:48	WG2617331

Sample Narrative:

L1906275-36 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00349		0.000120	0.00200	1	10/29/2025 20:32	WG2617433
Barium	0.0285		0.000500	0.00200	1	10/29/2025 21:51	WG2617433
Calcium	419		0.0925	1.00	1	10/29/2025 20:32	WG2617433
Chromium	0.00291		0.000900	0.00200	1	10/29/2025 20:32	WG2617433
Iron	0.717		0.0226	0.100	1	10/29/2025 20:32	WG2617433
Lead	0.00300		0.000500	0.00200	1	10/29/2025 20:32	WG2617433
Manganese	0.0280		0.000700	0.00500	1	10/29/2025 20:32	WG2617433
Potassium	0.643	J	0.0965	2.00	1	10/29/2025 20:32	WG2617433
Selenium	0.00759		0.000250	0.00200	1	10/29/2025 20:32	WG2617433
Sodium	205		0.142	2.00	1	10/29/2025 20:32	WG2617433

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 12:12	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 12:12	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 12:12	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 12:12	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 12:12	WG2618374
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 12:12	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 12:12	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 12:12	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 12:12	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 12:12	WG2618374
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 12:12	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 12:12	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 12:12	WG2618374
Chloromethane	U		0.00170	0.00500	1	10/11/2025 12:12	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 12:12	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 12:12	WG2618374
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 12:12	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 12:12	WG2618374
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 12:12	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 12:12	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 12:12	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 12:12	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 12:12	WG2618374

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 12:12	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 12:12	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 12:12	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 12:12	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 12:12	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 12:12	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 12:12	WG2618374
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 12:12	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 12:12	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 12:12	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 12:12	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 12:12	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 12:12	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 12:12	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 12:12	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 12:12	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 12:12	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 12:12	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 12:12	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 12:12	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 12:12	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 12:12	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 12:12	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 12:12	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 12:12	WG2618374
(S) Toluene-d8	*103*			*80.0-120*		*10/11/2025 12:12*	WG2618374
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*10/11/2025 12:12*	WG2618374
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*		*10/11/2025 12:12*	WG2618374

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 08:04	WG2617746
(S) o-Terphenyl	*71.1*			*52.0-156*		*10/15/2025 08:04*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3790		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	134		5.47	10.0	10	10/10/2025 03:43	WG2617331
Fluoride	0.772	J	0.761	1.50	10	10/10/2025 03:43	WG2617331
Nitrate as (N)	1.19		0.884	1.00	10	10/10/2025 03:43	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 03:43	WG2617331
Sulfate	2100		63.7	500	100	10/10/2025 07:23	WG2617331

Sample Narrative:

L1906275-37 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00168	J	0.000120	0.00200	1	10/29/2025 19:21	WG2617433
Barium	0.0122		0.000500	0.00200	1	10/29/2025 19:21	WG2617433
Calcium	487		0.0925	1.00	1	10/29/2025 19:21	WG2617433
Chromium	U		0.000900	0.00200	1	10/29/2025 19:21	WG2617433
Iron	0.0427	J	0.0226	0.100	1	10/29/2025 19:21	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 19:21	WG2617433
Manganese	0.0124		0.000700	0.00500	1	10/29/2025 19:21	WG2617433
Potassium	0.488	J	0.0965	2.00	1	10/29/2025 19:21	WG2617433
Selenium	0.00303		0.000250	0.00200	1	10/29/2025 19:21	WG2617433
Sodium	172		0.142	2.00	1	10/29/2025 19:21	WG2617433

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 12:33	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 12:33	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 12:33	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 12:33	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 12:33	WG2618374
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 12:33	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 12:33	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 12:33	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 12:33	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 12:33	WG2618374
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 12:33	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 12:33	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 12:33	WG2618374
Chloromethane	U		0.00170	0.00500	1	10/11/2025 12:33	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 12:33	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 12:33	WG2618374
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 12:33	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 12:33	WG2618374
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 12:33	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 12:33	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 12:33	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 12:33	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 12:33	WG2618374

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 12:33	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 12:33	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 12:33	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 12:33	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 12:33	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 12:33	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 12:33	WG2618374
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 12:33	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 12:33	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 12:33	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 12:33	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 12:33	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 12:33	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 12:33	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 12:33	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 12:33	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 12:33	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 12:33	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 12:33	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 12:33	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 12:33	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 12:33	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 12:33	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 12:33	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 12:33	WG2618374
(S) Toluene-d8	*103*			*80.0-120*		*10/11/2025 12:33*	WG2618374
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*10/11/2025 12:33*	WG2618374
(S) 1,2-Dichloroethane-d4	*99.9*			*70.0-130*		*10/11/2025 12:33*	WG2618374

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.0722	J	0.0605	0.100	1	10/15/2025 08:24	WG2617746
(S) o-Terphenyl	*66.8*			*52.0-156*		*10/15/2025 08:24*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3810		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	122		5.47	10.0	10	10/10/2025 03:55	WG2617331
Fluoride	U		0.761	1.50	10	10/10/2025 03:55	WG2617331
Nitrate as (N)	1.72		0.884	1.00	10	10/10/2025 03:55	WG2617331
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 03:55	WG2617331
Sulfate	2030		63.7	500	100	10/10/2025 07:34	WG2617331

Sample Narrative:

L1906275-38 WG2617331: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.617		0.0232	0.200	1	10/10/2025 12:16	WG2617448

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00164	J	0.000120	0.00200	1	10/29/2025 18:47	WG2617433
Barium	0.00939		0.000500	0.00200	1	10/29/2025 18:47	WG2617433
Calcium	534		0.0925	1.00	1	10/29/2025 18:47	WG2617433
Chromium	U		0.000900	0.00200	1	10/29/2025 18:47	WG2617433
Iron	U		0.0226	0.100	1	10/29/2025 18:47	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 18:47	WG2617433
Manganese	U		0.000700	0.00500	1	10/29/2025 18:47	WG2617433
Potassium	0.711	J	0.0965	2.00	1	10/29/2025 18:47	WG2617433
Selenium	0.00218		0.000250	0.00200	1	10/29/2025 18:47	WG2617433
Sodium	146		0.142	2.00	1	10/29/2025 18:47	WG2617433
Uranium	0.0294		0.000130	0.00100	1	10/29/2025 18:47	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 06:43	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*101*			*78.0-120*		*10/11/2025 06:43*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 12:53	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 12:53	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 12:53	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 12:53	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 12:53	WG2618374
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 12:53	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 12:53	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 12:53	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 12:53	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 12:53	WG2618374

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 12:53	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 12:53	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 12:53	WG2618374
Chloromethane	U		0.00170	0.00500	1	10/11/2025 12:53	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 12:53	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 12:53	WG2618374
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 12:53	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 12:53	WG2618374
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 12:53	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 12:53	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 12:53	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 12:53	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 12:53	WG2618374
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 12:53	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 12:53	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 12:53	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 12:53	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 12:53	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 12:53	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 12:53	WG2618374
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 12:53	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 12:53	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 12:53	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 12:53	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 12:53	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 12:53	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 12:53	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 12:53	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 12:53	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 12:53	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 12:53	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 12:53	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 12:53	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 12:53	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 12:53	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 12:53	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 12:53	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 12:53	WG2618374
(S) Toluene-d8	*104*			*80.0-120*		*10/11/2025 12:53*	WG2618374
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*10/11/2025 12:53*	WG2618374
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/11/2025 12:53*	WG2618374

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 08:44	WG2617746
(S) o-Terphenyl	*66.8*			*52.0-156*		*10/15/2025 08:44*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	10/10/2025 04:07	WG2617331
Fluoride	U		0.0761	0.150	1	10/10/2025 04:07	WG2617331
Nitrate as (N)	U		0.0884	0.100	1	10/10/2025 04:07	WG2617331
Nitrite as (N)	U		0.0794	0.100	1	10/10/2025 04:07	WG2617331
Sulfate	0.674	J	0.637	5.00	1	10/10/2025 04:07	WG2617331

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	U		0.0232	0.200	1	10/10/2025 12:18	WG2617448

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	10/29/2025 18:50	WG2617433
Barium	0.000967	J	0.000500	0.00200	1	10/29/2025 18:50	WG2617433
Calcium	1.84		0.0925	1.00	1	10/29/2025 18:50	WG2617433
Chromium	U		0.000900	0.00200	1	10/29/2025 18:50	WG2617433
Iron	U		0.0226	0.100	1	10/29/2025 18:50	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 18:50	WG2617433
Manganese	U		0.000700	0.00500	1	10/29/2025 18:50	WG2617433
Potassium	U		0.0965	2.00	1	10/29/2025 18:50	WG2617433
Selenium	U		0.000250	0.00200	1	10/29/2025 18:50	WG2617433
Sodium	0.453	J	0.142	2.00	1	10/29/2025 18:50	WG2617433
Uranium	U		0.000130	0.00100	1	10/29/2025 18:50	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 03:07	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*78.0-120*		*10/11/2025 03:07*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 09:49	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 09:49	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 09:49	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 09:49	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 09:49	WG2618374
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 09:49	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 09:49	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 09:49	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 09:49	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 09:49	WG2618374
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 09:49	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 09:49	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 09:49	WG2618374

Received by OCD: 6/15/2026 7:23:14 PM

LB-REST-09

SAMPLE RESULTS - 39

Collected date/time: 10/08/25 12:30

L1906275

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloromethane	U		0.00170	0.00500	1	10/11/2025 09:49	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 09:49	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 09:49	WG2618374
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 09:49	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 09:49	WG2618374
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 09:49	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 09:49	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 09:49	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 09:49	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 09:49	WG2618374
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 09:49	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 09:49	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 09:49	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 09:49	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 09:49	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 09:49	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 09:49	WG2618374
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 09:49	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 09:49	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 09:49	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 09:49	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 09:49	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 09:49	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 09:49	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 09:49	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 09:49	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 09:49	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 09:49	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 09:49	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 09:49	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 09:49	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 09:49	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 09:49	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 09:49	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 09:49	WG2618374
(S) Toluene-d8	*104*			*80.0-120*		*10/11/2025 09:49*	WG2618374
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*10/11/2025 09:49*	WG2618374
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/11/2025 09:49*	WG2618374

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 09:05	WG2617746
(S) o-Terphenyl	*67.9*			*52.0-156*		*10/15/2025 09:05*	WG2617746

Released to Imaging: 6/26/2026 3:07:01 PM

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 09:28	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 09:28	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 09:28	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 09:28	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 09:28	WG2618374
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 09:28	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 09:28	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 09:28	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 09:28	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 09:28	WG2618374
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 09:28	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 09:28	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 09:28	WG2618374
Chloromethane	U		0.00170	0.00500	1	10/11/2025 09:28	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 09:28	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 09:28	WG2618374
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 09:28	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 09:28	WG2618374
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 09:28	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 09:28	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 09:28	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 09:28	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 09:28	WG2618374
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 09:28	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 09:28	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 09:28	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 09:28	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 09:28	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 09:28	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 09:28	WG2618374
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 09:28	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 09:28	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 09:28	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 09:28	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 09:28	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 09:28	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 09:28	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 09:28	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 09:28	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 09:28	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 09:28	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 09:28	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 09:28	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 09:28	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 09:28	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 09:28	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 09:28	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 09:28	WG2618374
(S) Toluene-d8	*105*			*80.0-120*		*10/11/2025 09:28*	WG2618374
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*10/11/2025 09:28*	WG2618374
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/11/2025 09:28*	WG2618374

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4550		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	293		5.47	10.0	10	10/15/2025 01:34	WG2617728
Fluoride	1.29	J	0.761	1.50	10	10/15/2025 01:34	WG2617728
Sulfate	2410		63.7	500	100	10/15/2025 01:46	WG2617728

Sample Narrative:

L1906275-41 WG2617728: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00328		0.000120	0.00200	1	10/29/2025 19:25	WG2617433
Barium	0.00881		0.000500	0.00200	1	10/29/2025 19:25	WG2617433
Calcium	527		0.0925	1.00	1	10/29/2025 19:25	WG2617433
Chromium	0.00131	J	0.000900	0.00200	1	10/29/2025 19:25	WG2617433
Iron	U		0.0226	0.100	1	10/29/2025 19:25	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 19:25	WG2617433
Manganese	0.0251		0.000700	0.00500	1	10/29/2025 19:25	WG2617433
Potassium	1.15	J	0.0965	2.00	1	10/29/2025 19:25	WG2617433
Selenium	0.00164	J	0.000250	0.00200	1	10/29/2025 19:25	WG2617433
Sodium	228		0.142	2.00	1	10/29/2025 19:25	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 07:04	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*78.0-120*		*10/11/2025 07:04*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 13:14	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 13:14	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 13:14	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 13:14	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 13:14	WG2618374
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 13:14	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 13:14	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 13:14	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 13:14	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 13:14	WG2618374
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 13:14	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 13:14	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 13:14	WG2618374
Chloromethane	U		0.00170	0.00500	1	10/11/2025 13:14	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 13:14	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 13:14	WG2618374
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 13:14	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 13:14	WG2618374

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 13:14	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 13:14	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 13:14	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 13:14	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 13:14	WG2618374
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 13:14	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 13:14	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 13:14	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 13:14	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 13:14	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 13:14	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 13:14	WG2618374
Methyl tert-butyl ether	0.000573	J	0.000357	0.00100	1	10/11/2025 13:14	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 13:14	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 13:14	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 13:14	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 13:14	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 13:14	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 13:14	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 13:14	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 13:14	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 13:14	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 13:14	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 13:14	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 13:14	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 13:14	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 13:14	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 13:14	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 13:14	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 13:14	WG2618374
(S) Toluene-d8	*103*			*80.0-120*		*10/11/2025 13:14*	WG2618374
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*10/11/2025 13:14*	WG2618374
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*10/11/2025 13:14*	WG2618374

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0995	J	0.0605	0.100	1	10/15/2025 09:25	WG2617746
(S) o-Terphenyl	*68.4*			*52.0-156*		*10/15/2025 09:25*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4820		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	243		5.47	10.0	10	10/15/2025 01:58	WG2617728
Fluoride	1.25	J	0.761	1.50	10	10/15/2025 01:58	WG2617728
Sulfate	2740		63.7	500	100	10/15/2025 02:10	WG2617728

Sample Narrative:

L1906275-42 WG2617728: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00388		0.000120	0.00200	1	10/29/2025 19:28	WG2617433
Barium	0.00824		0.000500	0.00200	1	10/29/2025 19:28	WG2617433
Calcium	520		0.0925	1.00	1	10/29/2025 19:28	WG2617433
Chromium	0.00105	J	0.000900	0.00200	1	10/29/2025 19:28	WG2617433
Iron	U		0.0226	0.100	1	10/29/2025 19:28	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 19:28	WG2617433
Manganese	U		0.000700	0.00500	1	10/29/2025 19:28	WG2617433
Potassium	1.39	J	0.0965	2.00	1	10/29/2025 19:28	WG2617433
Selenium	0.00629		0.000250	0.00200	1	10/29/2025 19:28	WG2617433
Sodium	226		0.142	2.00	1	10/29/2025 19:28	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 07:26	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.6*			*78.0-120*		*10/11/2025 07:26*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 13:34	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 13:34	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 13:34	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 13:34	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 13:34	WG2618374
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 13:34	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 13:34	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 13:34	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 13:34	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 13:34	WG2618374
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 13:34	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 13:34	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 13:34	WG2618374
Chloromethane	U		0.00170	0.00500	1	10/11/2025 13:34	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 13:34	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 13:34	WG2618374
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 13:34	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 13:34	WG2618374

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 13:34	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 13:34	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 13:34	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 13:34	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 13:34	WG2618374
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 13:34	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 13:34	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 13:34	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 13:34	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 13:34	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 13:34	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 13:34	WG2618374
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 13:34	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 13:34	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 13:34	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 13:34	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 13:34	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 13:34	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 13:34	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 13:34	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 13:34	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 13:34	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 13:34	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 13:34	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 13:34	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 13:34	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 13:34	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 13:34	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 13:34	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 13:34	WG2618374
(S) Toluene-d8	*104*			*80.0-120*		*10/11/2025 13:34*	WG2618374
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*10/11/2025 13:34*	WG2618374
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*10/11/2025 13:34*	WG2618374

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 09:45	WG2617746
(S) o-Terphenyl	*78.4*			*52.0-156*		*10/15/2025 09:45*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4470		100	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	180		5.47	10.0	10	10/10/2025 09:58	WG2617340
Fluoride	U		0.761	1.50	10	10/10/2025 09:58	WG2617340
Nitrate as (N)	2.00		0.884	1.00	10	10/10/2025 09:58	WG2617340
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 09:58	WG2617340
Sulfate	1560		31.8	250	50	10/10/2025 10:14	WG2617340

Sample Narrative:

L1906275-43 WG2617340: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00312		0.000120	0.00200	1	10/29/2025 20:16	WG2617433
Barium	0.0167		0.000500	0.00200	1	10/29/2025 21:54	WG2617433
Calcium	574		0.0925	1.00	1	10/29/2025 20:16	WG2617433
Chromium	0.00183	J	0.000900	0.00200	1	10/29/2025 20:16	WG2617433
Iron	0.604		0.0226	0.100	1	10/29/2025 20:16	WG2617433
Lead	0.00109	J	0.000500	0.00200	1	10/29/2025 20:16	WG2617433
Manganese	0.0340		0.000700	0.00500	1	10/29/2025 20:16	WG2617433
Potassium	0.883	J	0.0965	2.00	1	10/29/2025 20:16	WG2617433
Selenium	0.0122		0.000250	0.00200	1	10/29/2025 20:16	WG2617433
Sodium	332		0.142	2.00	1	10/29/2025 20:16	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 07:48	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*78.0-120*		*10/11/2025 07:48*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 13:55	WG2618374
Benzene	U		0.000320	0.00100	1	10/11/2025 13:55	WG2618374
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 13:55	WG2618374
Bromoform	U		0.000548	0.00100	1	10/11/2025 13:55	WG2618374
Bromomethane	U	C3	0.00485	0.00500	1	10/11/2025 13:55	WG2618374
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 13:55	WG2618374
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 13:55	WG2618374
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 13:55	WG2618374
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 13:55	WG2618374
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 13:55	WG2618374
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 13:55	WG2618374
Chloroethane	U		0.00279	0.00500	1	10/11/2025 13:55	WG2618374
Chloroform	U		0.00128	0.00500	1	10/11/2025 13:55	WG2618374
Chloromethane	U		0.00170	0.00500	1	10/11/2025 13:55	WG2618374
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 13:55	WG2618374
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 13:55	WG2618374

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 13:55	WG2618374
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 13:55	WG2618374
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 13:55	WG2618374
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 13:55	WG2618374
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 13:55	WG2618374
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 13:55	WG2618374
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 13:55	WG2618374
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 13:55	WG2618374
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 13:55	WG2618374
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 13:55	WG2618374
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 13:55	WG2618374
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 13:55	WG2618374
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 13:55	WG2618374
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 13:55	WG2618374
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 13:55	WG2618374
Naphthalene	U		0.00264	0.00500	1	10/11/2025 13:55	WG2618374
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 13:55	WG2618374
Styrene	U		0.000342	0.00100	1	10/11/2025 13:55	WG2618374
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 13:55	WG2618374
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 13:55	WG2618374
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 13:55	WG2618374
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 13:55	WG2618374
Toluene	U		0.000274	0.00100	1	10/11/2025 13:55	WG2618374
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 13:55	WG2618374
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 13:55	WG2618374
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 13:55	WG2618374
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 13:55	WG2618374
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 13:55	WG2618374
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 13:55	WG2618374
o-Xylene	U		0.000319	0.00100	1	10/11/2025 13:55	WG2618374
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 13:55	WG2618374
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 13:55	WG2618374
(S) Toluene-d8	*105*			*80.0-120*		*10/11/2025 13:55*	WG2618374
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*10/11/2025 13:55*	WG2618374
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*10/11/2025 13:55*	WG2618374

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 10:06	WG2617746
(S) o-Terphenyl	*62.1*			*52.0-156*		*10/15/2025 10:06*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3710		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	313		5.47	10.0	10	10/10/2025 10:59	WG2617340
Fluoride	1.44	J	0.761	1.50	10	10/10/2025 10:59	WG2617340
Sulfate	2110		63.7	500	100	10/10/2025 11:15	WG2617340

Sample Narrative:

L1906275-44 WG2617340: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00324		0.000120	0.00200	1	10/29/2025 20:19	WG2617433
Barium	0.0682		0.000500	0.00200	1	10/29/2025 21:57	WG2617433
Calcium	631		0.0925	1.00	1	10/29/2025 20:19	WG2617433
Chromium	0.00281		0.000900	0.00200	1	10/29/2025 20:19	WG2617433
Iron	1.85		0.0226	0.100	1	10/29/2025 20:19	WG2617433
Lead	0.00858		0.000500	0.00200	1	10/29/2025 20:19	WG2617433
Manganese	0.400		0.000700	0.00500	1	10/29/2025 20:19	WG2617433
Potassium	5.35		0.0965	2.00	1	10/29/2025 20:19	WG2617433
Selenium	0.0106		0.000250	0.00200	1	10/29/2025 20:19	WG2617433
Sodium	201		0.142	2.00	1	10/29/2025 20:19	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 08:09	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*98.9*			*78.0-120*		*10/11/2025 08:09*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 14:11	WG2618574
Benzene	U		0.000320	0.00100	1	10/11/2025 14:11	WG2618574
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 14:11	WG2618574
Bromoform	U		0.000548	0.00100	1	10/11/2025 14:11	WG2618574
Bromomethane	U		0.00485	0.00500	1	10/11/2025 14:11	WG2618574
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 14:11	WG2618574
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 14:11	WG2618574
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 14:11	WG2618574
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 14:11	WG2618574
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 14:11	WG2618574
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 14:11	WG2618574
Chloroethane	U		0.00279	0.00500	1	10/11/2025 14:11	WG2618574
Chloroform	U		0.00128	0.00500	1	10/11/2025 14:11	WG2618574
Chloromethane	U		0.00170	0.00500	1	10/11/2025 14:11	WG2618574
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 14:11	WG2618574
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 14:11	WG2618574
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 14:11	WG2618574
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 14:11	WG2618574

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 14:11	WG2618574
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 14:11	WG2618574
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 14:11	WG2618574
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 14:11	WG2618574
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 14:11	WG2618574
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 14:11	WG2618574
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 14:11	WG2618574
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 14:11	WG2618574
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 14:11	WG2618574
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 14:11	WG2618574
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 14:11	WG2618574
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 14:11	WG2618574
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 14:11	WG2618574
Naphthalene	U		0.00264	0.00500	1	10/11/2025 14:11	WG2618574
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 14:11	WG2618574
Styrene	U		0.000342	0.00100	1	10/11/2025 14:11	WG2618574
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 14:11	WG2618574
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 14:11	WG2618574
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 14:11	WG2618574
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 14:11	WG2618574
Toluene	U		0.000274	0.00100	1	10/11/2025 14:11	WG2618574
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 14:11	WG2618574
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 14:11	WG2618574
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 14:11	WG2618574
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 14:11	WG2618574
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 14:11	WG2618574
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 14:11	WG2618574
o-Xylene	U		0.000319	0.00100	1	10/11/2025 14:11	WG2618574
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 14:11	WG2618574
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 14:11	WG2618574
(S) Toluene-d8	*102*			*80.0-120*		*10/11/2025 14:11*	WG2618574
(S) 4-Bromofluorobenzene	*87.9*			*77.0-126*		*10/11/2025 14:11*	WG2618574
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*10/11/2025 14:11*	WG2618574

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.279		0.0605	0.100	1	10/15/2025 10:26	WG2617746
(S) o-Terphenyl	*85.3*			*52.0-156*		*10/15/2025 10:26*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4700		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	255		5.47	10.0	10	10/10/2025 06:24	WG2617340
Fluoride	1.37	J	0.761	1.50	10	10/10/2025 06:24	WG2617340
Sulfate	2980		63.7	500	100	10/10/2025 06:39	WG2617340

Sample Narrative:

L1906275-45 WG2617340: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00381		0.000120	0.00200	1	10/29/2025 19:38	WG2617433
Barium	0.00729		0.000500	0.00200	1	10/29/2025 19:38	WG2617433
Calcium	524		0.0925	1.00	1	10/29/2025 19:38	WG2617433
Chromium	0.00125	J	0.000900	0.00200	1	10/29/2025 19:38	WG2617433
Iron	U		0.0226	0.100	1	10/29/2025 19:38	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 19:38	WG2617433
Manganese	U		0.000700	0.00500	1	10/29/2025 19:38	WG2617433
Potassium	1.37	J	0.0965	2.00	1	10/29/2025 19:38	WG2617433
Selenium	0.00641		0.000250	0.00200	1	10/29/2025 19:38	WG2617433
Sodium	226		0.142	2.00	1	10/29/2025 19:38	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 08:31	WG2618310
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*78.0-120*		*10/11/2025 08:31*	WG2618310

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 14:31	WG2618574
Benzene	U		0.000320	0.00100	1	10/11/2025 14:31	WG2618574
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 14:31	WG2618574
Bromoform	U		0.000548	0.00100	1	10/11/2025 14:31	WG2618574
Bromomethane	U		0.00485	0.00500	1	10/11/2025 14:31	WG2618574
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 14:31	WG2618574
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 14:31	WG2618574
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 14:31	WG2618574
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 14:31	WG2618574
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 14:31	WG2618574
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 14:31	WG2618574
Chloroethane	U		0.00279	0.00500	1	10/11/2025 14:31	WG2618574
Chloroform	U		0.00128	0.00500	1	10/11/2025 14:31	WG2618574
Chloromethane	U		0.00170	0.00500	1	10/11/2025 14:31	WG2618574
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 14:31	WG2618574
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 14:31	WG2618574
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 14:31	WG2618574
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 14:31	WG2618574

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 14:31	WG2618574
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 14:31	WG2618574
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 14:31	WG2618574
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 14:31	WG2618574
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 14:31	WG2618574
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 14:31	WG2618574
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 14:31	WG2618574
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 14:31	WG2618574
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 14:31	WG2618574
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 14:31	WG2618574
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 14:31	WG2618574
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 14:31	WG2618574
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 14:31	WG2618574
Naphthalene	U		0.00264	0.00500	1	10/11/2025 14:31	WG2618574
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 14:31	WG2618574
Styrene	U		0.000342	0.00100	1	10/11/2025 14:31	WG2618574
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 14:31	WG2618574
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 14:31	WG2618574
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 14:31	WG2618574
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 14:31	WG2618574
Toluene	U		0.000274	0.00100	1	10/11/2025 14:31	WG2618574
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 14:31	WG2618574
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 14:31	WG2618574
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 14:31	WG2618574
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 14:31	WG2618574
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 14:31	WG2618574
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 14:31	WG2618574
o-Xylene	U		0.000319	0.00100	1	10/11/2025 14:31	WG2618574
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 14:31	WG2618574
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 14:31	WG2618574
(S) Toluene-d8	*105*			*80.0-120*		*10/11/2025 14:31*	WG2618574
(S) 4-Bromofluorobenzene	*89.4*			*77.0-126*		*10/11/2025 14:31*	WG2618574
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*		*10/11/2025 14:31*	WG2618574

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 10:46	WG2617746
(S) o-Terphenyl	*71.1*			*52.0-156*		*10/15/2025 10:46*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	U		0.547	1.00	1	10/10/2025 08:26	WG2617340
Fluoride	U		0.0761	0.150	1	10/10/2025 08:26	WG2617340
Sulfate	U		0.637	5.00	1	10/10/2025 08:26	WG2617340

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.000120	0.00200	1	10/29/2025 17:49	WG2617433
Barium	U		0.000500	0.00200	1	10/29/2025 17:49	WG2617433
Calcium	U		0.0925	1.00	1	10/29/2025 17:49	WG2617433
Chromium	U		0.000900	0.00200	1	10/29/2025 17:49	WG2617433
Iron	U		0.0226	0.100	1	10/29/2025 17:49	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 17:49	WG2617433
Manganese	U		0.000700	0.00500	1	10/29/2025 17:49	WG2617433
Potassium	U		0.0965	2.00	1	10/29/2025 17:49	WG2617433
Selenium	U		0.000250	0.00200	1	10/29/2025 17:49	WG2617433
Sodium	U		0.142	2.00	1	10/29/2025 17:49	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 16:13	WG2618667
(S) a,a,a-Trifluorotoluene(FID)	*98.6*			*78.0-120*		*10/11/2025 16:13*	WG2618667

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 13:51	WG2618574
Benzene	U		0.000320	0.00100	1	10/11/2025 13:51	WG2618574
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 13:51	WG2618574
Bromoform	U		0.000548	0.00100	1	10/11/2025 13:51	WG2618574
Bromomethane	U		0.00485	0.00500	1	10/11/2025 13:51	WG2618574
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 13:51	WG2618574
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 13:51	WG2618574
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 13:51	WG2618574
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 13:51	WG2618574
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 13:51	WG2618574
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 13:51	WG2618574
Chloroethane	U		0.00279	0.00500	1	10/11/2025 13:51	WG2618574
Chloroform	U		0.00128	0.00500	1	10/11/2025 13:51	WG2618574
Chloromethane	U		0.00170	0.00500	1	10/11/2025 13:51	WG2618574
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 13:51	WG2618574
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 13:51	WG2618574
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 13:51	WG2618574
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 13:51	WG2618574
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 13:51	WG2618574
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 13:51	WG2618574
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 13:51	WG2618574

LB-REST-04
Collected date/time: 10/08/25 09:30
L1906275

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 13:51	WG2618574
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 13:51	WG2618574
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 13:51	WG2618574
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 13:51	WG2618574
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 13:51	WG2618574
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 13:51	WG2618574
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 13:51	WG2618574
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 13:51	WG2618574
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 13:51	WG2618574
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 13:51	WG2618574
Naphthalene	U		0.00264	0.00500	1	10/11/2025 13:51	WG2618574
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 13:51	WG2618574
Styrene	U		0.000342	0.00100	1	10/11/2025 13:51	WG2618574
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 13:51	WG2618574
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 13:51	WG2618574
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 13:51	WG2618574
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 13:51	WG2618574
Toluene	U		0.000274	0.00100	1	10/11/2025 13:51	WG2618574
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 13:51	WG2618574
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 13:51	WG2618574
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 13:51	WG2618574
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 13:51	WG2618574
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 13:51	WG2618574
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 13:51	WG2618574
o-Xylene	U		0.000319	0.00100	1	10/11/2025 13:51	WG2618574
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 13:51	WG2618574
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 13:51	WG2618574
(S) Toluene-d8	*106*			*80.0-120*		*10/11/2025 13:51*	WG2618574
(S) 4-Bromofluorobenzene	*89.7*			*77.0-126*		*10/11/2025 13:51*	WG2618574
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*10/11/2025 13:51*	WG2618574

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0605	0.100	1	10/15/2025 11:07	WG2617746
(S) o-Terphenyl	*70.0*			*52.0-156*		*10/15/2025 11:07*	WG2617746

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1940		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	106		5.47	10.0	10	10/10/2025 05:53	WG2617340
Fluoride	1.73		0.761	1.50	10	10/10/2025 05:53	WG2617340
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 05:53	WG2617340
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 05:53	WG2617340
Sulfate	745		6.37	50.0	10	10/10/2025 05:53	WG2617340

Sample Narrative:

L1906275-47 WG2617340: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00156	J	0.000120	0.00200	1	10/29/2025 20:22	WG2617433
Barium	0.0362		0.000500	0.00200	1	10/29/2025 22:00	WG2617433
Calcium	250		0.0925	1.00	1	10/29/2025 20:22	WG2617433
Chromium	0.000995	J	0.000900	0.00200	1	10/29/2025 20:22	WG2617433
Iron	0.0333	J	0.0226	0.100	1	10/29/2025 20:22	WG2617433
Lead	0.00321		0.000500	0.00200	1	10/29/2025 20:22	WG2617433
Manganese	0.0239		0.000700	0.00500	1	10/29/2025 20:22	WG2617433
Potassium	1.39	J	0.0965	2.00	1	10/29/2025 20:22	WG2617433
Selenium	U		0.000250	0.00200	1	10/29/2025 20:22	WG2617433
Sodium	212		0.142	2.00	1	10/29/2025 20:22	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	7.49		0.594	1.00	10	10/11/2025 21:36	WG2618667
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*78.0-120*		*10/11/2025 21:36*	WG2618667

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		2.34	2.50	50	10/11/2025 17:50	WG2618574
Benzene	0.682		0.0160	0.0500	50	10/11/2025 17:50	WG2618574
Bromodichloromethane	U		0.0186	0.0500	50	10/11/2025 17:50	WG2618574
Bromoform	U		0.0274	0.0500	50	10/11/2025 17:50	WG2618574
Bromomethane	U		0.243	0.250	50	10/11/2025 17:50	WG2618574
n-Butylbenzene	U		0.0258	0.0500	50	10/11/2025 17:50	WG2618574
sec-Butylbenzene	U		0.0178	0.0500	50	10/11/2025 17:50	WG2618574
Carbon disulfide	U		0.0255	0.0500	50	10/11/2025 17:50	WG2618574
Carbon tetrachloride	U		0.0180	0.0500	50	10/11/2025 17:50	WG2618574
Chlorobenzene	U		0.0133	0.0500	50	10/11/2025 17:50	WG2618574
Chlorodibromomethane	U		0.0199	0.0500	50	10/11/2025 17:50	WG2618574
Chloroethane	U		0.139	0.250	50	10/11/2025 17:50	WG2618574
Chloroform	U		0.0640	0.250	50	10/11/2025 17:50	WG2618574
Chloromethane	U		0.0850	0.250	50	10/11/2025 17:50	WG2618574
1,2-Dibromoethane	U		0.0170	0.0500	50	10/11/2025 17:50	WG2618574
1,1-Dichloroethane	U		0.0195	0.0500	50	10/11/2025 17:50	WG2618574

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0198	0.0500	50	10/11/2025 17:50	WG2618574
1,1-Dichloroethene	U		0.0211	0.0500	50	10/11/2025 17:50	WG2618574
cis-1,2-Dichloroethene	U		0.0162	0.0500	50	10/11/2025 17:50	WG2618574
trans-1,2-Dichloroethene	U		0.0174	0.0500	50	10/11/2025 17:50	WG2618574
1,2-Dichloropropane	U		0.0214	0.0500	50	10/11/2025 17:50	WG2618574
cis-1,3-Dichloropropene	U		0.0174	0.0500	50	10/11/2025 17:50	WG2618574
trans-1,3-Dichloropropene	U		0.0157	0.0500	50	10/11/2025 17:50	WG2618574
Ethylbenzene	0.0350	J	0.0117	0.0500	50	10/14/2025 14:42	WG2619647
Isopropylbenzene	0.107		0.00525	0.0500	50	10/11/2025 17:50	WG2618574
p-Isopropyltoluene	U		0.0172	0.0500	50	10/11/2025 17:50	WG2618574
2-Butanone (MEK)	U		0.450	1.00	50	10/11/2025 17:50	WG2618574
2-Hexanone	U		0.290	1.00	50	10/11/2025 17:50	WG2618574
Methylene Chloride	U		0.0740	0.250	50	10/11/2025 17:50	WG2618574
4-Methyl-2-pentanone (MIBK)	U		0.376	1.00	50	10/11/2025 17:50	WG2618574
Methyl tert-butyl ether	U		0.0179	0.0500	50	10/11/2025 17:50	WG2618574
Naphthalene	0.205	J	0.132	0.250	50	10/11/2025 17:50	WG2618574
n-Propylbenzene	0.151		0.0120	0.0500	50	10/11/2025 17:50	WG2618574
Styrene	U		0.0171	0.0500	50	10/11/2025 17:50	WG2618574
tert-Butyl alcohol	U		0.248	1.00	50	10/11/2025 17:50	WG2618574
1,1,1,2-Tetrachloroethane	U		0.0191	0.0500	50	10/11/2025 17:50	WG2618574
1,1,2,2-Tetrachloroethane	U		0.0177	0.0500	50	10/11/2025 17:50	WG2618574
Tetrachloroethene	U		0.0179	0.0500	50	10/11/2025 17:50	WG2618574
Toluene	0.108		0.0137	0.0500	50	10/11/2025 17:50	WG2618574
1,1,1-Trichloroethane	U		0.0168	0.0500	50	10/11/2025 17:50	WG2618574
1,1,2-Trichloroethane	U		0.0188	0.0500	50	10/11/2025 17:50	WG2618574
Trichloroethene	U		0.0192	0.0500	50	10/11/2025 17:50	WG2618574
1,2,4-Trimethylbenzene	0.307		0.0137	0.100	50	10/11/2025 17:50	WG2618574
1,3,5-Trimethylbenzene	0.0337	J	0.0133	0.0500	50	10/11/2025 17:50	WG2618574
Vinyl chloride	U		0.0229	0.0500	50	10/11/2025 17:50	WG2618574
o-Xylene	U		0.0159	0.0500	50	10/11/2025 17:50	WG2618574
m&p-Xylene	0.716		0.0275	0.100	50	10/11/2025 17:50	WG2618574
Xylenes, Total	0.716		0.0159	0.150	50	10/11/2025 17:50	WG2618574
(S) Toluene-d8	*104*			*80.0-120*		*10/11/2025 17:50*	WG2618574
(S) Toluene-d8	*108*			*80.0-120*		*10/14/2025 14:42*	WG2619647
(S) 4-Bromofluorobenzene	*92.4*			*77.0-126*		*10/11/2025 17:50*	WG2618574
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*10/14/2025 14:42*	WG2619647
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*10/11/2025 17:50*	WG2618574
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*10/14/2025 14:42*	WG2619647

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.43		0.0605	0.100	1	10/15/2025 06:53	WG2617842
(S) o-Terphenyl	*102*			*52.0-156*		*10/15/2025 06:53*	WG2617842

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.000425	J J3	0.000246	0.00100	1	10/18/2025 04:33	WG2621340
Acenaphthylene	U	J3	0.000265	0.00100	1	10/18/2025 04:33	WG2621340
Acetophenone	U	J3	0.00205	0.0100	1	10/18/2025 04:33	WG2621340
Anthracene	U	J3	0.000196	0.00100	1	10/18/2025 04:33	WG2621340
Atrazine	U	J3	0.00244	0.0100	1	10/18/2025 04:33	WG2621340
Benzo(a)anthracene	U	J3	0.000234	0.00100	1	10/18/2025 04:33	WG2621340
Benzaldehyde	U	C7	0.00866	0.0100	1	10/18/2025 04:33	WG2621340

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzo(b)fluoranthene	U	J3	0.000280	0.00100	1	10/18/2025 04:33	WG2621340
Benzo(k)fluoranthene	U	J3	0.000247	0.00100	1	10/18/2025 04:33	WG2621340
Benzo(g,h,i)perylene	U	J3 J4	0.000254	0.00100	1	10/18/2025 04:33	WG2621340
Benzo(a)pyrene	U	J3 J4	0.000128	0.000200	1	10/18/2025 04:33	WG2621340
Biphenyl	U	J3	0.00274	0.0100	1	10/18/2025 04:33	WG2621340
Bis(2-chlorethoxy)methane	U	J3	0.00188	0.0100	1	10/18/2025 04:33	WG2621340
Bis(2-chloroethyl)ether	U	J3	0.00205	0.0100	1	10/18/2025 04:33	WG2621340
2,2-Oxybis(1-Chloropropane)	U	J3	0.00191	0.0100	1	10/18/2025 04:33	WG2621340
4-Bromophenyl-phenylether	U	J3	0.00267	0.0100	1	10/18/2025 04:33	WG2621340
2-Chloronaphthalene	U	J3	0.000259	0.00100	1	10/18/2025 04:33	WG2621340
4-Chlorophenyl-phenylether	U	J3	0.00222	0.0100	1	10/18/2025 04:33	WG2621340
Caprolactam	U		0.000736	0.0100	1	10/18/2025 04:33	WG2621340
Carbazole	U	J3	0.00211	0.0100	1	10/18/2025 04:33	WG2621340
Chrysene	U	J3	0.000279	0.00100	1	10/18/2025 04:33	WG2621340
Dibenz(a,h)anthracene	U	J3	0.000148	0.000200	1	10/18/2025 04:33	WG2621340
Dibenzofuran	U	J3	0.00251	0.0100	1	10/18/2025 04:33	WG2621340
3,3-Dichlorobenzidine	U	J3	0.00758	0.0100	1	10/18/2025 04:33	WG2621340
2,4-Dinitrotoluene	U	J3 J4	0.00187	0.0100	1	10/18/2025 04:33	WG2621340
2,6-Dinitrotoluene	U	J3	0.00186	0.0100	1	10/18/2025 04:33	WG2621340
Fluoranthene	U	J3	0.000229	0.00100	1	10/18/2025 04:33	WG2621340
Fluorene	0.00123	J3 J4	0.000277	0.00100	1	10/18/2025 04:33	WG2621340
Hexachlorobenzene	U	J3 J4	0.000259	0.00100	1	10/18/2025 04:33	WG2621340
Hexachloro-1,3-butadiene	U	J3	0.00227	0.0100	1	10/18/2025 04:33	WG2621340
Hexachlorocyclopentadiene	U	J3	0.00281	0.0100	1	10/18/2025 04:33	WG2621340
Hexachloroethane	U	J3	0.00215	0.0100	1	10/18/2025 04:33	WG2621340
Indeno(1,2,3-cd)pyrene	U	J3 J4	0.000285	0.00100	1	10/18/2025 04:33	WG2621340
Isophorone	U	J3	0.00172	0.0100	1	10/18/2025 04:33	WG2621340
1-Methylnaphthalene	0.0342	J3	0.000245	0.00100	1	10/18/2025 04:33	WG2621340
2-Methylnaphthalene	0.0134	J3	0.000276	0.00100	1	10/18/2025 04:33	WG2621340
Naphthalene	0.0478	J3	0.000678	0.00100	1	10/18/2025 04:33	WG2621340
Nitrobenzene	U	J3	0.00197	0.0100	1	10/18/2025 04:33	WG2621340
n-Nitrosodiphenylamine	U	J3 J4	0.00202	0.0100	1	10/18/2025 04:33	WG2621340
n-Nitrosodi-n-propylamine	U	J3	0.00202	0.0100	1	10/18/2025 04:33	WG2621340
Phenanthrene	0.00104	J3	0.000219	0.00100	1	10/18/2025 04:33	WG2621340
Benzylbutyl phthalate	U	J3	0.00113	0.00300	1	10/18/2025 04:33	WG2621340
Bis(2-ethylhexyl)phthalate	0.00628	J3	0.00165	0.00300	1	10/18/2025 04:33	WG2621340
Di-n-butyl phthalate	U	J3	0.000794	0.00300	1	10/18/2025 04:33	WG2621340
Diethyl phthalate	U	J3	0.000861	0.00300	1	10/18/2025 04:33	WG2621340
Dimethyl phthalate	U	J3	0.000772	0.00300	1	10/18/2025 04:33	WG2621340
Di-n-octyl phthalate	U	J3	0.00133	0.00300	1	10/18/2025 04:33	WG2621340
Pyrene	U	J3	0.000259	0.00100	1	10/18/2025 04:33	WG2621340
1,2,4-Trichlorobenzene	U	J3	0.00230	0.0100	1	10/18/2025 04:33	WG2621340
4-Chloro-3-methylphenol	U	J3	0.00228	0.0100	1	10/18/2025 04:33	WG2621340
2-Chlorophenol	U	J3	0.00211	0.0100	1	10/18/2025 04:33	WG2621340
2,4-Dichlorophenol	U	J3	0.00241	0.0100	1	10/18/2025 04:33	WG2621340
2,4-Dimethylphenol	U		0.00433	0.0100	1	10/18/2025 04:33	WG2621340
4,6-Dinitro-2-methylphenol	U	J3	0.00349	0.0100	1	10/18/2025 04:33	WG2621340
2,4-Dinitrophenol	U		0.00571	0.0100	1	10/18/2025 04:33	WG2621340
2-Nitrophenol	U	J3	0.00260	0.0100	1	10/18/2025 04:33	WG2621340
2-Nitroaniline	U	J3	0.00236	0.0100	1	10/18/2025 04:33	WG2621340
2-Methylphenol	U	J3	0.00170	0.0100	1	10/18/2025 04:33	WG2621340
3&4-Methyl Phenol	U	J3	0.00154	0.0100	1	10/18/2025 04:33	WG2621340
3-Nitroaniline	U	J3 J4	0.00120	0.0100	1	10/18/2025 04:33	WG2621340
4-Chloroaniline	U	J3	0.00506	0.0100	1	10/18/2025 04:33	WG2621340
4-Nitroaniline	U	J3	0.00211	0.0100	1	10/18/2025 04:33	WG2621340
4-Nitrophenol	U	C3 J3	0.00755	0.0100	1	10/18/2025 04:33	WG2621340

MW-01
Collected date/time: 10/08/25 08:20
L1906275

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Pentachlorophenol	U	C3 J3	0.000708	0.0100	1	10/18/2025 04:33	WG2621340
Phenol	0.00134	J	0.000757	0.0100	1	10/18/2025 04:33	WG2621340
2,4,5-Trichlorophenol	U	J3	0.00270	0.0100	1	10/18/2025 04:33	WG2621340
2,4,6-Trichlorophenol	U	J3	0.00238	0.0100	1	10/18/2025 04:33	WG2621340
(S) 2-Fluorophenol	*20.3*			*10.0-120*		*10/18/2025 04:33*	WG2621340
(S) Phenol-d5	*13.7*			*10.0-120*		*10/18/2025 04:33*	WG2621340
(S) Nitrobenzene-d5	*42.9*			*10.0-127*		*10/18/2025 04:33*	WG2621340
(S) 2-Fluorobiphenyl	*35.7*			*10.0-130*		*10/18/2025 04:33*	WG2621340
(S) 2,4,6-Tribromophenol	*53.6*			*10.0-155*		*10/18/2025 04:33*	WG2621340
(S) p-Terphenyl-d14	*65.9*			*10.0-128*		*10/18/2025 04:33*	WG2621340

Sample Narrative:

L1906275-47 WG2621340: Duplicate Analysis performed due to QC failure. Results confirm; reporting in hold data.

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2360		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	26.0		5.47	10.0	10	10/10/2025 06:55	WG2617340
Fluoride	2.75		0.761	1.50	10	10/10/2025 06:55	WG2617340
Nitrate as (N)	U		0.884	1.00	10	10/10/2025 06:55	WG2617340
Nitrite as (N)	U		0.794	1.00	10	10/10/2025 06:55	WG2617340
Sulfate	1580		63.7	500	100	10/10/2025 07:10	WG2617340

Sample Narrative:

L1906275-48 WG2617340: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.000355	J	0.000120	0.00200	1	10/29/2025 20:26	WG2617433
Barium	0.0173		0.000500	0.00200	1	10/29/2025 22:03	WG2617433
Calcium	513		0.0925	1.00	1	10/29/2025 20:26	WG2617433
Chromium	U		0.000900	0.00200	1	10/29/2025 20:26	WG2617433
Iron	U		0.0226	0.100	1	10/29/2025 20:26	WG2617433
Lead	0.00348		0.000500	0.00200	1	10/29/2025 20:26	WG2617433
Manganese	0.00890		0.000700	0.00500	1	10/29/2025 20:26	WG2617433
Potassium	0.491	J	0.0965	2.00	1	10/29/2025 20:26	WG2617433
Selenium	U		0.000250	0.00200	1	10/29/2025 20:26	WG2617433
Sodium	32.0		0.142	2.00	1	10/29/2025 20:26	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	10.2		1.19	2.00	20	10/11/2025 21:59	WG2618667
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*78.0-120*		*10/11/2025 21:59*	WG2618667

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		2.34	2.50	50	10/11/2025 18:10	WG2618574
Benzene	0.185		0.0160	0.0500	50	10/11/2025 18:10	WG2618574
Bromodichloromethane	U		0.0186	0.0500	50	10/11/2025 18:10	WG2618574
Bromoform	U		0.0274	0.0500	50	10/11/2025 18:10	WG2618574
Bromomethane	U		0.243	0.250	50	10/11/2025 18:10	WG2618574
n-Butylbenzene	U		0.0258	0.0500	50	10/11/2025 18:10	WG2618574
sec-Butylbenzene	U		0.0178	0.0500	50	10/11/2025 18:10	WG2618574
Carbon disulfide	U		0.0255	0.0500	50	10/11/2025 18:10	WG2618574
Carbon tetrachloride	U		0.0180	0.0500	50	10/11/2025 18:10	WG2618574
Chlorobenzene	U		0.0133	0.0500	50	10/11/2025 18:10	WG2618574
Chlorodibromomethane	U		0.0199	0.0500	50	10/11/2025 18:10	WG2618574
Chloroethane	U		0.139	0.250	50	10/11/2025 18:10	WG2618574
Chloroform	U		0.0640	0.250	50	10/11/2025 18:10	WG2618574
Chloromethane	U		0.0850	0.250	50	10/11/2025 18:10	WG2618574
1,2-Dibromoethane	U		0.0170	0.0500	50	10/11/2025 18:10	WG2618574
1,1-Dichloroethane	U		0.0195	0.0500	50	10/11/2025 18:10	WG2618574

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.0198	0.0500	50	10/11/2025 18:10	WG2618574
1,1-Dichloroethene	U		0.0211	0.0500	50	10/11/2025 18:10	WG2618574
cis-1,2-Dichloroethene	U		0.0162	0.0500	50	10/11/2025 18:10	WG2618574
trans-1,2-Dichloroethene	U		0.0174	0.0500	50	10/11/2025 18:10	WG2618574
1,2-Dichloropropane	U		0.0214	0.0500	50	10/11/2025 18:10	WG2618574
cis-1,3-Dichloropropene	U		0.0174	0.0500	50	10/11/2025 18:10	WG2618574
trans-1,3-Dichloropropene	U		0.0157	0.0500	50	10/11/2025 18:10	WG2618574
Ethylbenzene	0.179		0.0117	0.0500	50	10/11/2025 18:10	WG2618574
Isopropylbenzene	0.105		0.00525	0.0500	50	10/11/2025 18:10	WG2618574
p-Isopropyltoluene	U		0.0172	0.0500	50	10/11/2025 18:10	WG2618574
2-Butanone (MEK)	U		0.450	1.00	50	10/11/2025 18:10	WG2618574
2-Hexanone	U		0.290	1.00	50	10/11/2025 18:10	WG2618574
Methylene Chloride	U		0.0740	0.250	50	10/11/2025 18:10	WG2618574
4-Methyl-2-pentanone (MIBK)	U		0.376	1.00	50	10/11/2025 18:10	WG2618574
Methyl tert-butyl ether	U		0.0179	0.0500	50	10/11/2025 18:10	WG2618574
Naphthalene	0.282		0.132	0.250	50	10/11/2025 18:10	WG2618574
n-Propylbenzene	0.162		0.0120	0.0500	50	10/11/2025 18:10	WG2618574
Styrene	U		0.0171	0.0500	50	10/11/2025 18:10	WG2618574
tert-Butyl alcohol	U		0.248	1.00	50	10/11/2025 18:10	WG2618574
1,1,1,2-Tetrachloroethane	U		0.0191	0.0500	50	10/11/2025 18:10	WG2618574
1,1,2,2-Tetrachloroethane	U		0.0177	0.0500	50	10/11/2025 18:10	WG2618574
Tetrachloroethene	U		0.0179	0.0500	50	10/11/2025 18:10	WG2618574
Toluene	0.0851		0.0137	0.0500	50	10/11/2025 18:10	WG2618574
1,1,1-Trichloroethane	U		0.0168	0.0500	50	10/11/2025 18:10	WG2618574
1,1,2-Trichloroethane	U		0.0188	0.0500	50	10/11/2025 18:10	WG2618574
Trichloroethene	U		0.0192	0.0500	50	10/11/2025 18:10	WG2618574
1,2,4-Trimethylbenzene	0.619		0.0137	0.100	50	10/11/2025 18:10	WG2618574
1,3,5-Trimethylbenzene	0.141		0.0133	0.0500	50	10/11/2025 18:10	WG2618574
Vinyl chloride	U		0.0229	0.0500	50	10/11/2025 18:10	WG2618574
o-Xylene	0.0188	J	0.0159	0.0500	50	10/11/2025 18:10	WG2618574
m&p-Xylene	0.908		0.0275	0.100	50	10/11/2025 18:10	WG2618574
Xylenes, Total	0.927		0.0159	0.150	50	10/11/2025 18:10	WG2618574
(S) Toluene-d8	*105*			*80.0-120*		*10/11/2025 18:10*	WG2618574
(S) 4-Bromofluorobenzene	*92.3*			*77.0-126*		*10/11/2025 18:10*	WG2618574
(S) 1,2-Dichloroethane-d4	*93.1*			*70.0-130*		*10/11/2025 18:10*	WG2618574

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.16		0.0605	0.100	1	10/15/2025 07:14	WG2617842
(S) o-Terphenyl	*105*			*52.0-156*		*10/15/2025 07:14*	WG2617842

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1950		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	235	V	2.74	5.00	5	10/10/2025 12:01	WG2617340
Fluoride	1.39		0.380	0.750	5	10/10/2025 12:01	WG2617340
Nitrate as (N)	U		0.442	0.500	5	10/10/2025 12:01	WG2617340
Nitrite as (N)	U		0.397	0.500	5	10/10/2025 12:01	WG2617340
Sulfate	543		31.8	250	50	10/10/2025 12:46	WG2617340

Sample Narrative:

L1906275-49 WG2617340: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00137	J	0.000120	0.00200	1	10/29/2025 20:29	WG2617433
Barium	0.105		0.000500	0.00200	1	10/29/2025 22:06	WG2617433
Calcium	229		0.0925	1.00	1	10/29/2025 20:29	WG2617433
Chromium	0.00115	J	0.000900	0.00200	1	10/29/2025 20:29	WG2617433
Iron	0.114		0.0226	0.100	1	10/29/2025 20:29	WG2617433
Lead	U		0.000500	0.00200	1	10/29/2025 20:29	WG2617433
Manganese	0.00718		0.000700	0.00500	1	10/29/2025 20:29	WG2617433
Potassium	1.26	J	0.0965	2.00	1	10/29/2025 20:29	WG2617433
Selenium	U		0.000250	0.00200	1	10/29/2025 20:29	WG2617433
Sodium	193		0.142	2.00	1	10/29/2025 20:29	WG2617433

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	14.3		0.594	1.00	10	10/11/2025 22:22	WG2618667
(S) a,a,a-Trifluorotoluene(FID)	*96.9*			*78.0-120*		*10/11/2025 22:22*	WG2618667

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		46.9	50.0	1000	10/11/2025 18:30	WG2618574
Benzene	U		0.320	1.00	1000	10/11/2025 18:30	WG2618574
Bromodichloromethane	U		0.371	1.00	1000	10/11/2025 18:30	WG2618574
Bromoform	U		0.548	1.00	1000	10/11/2025 18:30	WG2618574
Bromomethane	U		4.85	5.00	1000	10/11/2025 18:30	WG2618574
n-Butylbenzene	U		0.516	1.00	1000	10/11/2025 18:30	WG2618574
sec-Butylbenzene	U		0.355	1.00	1000	10/11/2025 18:30	WG2618574
Carbon disulfide	U		0.510	1.00	1000	10/11/2025 18:30	WG2618574
Carbon tetrachloride	U		0.360	1.00	1000	10/11/2025 18:30	WG2618574
Chlorobenzene	U		0.266	1.00	1000	10/11/2025 18:30	WG2618574
Chlorodibromomethane	U		0.398	1.00	1000	10/11/2025 18:30	WG2618574
Chloroethane	U		2.79	5.00	1000	10/11/2025 18:30	WG2618574
Chloroform	U		1.28	5.00	1000	10/11/2025 18:30	WG2618574
Chloromethane	U		1.70	5.00	1000	10/11/2025 18:30	WG2618574
1,2-Dibromoethane	U		0.341	1.00	1000	10/11/2025 18:30	WG2618574
1,1-Dichloroethane	U		0.389	1.00	1000	10/11/2025 18:30	WG2618574

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.395	1.00	1000	10/11/2025 18:30	WG2618574
1,1-Dichloroethene	U		0.422	1.00	1000	10/11/2025 18:30	WG2618574
cis-1,2-Dichloroethene	U		0.323	1.00	1000	10/11/2025 18:30	WG2618574
trans-1,2-Dichloroethene	U		0.348	1.00	1000	10/11/2025 18:30	WG2618574
1,2-Dichloropropane	U		0.427	1.00	1000	10/11/2025 18:30	WG2618574
cis-1,3-Dichloropropene	U		0.348	1.00	1000	10/11/2025 18:30	WG2618574
trans-1,3-Dichloropropene	U		0.313	1.00	1000	10/11/2025 18:30	WG2618574
Ethylbenzene	U		0.234	1.00	1000	10/11/2025 18:30	WG2618574
Isopropylbenzene	U		0.105	1.00	1000	10/11/2025 18:30	WG2618574
p-Isopropyltoluene	U		0.345	1.00	1000	10/11/2025 18:30	WG2618574
2-Butanone (MEK)	U		9.00	20.0	1000	10/11/2025 18:30	WG2618574
2-Hexanone	U		5.80	20.0	1000	10/11/2025 18:30	WG2618574
Methylene Chloride	U		1.48	5.00	1000	10/11/2025 18:30	WG2618574
4-Methyl-2-pentanone (MIBK)	U		7.52	20.0	1000	10/11/2025 18:30	WG2618574
Methyl tert-butyl ether	20.4		0.357	1.00	1000	10/11/2025 18:30	WG2618574
Naphthalene	U		2.64	5.00	1000	10/11/2025 18:30	WG2618574
n-Propylbenzene	U		0.239	1.00	1000	10/11/2025 18:30	WG2618574
Styrene	U		0.342	1.00	1000	10/11/2025 18:30	WG2618574
tert-Butyl alcohol	U		4.96	20.0	1000	10/11/2025 18:30	WG2618574
1,1,1,2-Tetrachloroethane	U		0.381	1.00	1000	10/11/2025 18:30	WG2618574
1,1,2,2-Tetrachloroethane	U		0.354	1.00	1000	10/11/2025 18:30	WG2618574
Tetrachloroethene	U		0.358	1.00	1000	10/11/2025 18:30	WG2618574
Toluene	U		0.274	1.00	1000	10/11/2025 18:30	WG2618574
1,1,1-Trichloroethane	U		0.336	1.00	1000	10/11/2025 18:30	WG2618574
1,1,2-Trichloroethane	U		0.375	1.00	1000	10/11/2025 18:30	WG2618574
Trichloroethene	U		0.383	1.00	1000	10/11/2025 18:30	WG2618574
1,2,4-Trimethylbenzene	U		0.274	2.00	1000	10/11/2025 18:30	WG2618574
1,3,5-Trimethylbenzene	U		0.266	1.00	1000	10/11/2025 18:30	WG2618574
Vinyl chloride	U		0.458	1.00	1000	10/11/2025 18:30	WG2618574
o-Xylene	U		0.319	1.00	1000	10/11/2025 18:30	WG2618574
m&p-Xylene	U		0.549	2.00	1000	10/11/2025 18:30	WG2618574
Xylenes, Total	U		0.319	3.00	1000	10/11/2025 18:30	WG2618574
(S) Toluene-d8	*104*			*80.0-120*		*10/11/2025 18:30*	WG2618574
(S) 4-Bromofluorobenzene	*88.9*			*77.0-126*		*10/11/2025 18:30*	WG2618574
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*10/11/2025 18:30*	WG2618574

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	14.2		0.303	0.500	5	10/15/2025 16:08	WG2617842
(S) o-Terphenyl	*205*	J1		*52.0-156*		*10/15/2025 16:08*	WG2617842

Sample Narrative:

L1906275-49 WG2617842: Surrogate failure due to matrix interference

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2930		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	462		2.74	5.00	5	10/10/2025 09:28	WG2617340
Fluoride	2.54		0.380	0.750	5	10/10/2025 09:28	WG2617340
Nitrate as (N)	U		0.442	0.500	5	10/10/2025 09:28	WG2617340
Nitrite as (N)	U		0.397	0.500	5	10/10/2025 09:28	WG2617340
Sulfate	1070		31.8	250	50	10/10/2025 09:43	WG2617340

Sample Narrative:

L1906275-50 WG2617340: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00501		0.000120	0.00200	1	10/30/2025 19:42	WG2617838
Barium	0.0201		0.000500	0.00200	1	10/30/2025 19:42	WG2617838
Calcium	456		0.0925	1.00	1	10/30/2025 19:42	WG2617838
Chromium	U		0.000900	0.00200	1	10/30/2025 19:42	WG2617838
Iron	1.77		0.0226	0.100	1	10/30/2025 19:42	WG2617838
Lead	U		0.000500	0.00200	1	10/30/2025 19:42	WG2617838
Manganese	0.137		0.000700	0.00500	1	10/30/2025 19:42	WG2617838
Potassium	5.72		0.0965	2.00	1	10/30/2025 19:42	WG2617838
Selenium	0.000890	J	0.000250	0.00200	1	10/30/2025 19:42	WG2617838
Sodium	265		0.142	2.00	1	10/30/2025 19:42	WG2617838

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 14:51	WG2618574
Benzene	U		0.000320	0.00100	1	10/11/2025 14:51	WG2618574
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 14:51	WG2618574
Bromoform	U		0.000548	0.00100	1	10/11/2025 14:51	WG2618574
Bromomethane	U		0.00485	0.00500	1	10/11/2025 14:51	WG2618574
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 14:51	WG2618574
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 14:51	WG2618574
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 14:51	WG2618574
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 14:51	WG2618574
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 14:51	WG2618574
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 14:51	WG2618574
Chloroethane	U		0.00279	0.00500	1	10/11/2025 14:51	WG2618574
Chloroform	U		0.00128	0.00500	1	10/11/2025 14:51	WG2618574
Chloromethane	U		0.00170	0.00500	1	10/11/2025 14:51	WG2618574
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 14:51	WG2618574
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 14:51	WG2618574
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 14:51	WG2618574
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 14:51	WG2618574
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 14:51	WG2618574
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 14:51	WG2618574
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 14:51	WG2618574
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 14:51	WG2618574
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 14:51	WG2618574

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 14:51	WG2618574
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 14:51	WG2618574
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 14:51	WG2618574
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 14:51	WG2618574
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 14:51	WG2618574
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 14:51	WG2618574
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 14:51	WG2618574
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 14:51	WG2618574
Naphthalene	U		0.00264	0.00500	1	10/11/2025 14:51	WG2618574
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 14:51	WG2618574
Styrene	U		0.000342	0.00100	1	10/11/2025 14:51	WG2618574
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 14:51	WG2618574
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 14:51	WG2618574
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 14:51	WG2618574
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 14:51	WG2618574
Toluene	U		0.000274	0.00100	1	10/11/2025 14:51	WG2618574
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 14:51	WG2618574
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 14:51	WG2618574
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 14:51	WG2618574
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 14:51	WG2618574
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 14:51	WG2618574
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 14:51	WG2618574
o-Xylene	U		0.000319	0.00100	1	10/11/2025 14:51	WG2618574
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 14:51	WG2618574
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 14:51	WG2618574
(S) Toluene-d8	*107*			*80.0-120*		*10/11/2025 14:51*	WG2618574
(S) 4-Bromofluorobenzene	*93.8*			*77.0-126*		*10/11/2025 14:51*	WG2618574
(S) 1,2-Dichloroethane-d4	*97.0*			*70.0-130*		*10/11/2025 14:51*	WG2618574

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	23.8		0.605	1.00	10	10/15/2025 16:52	WG2617842
(S) o-Terphenyl	*238*	J1		*52.0-156*		*10/15/2025 16:52*	WG2617842

Sample Narrative:

L1906275-50 WG2617842: Surrogate failure due to matrix interference

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2420		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	96.6		2.74	5.00	5	10/10/2025 07:25	WG2617340
Fluoride	1.77		0.380	0.750	5	10/10/2025 07:25	WG2617340
Nitrate as (N)	U		0.442	0.500	5	10/10/2025 07:25	WG2617340
Nitrite as (N)	U		0.397	0.500	5	10/10/2025 07:25	WG2617340
Sulfate	1330		31.8	250	50	10/10/2025 07:40	WG2617340

Sample Narrative:

L1906275-51 WG2617340: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00839		0.000120	0.00200	1	10/30/2025 19:46	WG2617838
Barium	0.0208		0.000500	0.00200	1	10/30/2025 19:46	WG2617838
Calcium	360		0.0925	1.00	1	10/30/2025 19:46	WG2617838
Chromium	U		0.000900	0.00200	1	10/30/2025 19:46	WG2617838
Iron	0.412		0.0226	0.100	1	10/30/2025 19:46	WG2617838
Lead	0.00302		0.000500	0.00200	1	10/30/2025 19:46	WG2617838
Manganese	0.715		0.000700	0.00500	1	10/30/2025 19:46	WG2617838
Potassium	2.15		0.0965	2.00	1	10/30/2025 19:46	WG2617838
Selenium	0.000317	J	0.000250	0.00200	1	10/30/2025 19:46	WG2617838
Sodium	135		0.142	2.00	1	10/30/2025 19:46	WG2617838

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 15:11	WG2618574
Benzene	U		0.000320	0.00100	1	10/11/2025 15:11	WG2618574
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 15:11	WG2618574
Bromoform	U		0.000548	0.00100	1	10/11/2025 15:11	WG2618574
Bromomethane	U		0.00485	0.00500	1	10/11/2025 15:11	WG2618574
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 15:11	WG2618574
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 15:11	WG2618574
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 15:11	WG2618574
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 15:11	WG2618574
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 15:11	WG2618574
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 15:11	WG2618574
Chloroethane	U		0.00279	0.00500	1	10/11/2025 15:11	WG2618574
Chloroform	U		0.00128	0.00500	1	10/11/2025 15:11	WG2618574
Chloromethane	U		0.00170	0.00500	1	10/11/2025 15:11	WG2618574
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 15:11	WG2618574
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 15:11	WG2618574
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 15:11	WG2618574
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 15:11	WG2618574
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 15:11	WG2618574
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 15:11	WG2618574
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 15:11	WG2618574
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 15:11	WG2618574
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 15:11	WG2618574

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 15:11	WG2618574
Isopropylbenzene	0.00181		0.000105	0.00100	1	10/11/2025 15:11	WG2618574
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 15:11	WG2618574
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 15:11	WG2618574
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 15:11	WG2618574
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 15:11	WG2618574
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 15:11	WG2618574
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 15:11	WG2618574
Naphthalene	U		0.00264	0.00500	1	10/11/2025 15:11	WG2618574
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 15:11	WG2618574
Styrene	U		0.000342	0.00100	1	10/11/2025 15:11	WG2618574
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 15:11	WG2618574
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 15:11	WG2618574
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 15:11	WG2618574
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 15:11	WG2618574
Toluene	U		0.000274	0.00100	1	10/11/2025 15:11	WG2618574
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 15:11	WG2618574
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 15:11	WG2618574
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 15:11	WG2618574
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/11/2025 15:11	WG2618574
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 15:11	WG2618574
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 15:11	WG2618574
o-Xylene	U		0.000319	0.00100	1	10/11/2025 15:11	WG2618574
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 15:11	WG2618574
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 15:11	WG2618574
(S) Toluene-d8	*97.5*			*80.0-120*		*10/11/2025 15:11*	WG2618574
(S) 4-Bromofluorobenzene	*88.1*			*77.0-126*		*10/11/2025 15:11*	WG2618574
(S) 1,2-Dichloroethane-d4	*99.3*			*70.0-130*		*10/11/2025 15:11*	WG2618574

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	19.2		0.605	1.00	10	10/15/2025 17:14	WG2617842
(S) o-Terphenyl	*243*	J1		*52.0-156*		*10/15/2025 17:14*	WG2617842

Sample Narrative:

L1906275-51 WG2617842: Surrogate failure due to matrix interference

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2430		50.0	1	10/11/2025 09:50	WG2618150

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	133		2.74	5.00	5	10/10/2025 05:23	WG2617340
Fluoride	1.47		0.380	0.750	5	10/10/2025 05:23	WG2617340
Nitrate as (N)	4.60		0.442	0.500	5	10/10/2025 05:23	WG2617340
Nitrite as (N)	U		0.397	0.500	5	10/10/2025 05:23	WG2617340
Sulfate	1390		31.8	250	50	10/10/2025 05:38	WG2617340

Sample Narrative:

L1906275-52 WG2617340: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00199	J	0.000120	0.00200	1	10/30/2025 19:49	WG2617838
Barium	0.0167		0.000500	0.00200	1	10/30/2025 19:49	WG2617838
Calcium	412		0.0925	1.00	1	10/30/2025 19:49	WG2617838
Chromium	0.00219		0.000900	0.00200	1	10/30/2025 19:49	WG2617838
Iron	0.153		0.0226	0.100	1	10/30/2025 19:49	WG2617838
Lead	0.00193	J	0.000500	0.00200	1	10/30/2025 19:49	WG2617838
Manganese	1.81		0.000700	0.00500	1	10/30/2025 19:49	WG2617838
Potassium	3.29		0.0965	2.00	1	10/30/2025 19:49	WG2617838
Selenium	0.00237		0.000250	0.00200	1	10/30/2025 19:49	WG2617838
Sodium	128		0.142	2.00	1	10/30/2025 19:49	WG2617838

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/11/2025 15:31	WG2618574
Benzene	U		0.000320	0.00100	1	10/11/2025 15:31	WG2618574
Bromodichloromethane	U		0.000371	0.00100	1	10/11/2025 15:31	WG2618574
Bromoform	U		0.000548	0.00100	1	10/11/2025 15:31	WG2618574
Bromomethane	U		0.00485	0.00500	1	10/11/2025 15:31	WG2618574
n-Butylbenzene	U		0.000516	0.00100	1	10/11/2025 15:31	WG2618574
sec-Butylbenzene	U		0.000355	0.00100	1	10/11/2025 15:31	WG2618574
Carbon disulfide	U		0.000510	0.00100	1	10/11/2025 15:31	WG2618574
Carbon tetrachloride	U		0.000360	0.00100	1	10/11/2025 15:31	WG2618574
Chlorobenzene	U		0.000266	0.00100	1	10/11/2025 15:31	WG2618574
Chlorodibromomethane	U		0.000398	0.00100	1	10/11/2025 15:31	WG2618574
Chloroethane	U		0.00279	0.00500	1	10/11/2025 15:31	WG2618574
Chloroform	U		0.00128	0.00500	1	10/11/2025 15:31	WG2618574
Chloromethane	U		0.00170	0.00500	1	10/11/2025 15:31	WG2618574
1,2-Dibromoethane	U		0.000341	0.00100	1	10/11/2025 15:31	WG2618574
1,1-Dichloroethane	U		0.000389	0.00100	1	10/11/2025 15:31	WG2618574
1,2-Dichloroethane	U		0.000395	0.00100	1	10/11/2025 15:31	WG2618574
1,1-Dichloroethene	U		0.000422	0.00100	1	10/11/2025 15:31	WG2618574
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/11/2025 15:31	WG2618574
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/11/2025 15:31	WG2618574
1,2-Dichloropropane	U		0.000427	0.00100	1	10/11/2025 15:31	WG2618574
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/11/2025 15:31	WG2618574
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/11/2025 15:31	WG2618574

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylbenzene	U		0.000234	0.00100	1	10/11/2025 15:31	WG2618574
Isopropylbenzene	U		0.000105	0.00100	1	10/11/2025 15:31	WG2618574
p-Isopropyltoluene	U		0.000345	0.00100	1	10/11/2025 15:31	WG2618574
2-Butanone (MEK)	U		0.00900	0.0200	1	10/11/2025 15:31	WG2618574
2-Hexanone	U		0.00580	0.0200	1	10/11/2025 15:31	WG2618574
Methylene Chloride	U		0.00148	0.00500	1	10/11/2025 15:31	WG2618574
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/11/2025 15:31	WG2618574
Methyl tert-butyl ether	U		0.000357	0.00100	1	10/11/2025 15:31	WG2618574
Naphthalene	U		0.00264	0.00500	1	10/11/2025 15:31	WG2618574
n-Propylbenzene	U		0.000239	0.00100	1	10/11/2025 15:31	WG2618574
Styrene	U		0.000342	0.00100	1	10/11/2025 15:31	WG2618574
tert-Butyl alcohol	U		0.00496	0.0200	1	10/11/2025 15:31	WG2618574
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/11/2025 15:31	WG2618574
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/11/2025 15:31	WG2618574
Tetrachloroethene	U		0.000358	0.00100	1	10/11/2025 15:31	WG2618574
Toluene	U		0.000274	0.00100	1	10/11/2025 15:31	WG2618574
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/11/2025 15:31	WG2618574
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/11/2025 15:31	WG2618574
Trichloroethene	U		0.000383	0.00100	1	10/11/2025 15:31	WG2618574
1,2,4-Trimethylbenzene	0.000658	J	0.000274	0.00200	1	10/11/2025 15:31	WG2618574
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/11/2025 15:31	WG2618574
Vinyl chloride	U		0.000458	0.00100	1	10/11/2025 15:31	WG2618574
o-Xylene	U		0.000319	0.00100	1	10/11/2025 15:31	WG2618574
m&p-Xylene	U		0.000549	0.00200	1	10/11/2025 15:31	WG2618574
Xylenes, Total	U		0.000319	0.00300	1	10/11/2025 15:31	WG2618574
(S) Toluene-d8	*105*			*80.0-120*		*10/11/2025 15:31*	WG2618574
(S) 4-Bromofluorobenzene	*91.1*			*77.0-126*		*10/11/2025 15:31*	WG2618574
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*		*10/11/2025 15:31*	WG2618574

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	17.0		0.605	1.00	10	10/15/2025 16:30	WG2617842
(S) o-Terphenyl	*237*	J1		*52.0-156*		*10/15/2025 16:30*	WG2617842

Sample Narrative:

L1906275-52 WG2617842: Surrogate failure due to matrix interference

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2190		50.0	1	10/11/2025 10:40	WG2618318

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	298		2.74	5.00	5	10/10/2025 10:29	WG2617340
Fluoride	1.39		0.380	0.750	5	10/10/2025 10:29	WG2617340
Nitrate as (N)	U		0.442	0.500	5	10/10/2025 10:29	WG2617340
Nitrite as (N)	U		0.397	0.500	5	10/10/2025 10:29	WG2617340
Sulfate	937		31.8	250	50	10/10/2025 10:44	WG2617340

Sample Narrative:

L1906275-53 WG2617340: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.476		0.0232	0.200	1	10/10/2025 12:20	WG2617448
Boron,Dissolved	0.496		0.0232	0.200	1	10/12/2025 20:20	WG2617819

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00530		0.000120	0.00200	1	10/30/2025 19:53	WG2617838
Arsenic,Dissolved	0.00595		0.000120	0.00200	1	11/11/2025 11:10	WG2617445
Barium	0.0152		0.000500	0.00200	1	10/30/2025 19:53	WG2617838
Calcium	256		0.0925	1.00	1	10/30/2025 19:53	WG2617838
Chromium	0.00154	J	0.000900	0.00200	1	10/30/2025 19:53	WG2617838
Iron	U		0.0226	0.100	1	10/30/2025 19:53	WG2617838
Iron,Dissolved	U		0.0226	0.100	1	11/11/2025 11:10	WG2617445
Lead	0.000589	J	0.000500	0.00200	1	10/30/2025 19:53	WG2617838
Manganese	0.248		0.000700	0.00500	1	10/30/2025 19:53	WG2617838
Manganese,Dissolved	0.214		0.000700	0.00500	1	11/11/2025 11:10	WG2617445
Potassium	0.656	J	0.0965	2.00	1	10/30/2025 19:53	WG2617838
Selenium	0.00162	J	0.000250	0.00200	1	10/30/2025 19:53	WG2617838
Sodium	230		0.142	2.00	1	10/30/2025 19:53	WG2617838
Uranium	0.0199		0.000130	0.00100	1	10/30/2025 19:53	WG2617838
Uranium,Dissolved	0.0201		0.000130	0.00100	1	11/11/2025 11:10	WG2617445

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	10/11/2025 16:36	WG2618667
(S) a,a,a-Trifluorotoluene(FID)	*98.8*			*78.0-120*		*10/11/2025 16:36*	WG2618667

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0469	0.0500	1	10/14/2025 14:22	WG2619647
Benzene	U		0.000320	0.00100	1	10/14/2025 14:22	WG2619647
Bromodichloromethane	U		0.000371	0.00100	1	10/14/2025 14:22	WG2619647
Bromoform	U	C3	0.000548	0.00100	1	10/14/2025 14:22	WG2619647
Bromomethane	U		0.00485	0.00500	1	10/14/2025 14:22	WG2619647

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
n-Butylbenzene	U		0.000516	0.00100	1	10/14/2025 14:22	WG2619647
sec-Butylbenzene	U		0.000355	0.00100	1	10/14/2025 14:22	WG2619647
Carbon disulfide	U		0.000510	0.00100	1	10/14/2025 14:22	WG2619647
Carbon tetrachloride	U		0.000360	0.00100	1	10/14/2025 14:22	WG2619647
Chlorobenzene	U		0.000266	0.00100	1	10/14/2025 14:22	WG2619647
Chlorodibromomethane	U		0.000398	0.00100	1	10/14/2025 14:22	WG2619647
Chloroethane	U		0.00279	0.00500	1	10/14/2025 14:22	WG2619647
Chloroform	U		0.00128	0.00500	1	10/14/2025 14:22	WG2619647
Chloromethane	U		0.00170	0.00500	1	10/14/2025 14:22	WG2619647
1,2-Dibromoethane	U		0.000341	0.00100	1	10/14/2025 14:22	WG2619647
1,1-Dichloroethane	U		0.000389	0.00100	1	10/14/2025 14:22	WG2619647
1,2-Dichloroethane	U		0.000395	0.00100	1	10/14/2025 14:22	WG2619647
1,1-Dichloroethene	U		0.000422	0.00100	1	10/14/2025 14:22	WG2619647
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	10/14/2025 14:22	WG2619647
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	10/14/2025 14:22	WG2619647
1,2-Dichloropropane	U		0.000427	0.00100	1	10/14/2025 14:22	WG2619647
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	10/14/2025 14:22	WG2619647
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	10/14/2025 14:22	WG2619647
Ethylbenzene	U		0.000234	0.00100	1	10/14/2025 14:22	WG2619647
Isopropylbenzene	U		0.000105	0.00100	1	10/14/2025 14:22	WG2619647
p-Isopropyltoluene	U		0.000345	0.00100	1	10/14/2025 14:22	WG2619647
2-Butanone (MEK)	U		0.00900	0.0200	1	10/14/2025 14:22	WG2619647
2-Hexanone	U		0.00580	0.0200	1	10/14/2025 14:22	WG2619647
Methylene Chloride	U		0.00148	0.00500	1	10/14/2025 14:22	WG2619647
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	10/14/2025 14:22	WG2619647
Methyl tert-butyl ether	0.0363		0.000357	0.00100	1	10/14/2025 14:22	WG2619647
Naphthalene	U		0.00264	0.00500	1	10/14/2025 14:22	WG2619647
n-Propylbenzene	U		0.000239	0.00100	1	10/14/2025 14:22	WG2619647
Styrene	U		0.000342	0.00100	1	10/14/2025 14:22	WG2619647
tert-Butyl alcohol	U		0.00496	0.0200	1	10/14/2025 14:22	WG2619647
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	10/14/2025 14:22	WG2619647
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	10/14/2025 14:22	WG2619647
Tetrachloroethene	U		0.000358	0.00100	1	10/14/2025 14:22	WG2619647
Toluene	U		0.000274	0.00100	1	10/14/2025 14:22	WG2619647
1,1,1-Trichloroethane	U		0.000336	0.00100	1	10/14/2025 14:22	WG2619647
1,1,2-Trichloroethane	U		0.000375	0.00100	1	10/14/2025 14:22	WG2619647
Trichloroethene	U		0.000383	0.00100	1	10/14/2025 14:22	WG2619647
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	10/14/2025 14:22	WG2619647
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	10/14/2025 14:22	WG2619647
Vinyl chloride	U		0.000458	0.00100	1	10/14/2025 14:22	WG2619647
o-Xylene	U		0.000319	0.00100	1	10/14/2025 14:22	WG2619647
m&p-Xylene	U		0.000549	0.00200	1	10/14/2025 14:22	WG2619647
Xylenes, Total	U		0.000319	0.00300	1	10/14/2025 14:22	WG2619647
(S) Toluene-d8	*107*			*80.0-120*		*10/14/2025 14:22*	WG2619647
(S) 4-Bromofluorobenzene	*94.9*			*77.0-126*		*10/14/2025 14:22*	WG2619647
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/14/2025 14:22*	WG2619647

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	3.84		0.0605	0.100	1	10/15/2025 07:35	WG2617842
(S) o-Terphenyl	*112*			*52.0-156*		*10/15/2025 07:35*	WG2617842

Method Blank (MB)

(MB) R4285890-1 10/11/25 17:34

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1906274-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1906274-02 10/11/25 17:34 • (DUP) R4285890-3 10/11/25 17:34

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2740	2840	1	3.58		10

L1906275-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1906275-03 10/11/25 17:34 • (DUP) R4285890-4 10/11/25 17:34

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	4840	4770	1	1.46		10

Laboratory Control Sample (LCS)

(LCS) R4285890-2 10/11/25 17:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8560	97.3	90.0-110	

Method Blank (MB)

(MB) R4286723-1 10/13/25 12:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1906275-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1906275-04 10/13/25 12:49 • (DUP) R4286723-3 10/13/25 12:49

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	5460	5560	1	1.81		10

L1906275-29 Original Sample (OS) • Duplicate (DUP)

(OS) L1906275-29 10/13/25 12:49 • (DUP) R4286723-4 10/13/25 12:49

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	12.0	17.0	1	34.5	P1	10

Laboratory Control Sample (LCS)

(LCS) R4286723-2 10/13/25 12:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8450	96.0	90.0-110	

Method Blank (MB)

(MB) R4286153-1 10/11/25 09:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1906275-32 Original Sample (OS) • Duplicate (DUP)

(OS) L1906275-32 10/11/25 09:50 • (DUP) R4286153-3 10/11/25 09:50

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2390	2380	1	0.420		10

L1906275-52 Original Sample (OS) • Duplicate (DUP)

(OS) L1906275-52 10/11/25 09:50 • (DUP) R4286153-4 10/11/25 09:50

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2430	2450	1	0.821		10

Laboratory Control Sample (LCS)

(LCS) R4286153-2 10/11/25 09:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8600	97.7	90.0-110	

Method Blank (MB)

(MB) R4286146-1 10/11/25 10:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1906251-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1906251-02 10/11/25 10:40 • (DUP) R4286146-3 10/11/25 10:40

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	6700	6600	1	1.50		10

L1906275-53 Original Sample (OS) • Duplicate (DUP)

(OS) L1906275-53 10/11/25 10:40 • (DUP) R4286146-4 10/11/25 10:40

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	2190	2180	1	0.687		10

Laboratory Control Sample (LCS)

(LCS) R4286146-2 10/11/25 10:40

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8620	98.0	90.0-110	

Method Blank (MB)

(MB) R4287498-1 10/10/25 00:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1906247-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1906247-22 10/10/25 03:55 • (DUP) R4287498-3 10/10/25 04:17

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Fluoride	0.312	0.321	1	2.94		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15

L1906247-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1906247-22 10/10/25 04:06 • (DUP) R4287498-4 10/10/25 04:28

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	202	201	10	0.581		15
Sulfate	472	465	10	1.34		15

L1906247-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1906247-25 10/10/25 05:54 • (DUP) R4287498-6 10/10/25 06:16

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Fluoride	U	U	10	0.000		15
Nitrate as (N)	3.24	3.23	10	0.297		15
Nitrite as (N)	U	U	10	0.000		15

L1906247-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1906247-25 10/10/25 06:05 • (DUP) R4287498-7 10/10/25 06:26

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	1890	1900	100	0.885		15

L1906247-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1906247-25 10/16/25 16:45 • (DUP) R4288430-1 10/16/25 16:56

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	11900	12100	250	1.48		15

Laboratory Control Sample (LCS)

(LCS) R4287498-2 10/10/25 00:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.2	97.9	80.0-120	
Fluoride	8.00	8.20	103	80.0-120	
Nitrate as (N)	8.00	8.23	103	80.0-120	
Nitrite as (N)	8.00	8.36	104	80.0-120	
Sulfate	40.0	40.5	101	80.0-120	

L1906247-22 Original Sample (OS) • Matrix Spike (MS)

(OS) L1906247-22 10/10/25 03:55 • (MS) R4287498-5 10/10/25 04:38

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	204	200	0.000	1	80.0-120	E V
Fluoride	8.00	0.312	8.29	99.7	1	80.0-120	
Nitrate as (N)	8.00	U	8.24	103	1	80.0-120	
Nitrite as (N)	8.00	U	8.50	106	1	80.0-120	
Sulfate	40.0	467	379	0.000	1	80.0-120	E V

L1906247-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906247-25 10/10/25 05:54 • (MS) R4287498-8 10/10/25 06:37 • (MSD) R4287498-9 10/10/25 06:48

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	12900	9940	9880	0.000	0.000	10	80.0-120	E V	E V	0.611	15
Fluoride	8.00	U	6.08	5.87	76.0	73.3	10	80.0-120	J6	J6	3.55	15
Nitrate as (N)	8.00	3.24	9.27	9.23	75.4	74.9	10	80.0-120	J6	J6	0.411	15
Nitrite as (N)	8.00	U	7.65	7.61	95.6	95.1	10	80.0-120			0.477	15
Sulfate	40.0	1990	1580	1580	0.000	0.000	10	80.0-120	E V	E V	0.0000127	15

L1906247-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906247-25 10/16/25 16:45 • (MS) R4288430-2 10/16/25 17:06 • (MSD) R4288430-3 10/16/25 17:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	11900	9420	9250	0.000	0.000	250	80.0-120	V	V	1.75	15

Method Blank (MB)

(MB) R4286792-1 10/09/25 22:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1906275-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1906275-15 10/09/25 23:28 • (DUP) R4286792-3 10/09/25 23:40

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	0.944	1.00	1	5.87		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1906275-27 Original Sample (OS) • Duplicate (DUP)

(OS) L1906275-27 10/10/25 01:17 • (DUP) R4286792-6 10/10/25 01:30

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	1.91	2.03	1	6.09		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	1.13	1.15	1	1.70	J	15

Laboratory Control Sample (LCS)

(LCS) R4286792-2 10/09/25 23:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	36.6	91.6	80.0-120	
Fluoride	8.00	7.79	97.4	80.0-120	
Nitrate as (N)	8.00	7.47	93.4	80.0-120	
Nitrite as (N)	8.00	7.69	96.2	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4286792-2 10/09/25 23:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40.0	36.9	92.4	80.0-120	

L1906275-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906275-15 10/09/25 23:28 • (MS) R4286792-4 10/09/25 23:53 • (MSD) R4286792-5 10/10/25 00:05

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	0.944	40.3	36.8	98.4	89.8	1	80.0-120			8.94	15
Fluoride	8.00	U	8.36	7.70	104	96.2	1	80.0-120			8.23	15
Nitrate as (N)	8.00	U	8.07	7.39	101	92.4	1	80.0-120			8.78	15
Nitrite as (N)	8.00	U	8.23	7.58	103	94.8	1	80.0-120			8.22	15
Sulfate	40.0	U	40.0	36.4	100	91.1	1	80.0-120			9.26	15

L1906275-27 Original Sample (OS) • Matrix Spike (MS)

(OS) L1906275-27 10/10/25 01:17 • (MS) R4286792-7 10/10/25 01:42

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	1.91	39.3	93.5	1	80.0-120	
Fluoride	8.00	U	7.99	99.9	1	80.0-120	
Nitrate as (N)	8.00	U	7.71	96.3	1	80.0-120	
Nitrite as (N)	8.00	U	7.89	98.7	1	80.0-120	
Sulfate	40.0	1.13	38.7	93.8	1	80.0-120	

Method Blank (MB)

(MB) R4287865-1 10/10/25 04:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1906275-46 Original Sample (OS) • Duplicate (DUP)

(OS) L1906275-46 10/10/25 08:26 • (DUP) R4287865-3 10/10/25 08:42

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1906275-49 Original Sample (OS) • Duplicate (DUP)

(OS) L1906275-49 10/10/25 12:01 • (DUP) R4287865-6 10/10/25 12:16

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	235	229	5	2.76		15
Fluoride	1.39	1.32	5	5.66		15
Nitrate as (N)	U	U	5	0.000		15
Nitrite as (N)	U	U	5	0.000		15

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1906275-49 Original Sample (OS) • Duplicate (DUP)

(OS) L1906275-49 10/10/25 12:46 • (DUP) R4287865-8 10/10/25 13:02

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	543	548	50	0.904		15

Laboratory Control Sample (LCS)

(LCS) R4287865-2 10/10/25 05:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.9	99.8	80.0-120	
Fluoride	8.00	8.32	104	80.0-120	
Nitrate as (N)	8.00	8.08	101	80.0-120	
Nitrite as (N)	8.00	8.19	102	80.0-120	
Sulfate	40.0	40.8	102	80.0-120	

L1906275-46 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906275-46 10/10/25 08:26 • (MS) R4287865-4 10/10/25 08:57 • (MSD) R4287865-5 10/10/25 09:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	U	39.8	39.9	99.5	99.6	1	80.0-120			0.166	15
Fluoride	8.00	U	8.17	8.25	102	103	1	80.0-120			0.947	15
Nitrate as (N)	8.00	U	8.04	8.07	101	101	1	80.0-120			0.372	15
Nitrite as (N)	8.00	U	8.15	8.19	102	102	1	80.0-120			0.432	15
Sulfate	40.0	U	40.7	40.8	102	102	1	80.0-120			0.278	15

L1906275-49 Original Sample (OS) • Matrix Spike (MS)

(OS) L1906275-49 10/10/25 12:01 • (MS) R4287865-7 10/10/25 12:31

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	235	219	0.000	5	80.0-120	V
Fluoride	8.00	1.39	9.06	95.9	5	80.0-120	
Nitrate as (N)	8.00	U	7.41	92.6	5	80.0-120	
Nitrite as (N)	8.00	U	8.11	101	5	80.0-120	
Sulfate	40.0	523	442	0.000	5	80.0-120	V

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

Method Blank (MB)

(MB) R4287311-1 10/14/25 23:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Sulfate	U		0.637	5.00

L1905928-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1905928-04 10/15/25 00:40 • (DUP) R4287311-3 10/15/25 00:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	1.46	1.37	1	6.42		15
Fluoride	U	U	1	0.000		15
Sulfate	2.43	2.29	1	6.22	J	15

L1906437-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1906437-01 10/15/25 02:35 • (DUP) R4287311-6 10/15/25 02:47

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	25.1	25.8	1	2.71		15
Fluoride	0.120	0.123	1	2.14	J	15
Sulfate	19.2	19.5	1	1.97		15

Laboratory Control Sample (LCS)

(LCS) R4287311-2 10/14/25 23:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.3	95.8	80.0-120	
Fluoride	8.00	8.00	100	80.0-120	
Sulfate	40.0	39.2	98.0	80.0-120	

L1905928-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905928-04 10/15/25 00:40 • (MS) R4287311-4 10/15/25 01:09 • (MSD) R4287311-5 10/15/25 01:22

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	1.46	39.6	39.5	95.3	95.1	1	80.0-120			0.250	15
Fluoride	8.00	U	8.15	8.13	102	102	1	80.0-120			0.245	15
Sulfate	40.0	2.43	41.4	41.2	97.4	96.8	1	80.0-120			0.538	15

L1906437-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1906437-01 10/15/25 02:35 • (MS) R4287311-7 10/15/25 02:59

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	25.1	59.5	86.2	1	80.0-120	
Fluoride	8.00	0.120	8.50	105	1	80.0-120	
Sulfate	40.0	19.2	55.6	91.2	1	80.0-120	

Method Blank (MB)

(MB) R4285405-1 10/10/25 11:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4285405-2 10/10/25 11:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	0.989	98.9	80.0-120	

L1906359-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906359-04 10/10/25 11:48 • (MS) R4285405-4 10/10/25 11:51 • (MSD) R4285405-5 10/10/25 11:53

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00	U	0.973	0.973	97.3	97.3	1	75.0-125			0.0763	20

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R4285954-1 10/12/25 19:59

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron,Dissolved	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4285954-2 10/12/25 20:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron,Dissolved	1.00	0.907	90.7	80.0-120	

L1906275-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906275-13 10/12/25 20:02 • (MS) R4285954-4 10/12/25 20:06 • (MSD) R4285954-5 10/12/25 20:08

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron,Dissolved	1.00	0.637	1.57	1.55	92.9	90.9	1	75.0-125			1.29	20

Method Blank (MB)

(MB) R4293142-1 10/28/25 18:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4293142-2 10/28/25 18:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0491	98.1	80.0-120	
Barium	0.0500	0.0456	91.2	80.0-120	
Calcium	5.00	5.23	105	80.0-120	
Chromium	0.0500	0.0483	96.6	80.0-120	
Iron	1.00	0.980	98.0	80.0-120	
Lead	0.0500	0.0482	96.4	80.0-120	
Manganese	0.0500	0.0473	94.6	80.0-120	
Potassium	5.00	4.94	98.9	80.0-120	
Selenium	0.0500	0.0482	96.5	80.0-120	
Sodium	5.00	5.02	100	80.0-120	
Uranium	0.0500	0.0454	90.8	80.0-120	

L1906275-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906275-16 10/28/25 18:24 • (MS) R4293142-4 10/28/25 18:31 • (MSD) R4293142-5 10/28/25 18:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.000465	0.0512	0.0508	102	101	1	75.0-125			0.853	20
Barium	0.0500	0.0540	0.105	0.0993	103	90.7	1	75.0-125			5.99	20
Calcium	5.00	299	300	297	18.5	0.000	1	75.0-125	V	V	1.02	20
Chromium	0.0500	U	0.0493	0.0494	98.7	98.9	1	75.0-125			0.222	20
Iron	1.00	0.400	1.34	1.34	93.6	94.2	1	75.0-125			0.490	20

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L1906275-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906275-16 10/28/25 18:24 • (MS) R4293142-4 10/28/25 18:31 • (MSD) R4293142-5 10/28/25 18:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	0.00177	0.0508	0.0500	98.0	96.4	1	75.0-125			1.61	20
Manganese	0.0500	1.06	1.11	1.11	103	103	1	75.0-125			0.0389	20
Potassium	5.00	0.537	5.46	5.41	98.5	97.5	1	75.0-125			0.904	20
Selenium	0.0500	U	0.0499	0.0518	99.7	104	1	75.0-125			3.87	20
Sodium	5.00	158	168	169	191	219	1	75.0-125	V	V	0.827	20
Uranium	0.0500	0.000437	0.0487	0.0478	96.4	94.7	1	75.0-125			1.81	20

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Method Blank (MB)

(MB) R4293771-1 10/29/25 17:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4293771-2 10/29/25 17:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0481	96.3	80.0-120	
Barium	0.0500	0.0472	94.4	80.0-120	
Calcium	5.00	4.89	97.8	80.0-120	
Chromium	0.0500	0.0519	104	80.0-120	
Iron	1.00	1.02	102	80.0-120	
Lead	0.0500	0.0506	101	80.0-120	
Manganese	0.0500	0.0499	99.7	80.0-120	
Potassium	5.00	4.99	99.7	80.0-120	
Selenium	0.0500	0.0492	98.3	80.0-120	
Sodium	5.00	5.05	101	80.0-120	
Uranium	0.0500	0.0519	104	80.0-120	

L1906275-46 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906275-46 10/29/25 17:49 • (MS) R4293771-4 10/29/25 17:56 • (MSD) R4293771-5 10/29/25 17:59

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	U	0.0484	0.0476	96.8	95.3	1	75.0-125			1.54	20
Barium	0.0500	U	0.0480	0.0457	95.9	91.5	1	75.0-125			4.75	20
Calcium	5.00	U	5.04	4.95	101	99.1	1	75.0-125			1.71	20
Chromium	0.0500	U	0.0505	0.0509	101	102	1	75.0-125			0.705	20
Iron	1.00	U	1.03	1.00	103	100	1	75.0-125			2.39	20

L1906275-46 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906275-46 10/29/25 17:49 • (MS) R4293771-4 10/29/25 17:56 • (MSD) R4293771-5 10/29/25 17:59

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	U	0.0502	0.0495	100	99.1	1	75.0-125			1.35	20
Manganese	0.0500	U	0.0497	0.0498	99.4	99.7	1	75.0-125			0.311	20
Potassium	5.00	U	4.98	4.86	99.6	97.3	1	75.0-125			2.41	20
Selenium	0.0500	U	0.0507	0.0489	101	97.8	1	75.0-125			3.55	20
Sodium	5.00	U	5.04	5.03	101	101	1	75.0-125			0.122	20
Uranium	0.0500	U	0.0517	0.0510	103	102	1	75.0-125			1.22	20

Method Blank (MB)

(MB) R4297336-1 11/06/25 10:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.000120	0.00200
Iron,Dissolved	U		0.0226	0.100
Manganese,Dissolved	U		0.000700	0.00500
Uranium,Dissolved	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4297336-2 11/06/25 10:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic,Dissolved	0.0500	0.0521	104	80.0-120	
Iron,Dissolved	1.00	1.08	108	80.0-120	
Manganese,Dissolved	0.0500	0.0548	110	80.0-120	
Uranium,Dissolved	0.0500	0.0517	103	80.0-120	

L1906251-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906251-04 11/06/25 10:43 • (MS) R4297336-11 11/06/25 10:49 • (MSD) R4297336-12 11/06/25 10:52

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.00124	0.0543	0.0558	106	109	10	75.0-125			2.78	20
Iron,Dissolved	1.00	1.65	2.71	2.67	106	102	10	75.0-125			1.44	20
Manganese,Dissolved	0.0500	4.01	4.14	4.03	251	36.9	10	75.0-125	V	V	2.62	20
Uranium,Dissolved	0.0500	0.00295	0.0557	0.0555	106	105	10	75.0-125			0.476	20

L1906251-32 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906251-32 11/06/25 10:55 • (MS) R4297336-13 11/06/25 10:58 • (MSD) R4297336-14 11/06/25 11:02

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0500	0.00191	0.0575	0.0575	111	111	10	75.0-125			0.0700	20
Iron,Dissolved	1.00	U	1.10	1.07	110	107	10	75.0-125			2.64	20
Manganese,Dissolved	0.0500	1.08	1.15	1.15	140	128	10	75.0-125	V	V	0.537	20
Uranium,Dissolved	0.0500	0.00830	0.0598	0.0596	103	103	10	75.0-125			0.388	20

Method Blank (MB)

(MB) R4294412-1 10/30/25 17:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	0.0965	J	0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4294412-2 10/30/25 17:51

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0513	103	80.0-120	
Barium	0.0500	0.0503	101	80.0-120	
Calcium	5.00	5.24	105	80.0-120	
Chromium	0.0500	0.0524	105	80.0-120	
Iron	1.00	1.03	103	80.0-120	
Lead	0.0500	0.0520	104	80.0-120	
Manganese	0.0500	0.0515	103	80.0-120	
Potassium	5.00	5.21	104	80.0-120	
Selenium	0.0500	0.0506	101	80.0-120	
Sodium	5.00	5.14	103	80.0-120	
Uranium	0.0500	0.0495	98.9	80.0-120	

L1906342-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906342-01 10/30/25 18:02 • (MS) R4294412-5 10/30/25 18:08 • (MSD) R4294412-6 10/30/25 18:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	U	0.0518	0.0536	104	107	10	75.0-125			3.37	20
Barium	0.0500	0.0146	0.0662	0.0631	103	97.0	10	75.0-125			4.72	20
Calcium	5.00	482	452	450	0.000	0.000	10	75.0-125	V	V	0.421	20
Chromium	0.0500	U	0.0489	0.0505	97.7	101	10	75.0-125			3.38	20
Iron	1.00	U	1.34	1.23	134	123	10	75.0-125	J5		8.35	20

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L1906342-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906342-01 10/30/25 18:02 • (MS) R4294412-5 10/30/25 18:08 • (MSD) R4294412-6 10/30/25 18:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	U	0.0500	0.0469	100	93.7	10	75.0-125			6.55	20
Manganese	0.0500	4.82	4.57	4.46	0.000	0.000	10	75.0-125	V	V	2.41	20
Potassium	5.00	65.1	66.3	65.8	24.8	15.2	10	75.0-125	V	V	0.730	20
Selenium	0.0500	0.270	0.304	0.305	67.9	70.5	10	75.0-125	V	V	0.427	20
Sodium	5.00	7440	6920	6930	0.000	0.000	10	75.0-125	V	V	0.160	20
Uranium	0.0500	0.00719	0.0548	0.0521	95.2	89.8	10	75.0-125			5.08	20

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QUALITY CONTROL SUMMARY

L1906275-01,02,03,04,05,07,08,09

Method Blank (MB)

(MB) R4287673-2 10/10/25 16:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	*97.6*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4287673-1 10/10/25 14:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.28	85.6	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*96.4*	*78.0-120*	

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Method Blank (MB)

(MB) R4286245-3 10/11/25 02:27

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	*97.8*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4286245-1 10/11/25 01:20 • (LCSD) R4286245-2 10/11/25 01:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	4.69	5.03	93.8	101	72.0-127			7.00	20
(S) a,a,a-Trifluorotoluene(FID)				*105*	*107*	*78.0-120*				

Method Blank (MB)

(MB) R4286234-3 10/11/25 01:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	*99.6*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4286234-2 10/10/25 23:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.97	99.4	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*105*	*78.0-120*	

Method Blank (MB)

(MB) R4287556-2 10/11/25 13:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	*99.0*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4287556-1 10/11/25 11:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	5.32	106	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*99.4*	*78.0-120*	

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Method Blank (MB)

(MB) R4289344-2 10/15/25 19:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	*99.2*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R4289344-1 10/15/25 18:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.99	99.8	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*106*	*78.0-120*	

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Method Blank (MB)

(MB) R4287109-3 10/11/25 06:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Benzene	U		0.000320	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
Carbon disulfide	U		0.000510	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
Ethylbenzene	U		0.000234	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
2-Hexanone	U		0.00580	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
tert-Butyl alcohol	U		0.00496	0.0200
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,1,1-Trichloroethane	U		0.000336	0.00100

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Method Blank (MB)

(MB) R4287109-3 10/11/25 06:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
o-Xylene	U		0.000319	0.00100
m&p-Xylene	U		0.000549	0.00200
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4287109-1 10/11/25 05:00 • (LCSD) R4287109-2 10/11/25 05:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0469	0.0402	93.8	80.4	19.0-160	J	J	15.4	27
Benzene	0.0100	0.00869	0.00784	86.9	78.4	70.0-123			10.3	20
Bromodichloromethane	0.0100	0.00832	0.00764	83.2	76.4	75.0-120			8.52	20
Bromoform	0.0100	0.00736	0.00701	73.6	70.1	68.0-132			4.87	20
Bromomethane	0.0100	0.00903	0.00809	90.3	80.9	10.0-160			11.0	25
n-Butylbenzene	0.0100	0.0103	0.00896	103	89.6	73.0-125			13.9	20
sec-Butylbenzene	0.0100	0.0102	0.00894	102	89.4	75.0-125			13.2	20
Carbon disulfide	0.0100	0.00891	0.00775	89.1	77.5	61.0-128			13.9	20
Carbon tetrachloride	0.0100	0.00851	0.00738	85.1	73.8	68.0-126			14.2	20
Chlorobenzene	0.0100	0.00935	0.00845	93.5	84.5	80.0-121			10.1	20
Chlorodibromomethane	0.0100	0.00817	0.00768	81.7	76.8	77.0-125		J4	6.18	20
Chloroethane	0.0100	0.00938	0.00821	93.8	82.1	47.0-150			13.3	20
Chloroform	0.0100	0.00860	0.00789	86.0	78.9	73.0-120			8.61	20
Chloromethane	0.0100	0.00921	0.00850	92.1	85.0	41.0-142			8.02	20
1,2-Dibromoethane	0.0100	0.00899	0.00839	89.9	83.9	80.0-122			6.90	20
1,1-Dichloroethane	0.0100	0.00908	0.00808	90.8	80.8	70.0-126			11.7	20
1,2-Dichloroethane	0.0100	0.00943	0.00868	94.3	86.8	70.0-128			8.28	20
1,1-Dichloroethene	0.0100	0.00868	0.00758	86.8	75.8	71.0-124			13.5	20
cis-1,2-Dichloroethene	0.0100	0.00848	0.00762	84.8	76.2	73.0-120			10.7	20
trans-1,2-Dichloroethene	0.0100	0.00851	0.00774	85.1	77.4	73.0-120			9.48	20
1,2-Dichloropropane	0.0100	0.00912	0.00833	91.2	83.3	77.0-125			9.05	20
cis-1,3-Dichloropropene	0.0100	0.00837	0.00772	83.7	77.2	80.0-123		J4	8.08	20

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Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4287109-1 10/11/25 05:00 • (LCSD) R4287109-2 10/11/25 05:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.0100	0.00953	0.00881	95.3	88.1	78.0-124			7.85	20
Ethylbenzene	0.0100	0.00922	0.00825	92.2	82.5	79.0-123			11.1	20
Isopropylbenzene	0.0100	0.00950	0.00830	95.0	83.0	76.0-127			13.5	20
p-Isopropyltoluene	0.0100	0.0101	0.00902	101	90.2	76.0-125			11.3	20
2-Butanone (MEK)	0.0500	0.0454	0.0416	90.8	83.2	44.0-160			8.74	20
2-Hexanone	0.0500	0.0507	0.0469	101	93.8	67.0-149			7.79	20
Methylene Chloride	0.0100	0.00879	0.00801	87.9	80.1	67.0-120			9.29	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.0537	0.0505	107	101	68.0-142			6.14	20
Methyl tert-butyl ether	0.0100	0.00873	0.00826	87.3	82.6	68.0-125			5.53	20
Naphthalene	0.0100	0.00887	0.00872	88.7	87.2	54.0-135			1.71	20
n-Propylbenzene	0.0100	0.0105	0.00915	105	91.5	77.0-124			13.7	20
Styrene	0.0100	0.00905	0.00813	90.5	81.3	73.0-130			10.7	20
tert-Butyl alcohol	0.0500	0.0447	0.0428	89.4	85.6	27.0-160			4.34	30
1,1,1,2-Tetrachloroethane	0.0100	0.00887	0.00814	88.7	81.4	75.0-125			8.58	20
1,1,2,2-Tetrachloroethane	0.0100	0.00973	0.00934	97.3	93.4	65.0-130			4.09	20
Tetrachloroethene	0.0100	0.00911	0.00790	91.1	79.0	72.0-132			14.2	20
Toluene	0.0100	0.00963	0.00857	96.3	85.7	79.0-120			11.6	20
1,1,1-Trichloroethane	0.0100	0.00902	0.00781	90.2	78.1	73.0-124			14.4	20
1,1,2-Trichloroethane	0.0100	0.00953	0.00875	95.3	87.5	80.0-120			8.53	20
Trichloroethene	0.0100	0.00877	0.00764	87.7	76.4	78.0-124		J4	13.8	20
1,2,4-Trimethylbenzene	0.0100	0.0100	0.00915	100	91.5	76.0-121			8.88	20
1,3,5-Trimethylbenzene	0.0100	0.0101	0.00910	101	91.0	76.0-122			10.4	20
Vinyl chloride	0.0100	0.0102	0.00896	102	89.6	67.0-131			12.9	20
o-Xylene	0.0100	0.00912	0.00819	91.2	81.9	80.0-122			10.7	20
m&p-Xylene	0.0200	0.0189	0.0165	94.5	82.5	80.0-122			13.6	20
Xylenes, Total	0.0300	0.0280	0.0247	93.3	82.3	79.0-123			12.5	20
(S) Toluene-d8				*105*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*94.7*	*96.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*108*	*108*	*70.0-130*				

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4286255-3 10/11/25 06:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Benzene	U		0.000320	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
Carbon disulfide	U		0.000510	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
Ethylbenzene	U		0.000234	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
2-Hexanone	U		0.00580	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
tert-Butyl alcohol	U		0.00496	0.0200
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,1,1-Trichloroethane	U		0.000336	0.00100

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Method Blank (MB)

(MB) R4286255-3 10/11/25 06:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
o-Xylene	U		0.000319	0.00100
m&p-Xylene	U		0.000549	0.00200
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*105*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4286255-1 10/11/25 05:44 • (LCSD) R4286255-2 10/11/25 06:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0585	0.0573	117	115	19.0-160			2.07	27
Benzene	0.0100	0.00965	0.00936	96.5	93.6	70.0-123			3.05	20
Bromodichloromethane	0.0100	0.00929	0.00948	92.9	94.8	75.0-120			2.02	20
Bromoform	0.0100	0.00953	0.00911	95.3	91.1	68.0-132			4.51	20
Bromomethane	0.0100	0.00654	0.00736	65.4	73.6	10.0-160			11.8	25
n-Butylbenzene	0.0100	0.00965	0.00949	96.5	94.9	73.0-125			1.67	20
sec-Butylbenzene	0.0100	0.00975	0.00950	97.5	95.0	75.0-125			2.60	20
Carbon disulfide	0.0100	0.00948	0.00921	94.8	92.1	61.0-128			2.89	20
Carbon tetrachloride	0.0100	0.0100	0.0101	100	101	68.0-126			0.995	20
Chlorobenzene	0.0100	0.00947	0.00938	94.7	93.8	80.0-121			0.955	20
Chlorodibromomethane	0.0100	0.00968	0.00956	96.8	95.6	77.0-125			1.25	20
Chloroethane	0.0100	0.0120	0.00998	120	99.8	47.0-150			18.4	20
Chloroform	0.0100	0.00929	0.00922	92.9	92.2	73.0-120			0.756	20
Chloromethane	0.0100	0.00909	0.00882	90.9	88.2	41.0-142			3.02	20
1,2-Dibromoethane	0.0100	0.00991	0.00989	99.1	98.9	80.0-122			0.202	20
1,1-Dichloroethane	0.0100	0.00964	0.00958	96.4	95.8	70.0-126			0.624	20
1,2-Dichloroethane	0.0100	0.0104	0.00972	104	97.2	70.0-128			6.76	20
1,1-Dichloroethene	0.0100	0.00991	0.00985	99.1	98.5	71.0-124			0.607	20
cis-1,2-Dichloroethene	0.0100	0.00927	0.00949	92.7	94.9	73.0-120			2.35	20
trans-1,2-Dichloroethene	0.0100	0.00980	0.00948	98.0	94.8	73.0-120			3.32	20
1,2-Dichloropropane	0.0100	0.0101	0.00977	101	97.7	77.0-125			3.32	20
cis-1,3-Dichloropropene	0.0100	0.00954	0.00947	95.4	94.7	80.0-123			0.736	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4286255-1 10/11/25 05:44 • (LCSD) R4286255-2 10/11/25 06:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.0100	0.00971	0.00966	97.1	96.6	78.0-124			0.516	20
Ethylbenzene	0.0100	0.00952	0.00934	95.2	93.4	79.0-123			1.91	20
Isopropylbenzene	0.0100	0.00988	0.00983	98.8	98.3	76.0-127			0.507	20
p-Isopropyltoluene	0.0100	0.0104	0.00999	104	99.9	76.0-125			4.02	20
2-Butanone (MEK)	0.0500	0.0557	0.0566	111	113	44.0-160			1.60	20
2-Hexanone	0.0500	0.0589	0.0566	118	113	67.0-149			3.98	20
Methylene Chloride	0.0100	0.00924	0.00899	92.4	89.9	67.0-120			2.74	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.0547	0.0531	109	106	68.0-142			2.97	20
Methyl tert-butyl ether	0.0100	0.00957	0.00947	95.7	94.7	68.0-125			1.05	20
Naphthalene	0.0100	0.0110	0.0106	110	106	54.0-135			3.70	20
n-Propylbenzene	0.0100	0.00959	0.00948	95.9	94.8	77.0-124			1.15	20
Styrene	0.0100	0.00960	0.00966	96.0	96.6	73.0-130			0.623	20
tert-Butyl alcohol	0.0500	0.0478	0.0539	95.6	108	27.0-160			12.0	30
1,1,1,2-Tetrachloroethane	0.0100	0.00939	0.00901	93.9	90.1	75.0-125			4.13	20
1,1,2,2-Tetrachloroethane	0.0100	0.0104	0.0104	104	104	65.0-130			0.000	20
Tetrachloroethene	0.0100	0.00985	0.00955	98.5	95.5	72.0-132			3.09	20
Toluene	0.0100	0.00960	0.00942	96.0	94.2	79.0-120			1.89	20
1,1,1-Trichloroethane	0.0100	0.00988	0.00992	98.8	99.2	73.0-124			0.404	20
1,1,2-Trichloroethane	0.0100	0.0102	0.0102	102	102	80.0-120			0.000	20
Trichloroethene	0.0100	0.00983	0.00980	98.3	98.0	78.0-124			0.306	20
1,2,4-Trimethylbenzene	0.0100	0.00976	0.00953	97.6	95.3	76.0-121			2.38	20
1,3,5-Trimethylbenzene	0.0100	0.00988	0.00945	98.8	94.5	76.0-122			4.45	20
Vinyl chloride	0.0100	0.0101	0.00994	101	99.4	67.0-131			1.60	20
o-Xylene	0.0100	0.00970	0.00944	97.0	94.4	80.0-122			2.72	20
m&p-Xylene	0.0200	0.0197	0.0189	98.5	94.5	80.0-122			4.15	20
Xylenes, Total	0.0300	0.0294	0.0283	98.0	94.3	79.0-123			3.81	20
(S) Toluene-d8				*98.7*	*99.3*	*80.0-120*				
(S) 4-Bromofluorobenzene				*100*	*99.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*104*	*103*	*70.0-130*				

Method Blank (MB)

(MB) R4286360-4 10/11/25 11:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Benzene	U		0.000320	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
Carbon disulfide	U		0.000510	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
Ethylbenzene	U		0.000234	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
2-Hexanone	U		0.00580	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
tert-Butyl alcohol	U		0.00496	0.0200
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,1,1-Trichloroethane	U		0.000336	0.00100

Method Blank (MB)

(MB) R4286360-4 10/11/25 11:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
o-Xylene	U		0.000319	0.00100
m&p-Xylene	U		0.000549	0.00200
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.0*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4286360-1 10/11/25 10:05 • (LCSD) R4286360-2 10/11/25 10:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0682	0.0641	136	128	19.0-160			6.20	27
Benzene	0.0100	0.0103	0.0101	103	101	70.0-123			1.96	20
Bromodichloromethane	0.0100	0.0102	0.0101	102	101	75.0-120			0.985	20
Bromoform	0.0100	0.0100	0.0101	100	101	68.0-132			0.995	20
Bromomethane	0.0100	0.00842	0.00825	84.2	82.5	10.0-160			2.04	25
n-Butylbenzene	0.0100	0.0115	0.0117	115	117	73.0-125			1.72	20
sec-Butylbenzene	0.0100	0.0112	0.0114	112	114	75.0-125			1.77	20
Carbon disulfide	0.0100	0.0109	0.0103	109	103	61.0-128			5.66	20
Carbon tetrachloride	0.0100	0.00863	0.00881	86.3	88.1	68.0-126			2.06	20
Chlorobenzene	0.0100	0.0108	0.0109	108	109	80.0-121			0.922	20
Chlorodibromomethane	0.0100	0.0105	0.0106	105	106	77.0-125			0.948	20
Chloroethane	0.0100	0.0145	0.0129	145	129	47.0-150			11.7	20
Chloroform	0.0100	0.0102	0.00995	102	99.5	73.0-120			2.48	20
Chloromethane	0.0100	0.0107	0.00949	107	94.9	41.0-142			12.0	20
1,2-Dibromoethane	0.0100	0.0107	0.0108	107	108	80.0-122			0.930	20
1,1-Dichloroethane	0.0100	0.0106	0.0104	106	104	70.0-126			1.90	20
1,2-Dichloroethane	0.0100	0.0103	0.0102	103	102	70.0-128			0.976	20
1,1-Dichloroethene	0.0100	0.0106	0.0102	106	102	71.0-124			3.85	20
cis-1,2-Dichloroethene	0.0100	0.0104	0.00987	104	98.7	73.0-120			5.23	20
trans-1,2-Dichloroethene	0.0100	0.0104	0.0102	104	102	73.0-120			1.94	20
1,2-Dichloropropane	0.0100	0.0105	0.0103	105	103	77.0-125			1.92	20
cis-1,3-Dichloropropene	0.0100	0.0104	0.0104	104	104	80.0-123			0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4286360-1 10/11/25 10:05 • (LCSD) R4286360-2 10/11/25 10:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.0100	0.0109	0.0110	109	110	78.0-124			0.913	20
Ethylbenzene	0.0100	0.0105	0.0107	105	107	79.0-123			1.89	20
Isopropylbenzene	0.0100	0.0105	0.0106	105	106	76.0-127			0.948	20
p-Isopropyltoluene	0.0100	0.0112	0.0111	112	111	76.0-125			0.897	20
2-Butanone (MEK)	0.0500	0.0620	0.0609	124	122	44.0-160			1.79	20
2-Hexanone	0.0500	0.0575	0.0584	115	117	67.0-149			1.55	20
Methylene Chloride	0.0100	0.00997	0.00989	99.7	98.9	67.0-120			0.806	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.0637	0.0648	127	130	68.0-142			1.71	20
Methyl tert-butyl ether	0.0100	0.0104	0.0101	104	101	68.0-125			2.93	20
Naphthalene	0.0100	0.00906	0.00969	90.6	96.9	54.0-135			6.72	20
n-Propylbenzene	0.0100	0.0113	0.0113	113	113	77.0-124			0.000	20
Styrene	0.0100	0.0103	0.0104	103	104	73.0-130			0.966	20
tert-Butyl alcohol	0.0500	0.0508	0.0510	102	102	27.0-160			0.393	30
1,1,1,2-Tetrachloroethane	0.0100	0.0103	0.0101	103	101	75.0-125			1.96	20
1,1,2,2-Tetrachloroethane	0.0100	0.0117	0.0123	117	123	65.0-130			5.00	20
Tetrachloroethene	0.0100	0.0101	0.0101	101	101	72.0-132			0.000	20
Toluene	0.0100	0.0108	0.0109	108	109	79.0-120			0.922	20
1,1,1-Trichloroethane	0.0100	0.00999	0.00978	99.9	97.8	73.0-124			2.12	20
1,1,2-Trichloroethane	0.0100	0.0110	0.0109	110	109	80.0-120			0.913	20
Trichloroethene	0.0100	0.0102	0.00973	102	97.3	78.0-124			4.72	20
1,2,4-Trimethylbenzene	0.0100	0.0107	0.0112	107	112	76.0-121			4.57	20
1,3,5-Trimethylbenzene	0.0100	0.0109	0.0111	109	111	76.0-122			1.82	20
Vinyl chloride	0.0100	0.0101	0.00963	101	96.3	67.0-131			4.76	20
o-Xylene	0.0100	0.0103	0.0105	103	105	80.0-122			1.92	20
m&p-Xylene	0.0200	0.0218	0.0222	109	111	80.0-122			1.82	20
Xylenes, Total	0.0300	0.0321	0.0327	107	109	79.0-123			1.85	20
(S) Toluene-d8				*106*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.6*	*93.5*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*106*	*101*	*70.0-130*				

Method Blank (MB)

(MB) R4288225-3 10/14/25 07:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Benzene	U		0.000320	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
Carbon disulfide	U		0.000510	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
Ethylbenzene	U		0.000234	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
2-Hexanone	U		0.00580	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
tert-Butyl alcohol	U		0.00496	0.0200
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,1,1-Trichloroethane	U		0.000336	0.00100

Method Blank (MB)

(MB) R4288225-3 10/14/25 07:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
o-Xylene	U		0.000319	0.00100
m&p-Xylene	U		0.000549	0.00200
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4288225-1 10/14/25 06:33 • (LCSD) R4288225-2 10/14/25 06:53

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0408	0.0441	81.6	88.2	19.0-160	J	J	7.77	27
Benzene	0.0100	0.00870	0.00914	87.0	91.4	70.0-123			4.93	20
Bromodichloromethane	0.0100	0.00845	0.00867	84.5	86.7	75.0-120			2.57	20
Bromoform	0.0100	0.00768	0.00809	76.8	80.9	68.0-132			5.20	20
Bromomethane	0.0100	0.00952	0.0107	95.2	107	10.0-160			11.7	25
n-Butylbenzene	0.0100	0.00990	0.0105	99.0	105	73.0-125			5.88	20
sec-Butylbenzene	0.0100	0.00981	0.0106	98.1	106	75.0-125			7.74	20
Carbon disulfide	0.0100	0.00862	0.00906	86.2	90.6	61.0-128			4.98	20
Carbon tetrachloride	0.0100	0.00836	0.00884	83.6	88.4	68.0-126			5.58	20
Chlorobenzene	0.0100	0.00940	0.00977	94.0	97.7	80.0-121			3.86	20
Chlorodibromomethane	0.0100	0.00850	0.00867	85.0	86.7	77.0-125			1.98	20
Chloroethane	0.0100	0.00975	0.0100	97.5	100	47.0-150			2.53	20
Chloroform	0.0100	0.00886	0.00920	88.6	92.0	73.0-120			3.77	20
Chloromethane	0.0100	0.0106	0.0115	106	115	41.0-142			8.14	20
1,2-Dibromoethane	0.0100	0.00906	0.00941	90.6	94.1	80.0-122			3.79	20
1,1-Dichloroethane	0.0100	0.00914	0.00947	91.4	94.7	70.0-126			3.55	20
1,2-Dichloroethane	0.0100	0.00950	0.00961	95.0	96.1	70.0-128			1.15	20
1,1-Dichloroethene	0.0100	0.00829	0.00896	82.9	89.6	71.0-124			7.77	20
cis-1,2-Dichloroethene	0.0100	0.00850	0.00870	85.0	87.0	73.0-120			2.33	20
trans-1,2-Dichloroethene	0.0100	0.00861	0.00907	86.1	90.7	73.0-120			5.20	20
1,2-Dichloropropane	0.0100	0.00920	0.00940	92.0	94.0	77.0-125			2.15	20
cis-1,3-Dichloropropene	0.0100	0.00851	0.00886	85.1	88.6	80.0-123			4.03	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4288225-1 10/14/25 06:33 • (LCSD) R4288225-2 10/14/25 06:53

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.0100	0.00966	0.00991	96.6	99.1	78.0-124			2.55	20
Ethylbenzene	0.0100	0.00909	0.00960	90.9	96.0	79.0-123			5.46	20
Isopropylbenzene	0.0100	0.00930	0.00979	93.0	97.9	76.0-127			5.13	20
p-Isopropyltoluene	0.0100	0.00987	0.0106	98.7	106	76.0-125			7.13	20
2-Butanone (MEK)	0.0500	0.0463	0.0481	92.6	96.2	44.0-160			3.81	20
2-Hexanone	0.0500	0.0503	0.0519	101	104	67.0-149			3.13	20
Methylene Chloride	0.0100	0.00903	0.00923	90.3	92.3	67.0-120			2.19	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.0551	0.0562	110	112	68.0-142			1.98	20
Methyl tert-butyl ether	0.0100	0.00886	0.00908	88.6	90.8	68.0-125			2.45	20
Naphthalene	0.0100	0.00865	0.00934	86.5	93.4	54.0-135			7.67	20
n-Propylbenzene	0.0100	0.0103	0.0109	103	109	77.0-124			5.66	20
Styrene	0.0100	0.00902	0.00939	90.2	93.9	73.0-130			4.02	20
tert-Butyl alcohol	0.0500	0.0446	0.0449	89.2	89.8	27.0-160			0.670	30
1,1,1,2-Tetrachloroethane	0.0100	0.00919	0.00948	91.9	94.8	75.0-125			3.11	20
1,1,2,2-Tetrachloroethane	0.0100	0.0102	0.0106	102	106	65.0-130			3.85	20
Tetrachloroethene	0.0100	0.00881	0.00929	88.1	92.9	72.0-132			5.30	20
Toluene	0.0100	0.00967	0.0100	96.7	100	79.0-120			3.36	20
1,1,1-Trichloroethane	0.0100	0.00891	0.00923	89.1	92.3	73.0-124			3.53	20
1,1,2-Trichloroethane	0.0100	0.00965	0.00962	96.5	96.2	80.0-120			0.311	20
Trichloroethene	0.0100	0.00857	0.00906	85.7	90.6	78.0-124			5.56	20
1,2,4-Trimethylbenzene	0.0100	0.0101	0.0107	101	107	76.0-121			5.77	20
1,3,5-Trimethylbenzene	0.0100	0.0101	0.0108	101	108	76.0-122			6.70	20
Vinyl chloride	0.0100	0.0108	0.0114	108	114	67.0-131			5.41	20
o-Xylene	0.0100	0.00919	0.00947	91.9	94.7	80.0-122			3.00	20
m&p-Xylene	0.0200	0.0185	0.0194	92.5	97.0	80.0-122			4.75	20
Xylenes, Total	0.0300	0.0277	0.0289	92.3	96.3	79.0-123			4.24	20
(S) Toluene-d8				*105*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*94.1*	*93.0*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*107*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R4287836-3 10/15/25 10:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000320	0.00100
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4287836-1 10/15/25 09:23

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0100	0.0106	106	70.0-123	
(S) Toluene-d8			*103*	*80.0-120*	
(S) 4-Bromofluorobenzene			*99.6*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*100*	*70.0-130*	

Method Blank (MB)

(MB) R4287940-3 10/15/25 14:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Benzene	U		0.000320	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
Carbon disulfide	U		0.000510	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
Ethylbenzene	U		0.000234	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
2-Hexanone	U		0.00580	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
tert-Butyl alcohol	U		0.00496	0.0200
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,1,1-Trichloroethane	U		0.000336	0.00100

Method Blank (MB)

(MB) R4287940-3 10/15/25 14:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
o-Xylene	U		0.000319	0.00100
m&p-Xylene	U		0.000549	0.00200
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4287940-1 10/15/25 13:41 • (LCSD) R4287940-2 10/15/25 14:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0283	0.0315	56.6	63.0	19.0-160	J	J	10.7	27
Benzene	0.0100	0.00830	0.00854	83.0	85.4	70.0-123			2.85	20
Bromodichloromethane	0.0100	0.00868	0.00888	86.8	88.8	75.0-120			2.28	20
Bromoform	0.0100	0.00861	0.00816	86.1	81.6	68.0-132			5.37	20
Bromomethane	0.0100	0.00758	0.00828	75.8	82.8	10.0-160			8.83	25
n-Butylbenzene	0.0100	0.00886	0.00855	88.6	85.5	73.0-125			3.56	20
sec-Butylbenzene	0.0100	0.00964	0.00960	96.4	96.0	75.0-125			0.416	20
Carbon disulfide	0.0100	0.00832	0.00876	83.2	87.6	61.0-128			5.15	20
Carbon tetrachloride	0.0100	0.00897	0.00916	89.7	91.6	68.0-126			2.10	20
Chlorobenzene	0.0100	0.00904	0.00882	90.4	88.2	80.0-121			2.46	20
Chlorodibromomethane	0.0100	0.00898	0.00876	89.8	87.6	77.0-125			2.48	20
Chloroethane	0.0100	0.00885	0.00958	88.5	95.8	47.0-150			7.92	20
Chloroform	0.0100	0.00903	0.00892	90.3	89.2	73.0-120			1.23	20
Chloromethane	0.0100	0.00909	0.0103	90.9	103	41.0-142			12.5	20
1,2-Dibromoethane	0.0100	0.00874	0.00856	87.4	85.6	80.0-122			2.08	20
1,1-Dichloroethane	0.0100	0.00950	0.00945	95.0	94.5	70.0-126			0.528	20
1,2-Dichloroethane	0.0100	0.00948	0.00937	94.8	93.7	70.0-128			1.17	20
1,1-Dichloroethene	0.0100	0.00827	0.00864	82.7	86.4	71.0-124			4.38	20
cis-1,2-Dichloroethene	0.0100	0.00899	0.00883	89.9	88.3	73.0-120			1.80	20
trans-1,2-Dichloroethene	0.0100	0.00922	0.00902	92.2	90.2	73.0-120			2.19	20
1,2-Dichloropropane	0.0100	0.00896	0.00898	89.6	89.8	77.0-125			0.223	20
cis-1,3-Dichloropropene	0.0100	0.00813	0.00835	81.3	83.5	80.0-123			2.67	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4287940-1 10/15/25 13:41 • (LCSD) R4287940-2 10/15/25 14:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.0100	0.00877	0.00856	87.7	85.6	78.0-124			2.42	20
Ethylbenzene	0.0100	0.00909	0.00893	90.9	89.3	79.0-123			1.78	20
Isopropylbenzene	0.0100	0.00966	0.00946	96.6	94.6	76.0-127			2.09	20
p-Isopropyltoluene	0.0100	0.00957	0.00943	95.7	94.3	76.0-125			1.47	20
2-Butanone (MEK)	0.0500	0.0475	0.0514	95.0	103	44.0-160			7.89	20
2-Hexanone	0.0500	0.0533	0.0523	107	105	67.0-149			1.89	20
Methylene Chloride	0.0100	0.00841	0.00881	84.1	88.1	67.0-120			4.65	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.0563	0.0551	113	110	68.0-142			2.15	20
Methyl tert-butyl ether	0.0100	0.00896	0.00914	89.6	91.4	68.0-125			1.99	20
Naphthalene	0.0100	0.00831	0.00867	83.1	86.7	54.0-135			4.24	20
n-Propylbenzene	0.0100	0.00921	0.00929	92.1	92.9	77.0-124			0.865	20
Styrene	0.0100	0.00883	0.00881	88.3	88.1	73.0-130			0.227	20
tert-Butyl alcohol	0.0500	0.0344	0.0334	68.8	66.8	27.0-160			2.95	30
1,1,1,2-Tetrachloroethane	0.0100	0.00907	0.00896	90.7	89.6	75.0-125			1.22	20
1,1,2,2-Tetrachloroethane	0.0100	0.00863	0.00875	86.3	87.5	65.0-130			1.38	20
Tetrachloroethene	0.0100	0.00973	0.00938	97.3	93.8	72.0-132			3.66	20
Toluene	0.0100	0.00916	0.00897	91.6	89.7	79.0-120			2.10	20
1,1,1-Trichloroethane	0.0100	0.0102	0.0104	102	104	73.0-124			1.94	20
1,1,2-Trichloroethane	0.0100	0.00881	0.00859	88.1	85.9	80.0-120			2.53	20
Trichloroethene	0.0100	0.00915	0.00902	91.5	90.2	78.0-124			1.43	20
1,2,4-Trimethylbenzene	0.0100	0.00947	0.00922	94.7	92.2	76.0-121			2.68	20
1,3,5-Trimethylbenzene	0.0100	0.00960	0.00966	96.0	96.6	76.0-122			0.623	20
Vinyl chloride	0.0100	0.00889	0.00953	88.9	95.3	67.0-131			6.95	20
o-Xylene	0.0100	0.00908	0.00890	90.8	89.0	80.0-122			2.00	20
m&p-Xylene	0.0200	0.0187	0.0186	93.5	93.0	80.0-122			0.536	20
Xylenes, Total	0.0300	0.0278	0.0275	92.7	91.7	79.0-123			1.08	20
(S) Toluene-d8				*101*	*99.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.9*	*95.2*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*107*	*108*	*70.0-130*				

Method Blank (MB)

(MB) R4286979-1 10/14/25 14:05

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ethylene Dibromide	U		0.00000550	0.0000200

L1906337-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1906337-20 10/14/25 23:51 • (DUP) R4286979-5 10/14/25 23:41

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ethylene Dibromide	U	U	1.05	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4286979-3 10/14/25 16:24 • (LCSD) R4286979-4 10/14/25 18:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.000250	0.000209	0.000211	83.6	84.4	60.0-140			0.952	20

L1906402-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1906402-04 10/14/25 14:25 • (MS) R4286979-2 10/14/25 14:15

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.000102	U	0.000105	103	1.02	64.0-159	

Method Blank (MB)

(MB) R4287662-1 10/15/25 00:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*86.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4287662-2 10/15/25 01:21 • (LCSD) R4287662-3 10/15/25 01:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.54	1.50	103	100	50.0-150			2.63	20
(S) o-Terphenyl				*100*	*100*	*52.0-156*				

Method Blank (MB)

(MB) R4287529-1 10/15/25 03:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*55.5*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4287529-2 10/15/25 04:00 • (LCSD) R4287529-3 10/15/25 04:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.43	1.45	95.3	96.7	50.0-150			1.39	20
(S) o-Terphenyl				*105*	*100*	*52.0-156*				

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Semi-Volatile Organic Compounds (GC) by Method 8015D

L1906275-47,48,49,50,51,52,53

Method Blank (MB)

(MB) R4287184-1 10/15/25 03:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*94.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4287184-2 10/15/25 04:07 • (LCSD) R4287184-3 10/15/25 04:28

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.50	1.33	1.60	88.7	107	50.0-150			18.4	20
(S) o-Terphenyl				*107*	*106*	*52.0-156*				

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Method Blank (MB)

(MB) R4289575-3 10/18/25 01:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.000246	0.00100
Acenaphthylene	U		0.000265	0.00100
Acetophenone	U		0.00205	0.0100
Anthracene	U		0.000196	0.00100
Atrazine	U		0.00244	0.0100
Benzo(a)anthracene	U		0.000234	0.00100
Benzaldehyde	U		0.00866	0.0100
Benzo(b)fluoranthene	U		0.000280	0.00100
Benzo(k)fluoranthene	U		0.000247	0.00100
Benzo(g,h,i)perylene	U		0.000254	0.00100
Benzo(a)pyrene	U		0.000128	0.000200
Biphenyl	U		0.00274	0.0100
Bis(2-chlorethoxy)methane	U		0.00188	0.0100
Bis(2-chloroethyl)ether	U		0.00205	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.00191	0.0100
4-Bromophenyl-phenylether	U		0.00267	0.0100
2-Chloronaphthalene	U		0.000259	0.00100
4-Chlorophenyl-phenylether	U		0.00222	0.0100
Caprolactam	U		0.000736	0.0100
Carbazole	U		0.00211	0.0100
Chrysene	U		0.000279	0.00100
Dibenz(a,h)anthracene	U		0.000148	0.000200
Dibenzofuran	U		0.00251	0.0100
3,3-Dichlorobenzidine	U		0.00758	0.0100
2,4-Dinitrotoluene	U		0.00187	0.0100
2,6-Dinitrotoluene	U		0.00186	0.0100
Fluoranthene	U		0.000229	0.00100
Fluorene	U		0.000277	0.00100
Hexachlorobenzene	U		0.000259	0.00100
Hexachloro-1,3-butadiene	U		0.00227	0.0100
Hexachlorocyclopentadiene	U		0.00281	0.0100
Hexachloroethane	U		0.00215	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000285	0.00100
Isophorone	U		0.00172	0.0100
1-Methylnaphthalene	U		0.000245	0.00100
2-Methylnaphthalene	U		0.000276	0.00100
Naphthalene	U		0.000678	0.00100
Nitrobenzene	U		0.00197	0.0100
n-Nitrosodiphenylamine	U		0.00202	0.0100
n-Nitrosodi-n-propylamine	U		0.00202	0.0100

Method Blank (MB)

(MB) R4289575-3 10/18/25 01:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Phenanthrene	U		0.000219	0.00100
Benzylbutyl phthalate	U		0.00113	0.00300
Bis(2-ethylhexyl)phthalate	U		0.00165	0.00300
Di-n-butyl phthalate	U		0.000794	0.00300
Diethyl phthalate	U		0.000861	0.00300
Dimethyl phthalate	U		0.000772	0.00300
Di-n-octyl phthalate	U		0.00133	0.00300
Pyrene	U		0.000259	0.00100
1,2,4-Trichlorobenzene	U		0.00230	0.0100
4-Chloro-3-methylphenol	U		0.00228	0.0100
2-Chlorophenol	U		0.00211	0.0100
2,4-Dichlorophenol	U		0.00241	0.0100
2,4-Dimethylphenol	U		0.00433	0.0100
4,6-Dinitro-2-methylphenol	U		0.00349	0.0100
2,4-Dinitrophenol	U		0.00571	0.0100
2-Nitrophenol	U		0.00260	0.0100
2-Nitroaniline	U		0.00236	0.0100
2-Methylphenol	U		0.00170	0.0100
3&4-Methyl Phenol	U		0.00154	0.0100
3-Nitroaniline	U		0.00120	0.0100
4-Chloroaniline	U		0.00506	0.0100
4-Nitroaniline	U		0.00211	0.0100
4-Nitrophenol	U		0.00755	0.0100
Pentachlorophenol	U		0.000708	0.0100
Phenol	U		0.000757	0.0100
2,4,5-Trichlorophenol	U		0.00270	0.0100
2,4,6-Trichlorophenol	U		0.00238	0.0100
(S) 2-Fluorophenol	*22.8*			*10.0-120*
(S) Phenol-d5	*16.9*			*10.0-120*
(S) Nitrobenzene-d5	*46.0*			*10.0-127*
(S) 2-Fluorobiphenyl	*42.7*			*10.0-130*
(S) 2,4,6-Tribromophenol	*48.4*			*10.0-155*
(S) p-Terphenyl-d14	*72.6*			*10.0-128*

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Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4289575-1 10/18/25 00:17 • (LCSD) R4289575-2 10/18/25 00:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0500	0.0319	0.0221	63.8	44.2	41.0-120		J3	36.3	22
Acenaphthylene	0.0500	0.0335	0.0234	67.0	46.8	43.0-120		J3	35.5	22
Acetophenone	0.0500	0.0337	0.0227	67.4	45.4	29.0-120		J3	39.0	28
Anthracene	0.0500	0.0333	0.0250	66.6	50.0	45.0-120		J3	28.5	20
Atrazine	0.0500	0.0386	0.0292	77.2	58.4	39.0-141		J3	27.7	20
Benzo(a)anthracene	0.0500	0.0327	0.0244	65.4	48.8	47.0-120		J3	29.1	20
Benzaldehyde	0.0500	0.0721	0.0488	144	97.6	10.0-160			38.5	40
Benzo(b)fluoranthene	0.0500	0.0331	0.0241	66.2	48.2	46.0-120		J3	31.5	20
Benzo(k)fluoranthene	0.0500	0.0333	0.0247	66.6	49.4	46.0-120		J3	29.7	21
Benzo(g,h,i)perylene	0.0500	0.0324	0.0234	64.8	46.8	48.0-121		J3 J4	32.3	20
Benzo(a)pyrene	0.0500	0.0315	0.0232	63.0	46.4	47.0-120		J3 J4	30.3	20
Biphenyl	0.0500	0.0343	0.0243	68.6	48.6	38.0-120		J3	34.1	27
Bis(2-chlorethoxy)methane	0.0500	0.0303	0.0215	60.6	43.0	33.0-120		J3	34.0	24
Bis(2-chloroethyl)ether	0.0500	0.0283	0.0199	56.6	39.8	23.0-120		J3	34.9	33
2,2-Oxybis(1-Chloropropane)	0.0500	0.0296	0.0195	59.2	39.0	28.0-120		J3	41.1	31
4-Bromophenyl-phenylether	0.0500	0.0334	0.0235	66.8	47.0	45.0-120		J3	34.8	20
2-Chloronaphthalene	0.0500	0.0330	0.0235	66.0	47.0	37.0-120		J3	33.6	25
4-Chlorophenyl-phenylether	0.0500	0.0327	0.0229	65.4	45.8	44.0-120		J3	35.3	20
Caprolactam	0.0500	0.00989	0.00769	19.8	15.4	10.0-120	J	J	25.0	26
Carbazole	0.0500	0.0361	0.0268	72.2	53.6	51.0-122		J3	29.6	20
Chrysene	0.0500	0.0346	0.0261	69.2	52.2	48.0-120		J3	28.0	20
Dibenz(a,h)anthracene	0.0500	0.0331	0.0241	66.2	48.2	47.0-120		J3	31.5	20
Dibenzofuran	0.0500	0.0345	0.0238	69.0	47.6	44.0-120		J3	36.7	22
3,3-Dichlorobenzidine	0.100	0.0749	0.0580	74.9	58.0	44.0-120		J3	25.4	20
2,4-Dinitrotoluene	0.0500	0.0320	0.0233	64.0	46.6	49.0-124		J3 J4	31.5	20
2,6-Dinitrotoluene	0.0500	0.0325	0.0231	65.0	46.2	46.0-120		J3	33.8	21
Fluoranthene	0.0500	0.0359	0.0266	71.8	53.2	51.0-120		J3	29.8	20
Fluorene	0.0500	0.0336	0.0233	67.2	46.6	47.0-120		J3 J4	36.2	20
Hexachlorobenzene	0.0500	0.0310	0.0213	62.0	42.6	44.0-120		J3 J4	37.1	20
Hexachloro-1,3-butadiene	0.0500	0.0283	0.0203	56.6	40.6	19.0-120		J3	32.9	32
Hexachlorocyclopentadiene	0.0500	0.0200	0.0146	40.0	29.2	15.0-120		J3	31.2	31
Hexachloroethane	0.0500	0.0266	0.0181	53.2	36.2	15.0-120		J3	38.0	37
Indeno(1,2,3-cd)pyrene	0.0500	0.0290	0.0205	58.0	41.0	49.0-122		J3 J4	34.3	20
Isophorone	0.0500	0.0314	0.0227	62.8	45.4	36.0-120		J3	32.2	23
1-Methylnaphthalene	0.0500	0.0297	0.0206	59.4	41.2	33.0-120		J3	36.2	24
2-Methylnaphthalene	0.0500	0.0283	0.0199	56.6	39.8	33.0-120		J3	34.9	25
Naphthalene	0.0500	0.0274	0.0197	54.8	39.4	27.0-120		J3	32.7	27
Nitrobenzene	0.0500	0.0314	0.0226	62.8	45.2	27.0-120		J3	32.6	29
n-Nitrosodiphenylamine	0.0500	0.0321	0.0231	64.2	46.2	47.0-120		J3 J4	32.6	20
n-Nitrosodi-n-propylamine	0.0500	0.0350	0.0232	70.0	46.4	31.0-120		J3	40.5	28

Released to Imaging: 6/26/2026 3:07:01 PM

Received by OCD: 6/15/2026 7:23:14 PM

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4289575-1 10/18/25 00:17 • (LCSD) R4289575-2 10/18/25 00:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Phenanthrene	0.0500	0.0334	0.0239	66.8	47.8	46.0-120		J3	33.2	20
Benzylbutyl phthalate	0.0500	0.0373	0.0288	74.6	57.6	43.0-121		J3	25.7	20
Bis(2-ethylhexyl)phthalate	0.0500	0.0365	0.0263	73.0	52.6	43.0-122		J3	32.5	20
Di-n-butyl phthalate	0.0500	0.0374	0.0280	74.8	56.0	49.0-121		J3	28.7	20
Diethyl phthalate	0.0500	0.0357	0.0268	71.4	53.6	48.0-122		J3	28.5	20
Dimethyl phthalate	0.0500	0.0343	0.0248	68.6	49.6	48.0-120		J3	32.1	20
Di-n-octyl phthalate	0.0500	0.0398	0.0278	79.6	55.6	42.0-125		J3	35.5	20
Pyrene	0.0500	0.0348	0.0266	69.6	53.2	47.0-120		J3	26.7	20
1,2,4-Trichlorobenzene	0.0500	0.0296	0.0209	59.2	41.8	24.0-120		J3	34.5	29
4-Chloro-3-methylphenol	0.0500	0.0314	0.0229	62.8	45.8	40.0-120		J3	31.3	21
2-Chlorophenol	0.0500	0.0266	0.0178	53.2	35.6	25.0-120		J3	39.6	35
2,4-Dichlorophenol	0.0500	0.0324	0.0236	64.8	47.2	36.0-120		J3	31.4	26
2,4-Dimethylphenol	0.0500	0.0199	0.0205	39.8	41.0	33.0-120			2.97	26
4,6-Dinitro-2-methylphenol	0.0500	0.0364	0.0268	72.8	53.6	38.0-138		J3	30.4	25
2,4-Dinitrophenol	0.0500	0.0355	0.0280	71.0	56.0	10.0-120			23.6	39
2-Nitrophenol	0.0500	0.0312	0.0220	62.4	44.0	31.0-120		J3	34.6	29
2-Nitroaniline	0.0500	0.0323	0.0237	64.6	47.4	43.0-120		J3	30.7	22
2-Methylphenol	0.0500	0.0209	0.0149	41.8	29.8	28.0-120		J3	33.5	29
3&4-Methyl Phenol	0.0500	0.0228	0.0165	45.6	33.0	31.0-120		J3	32.1	30
3-Nitroaniline	0.0500	0.0269	0.0189	53.8	37.8	38.0-120		J3 J4	34.9	21
4-Chloroaniline	0.0500	0.0259	0.0177	51.8	35.4	25.0-120		J3	37.6	25
4-Nitroaniline	0.0500	0.0321	0.0244	64.2	48.8	18.0-160		J3	27.3	21
4-Nitrophenol	0.0500	0.0117	0.00796	23.4	15.9	10.0-120		J J3	38.0	33
Pentachlorophenol	0.0500	0.0285	0.0207	57.0	41.4	23.0-120		J3	31.7	25
Phenol	0.0500	0.0126	0.00888	25.2	17.8	10.0-120		J	34.6	36
2,4,5-Trichlorophenol	0.0500	0.0373	0.0259	74.6	51.8	44.0-120		J3	36.1	22
2,4,6-Trichlorophenol	0.0500	0.0399	0.0284	79.8	56.8	42.0-120		J3	33.7	23
(S) 2-Fluorophenol				*36.0*	*24.2*	*10.0-120*				
(S) Phenol-d5				*24.2*	*16.7*	*10.0-120*				
(S) Nitrobenzene-d5				*71.1*	*50.5*	*10.0-127*				
(S) 2-Fluorobiphenyl				*73.9*	*50.9*	*10.0-130*				
(S) 2,4,6-Tribromophenol				*80.0*	*56.5*	*10.0-155*				
(S) p-Terphenyl-d14				*72.8*	*55.6*	*10.0-128*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Qualifier	Description
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

SHIPMENT 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170

Client Project #: 646047.0000.0000

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #: 229939

Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Remarks	Sample # (lab only)
MW-85	Grab	GW				10	x	x	x	x	x	x			
~~MW-86~~	~~Grab~~	~~GW~~				~~10~~	~~x~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~	not sampled; unused	
MW-120	Grab	GW				10	x	x	x	x	x	x			
MW-121	Grab	GW				7		x	x	x	x	x			
MW-84	Grab	GW				7		x	x	x	x	x			
MW-122	Grab	GW				7		x	x	x	x	x			
MW-79	Grab	GW				7		x	x	x	x	x			
MW-74	Grab	GW				7		x	x	x	x	x			
MW-2A	Grab	GW				7		x	x	x	x	x			
OCD-6	Grab	GW				7		x	x	x	x	x			

* Matrix: SS - Soil, AIR - Air, F - Filter, GW - Groundwater, B - Bioassay, WW - Wastewater, DW - Drinking Water, OT - Other

Remarks:
Cations are being analyzed with Total Metals except where noted.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #
PH – 10BDH5131
TRC – 5090A93

Trip Blank Received: (Yes) No
(HCl) MeoH
TBR

Temp: °C Bottles Received: 3 4 3 1

Chain of Custody Page 1 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1906275

L# L1906250

C233

Acctnum: TRCATX
Template: T281603
Prelogin: P1181177
TSR: 526
PB: 9-30-25 CW

Shipped Via:

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	10/8/25	1615	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Doug Boute

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Date: 10/09/2025 Time: 0900

SHIPMENT 2

Chain of Custody Page 2 of 22

Pace Analytical® National Center for Testing & Innovation

L1706225

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

TRC Solutions - Austin TX
505 E Huntland Dr Ste 250
Austin TX 78752

Billing Information: Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Email To: jspeer@trccompanies.com

Julie Speer

City/State Collected: Artesia, NM

Artesia Fall 2025

Phone: 512-684-3170

Client Project #: 646047 0000 0000

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #: 229939

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Immediately Packed on Ice N ✓ Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI - 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Remarks	Sample # (lab only)
OCD-TAR	Grab	GW		10/8/25	855	7		x	x	x	x	x			01
~~[illegible]~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x		not sampled ; empty	
MW-130	Grab	GW		10/8/25	1325	10	x	x	x	x	x	x			02
~~[illegible]~~	~~Grab~~	~~GW~~				8	x	x		x	x	x		not sampled ; empty	
EB-EP-01 ✓	Grab	GW				7		x	x	x	x	x			
EB-EP-04 ✓	Grab	GW				7		x	x	x	x	x			
TRIP BLANK-EP-01 ✓	Grab	GW				1	x								

Matrix: SS - Soil, GW - Groundwater, WW - Wastewater, DW - Drinking Water, OT - Other

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	10/8/25	1615		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

SHIPMENT 2

Chain of Custody Page 1 of 22

Pace Analytical® National Center for Testing & Innovation

49062 75

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LR 68252

Table #

Acctnum: TRCATX

Template: T281606

Prelogin: P1181187

TSR: 526

PB:

Shipped Via:

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170 Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Remarks	Sample # (lab only)
MW-76	Grab	GW		10/8/25	1040	7		x	x	x	x	x			03
MW-75	Grab	GW		10/8/25	1130	7		x	x	x	x	x			24
MW-83	Grab	GW		10/8/25	1210	7		x	x	x	x	x			05
MW-3	Grab	GW		10/8/25	945	7		x	x	x	x	x			06
MW-88 ✓	Grab	GW				5		x	x	x				No Cations	
MW-22A ✓	Grab	GW				7		x	x	x	x	x			
MW-10 ✓	Grab	GW				7		x	x	x	x	x			
MW-123	Grab	GW		10/8/25	1030	7		x	x	x	x	x			07
MW-4A ✓	Grab	GW				7		x	x	x	x	x			
MW-5A ✓	Grab	GW				7		x	x	x	x	x			

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	10/8/25	1615		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/2025 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

SHIPMENT 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170

Client Project #: 646047.0000.0000

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #: 229939

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Remarks	Sample # (lab only)
MW-7A ✓	Grab	GW				10	x	x	x	x	x	x			
OCD-8A ✓	Grab	GW				7		x	x		x	x	x		
DUP-EP-01 ✓	Grab	GW				10	x	x	x	x	x	x			
DUP-EP-02 ✓	Grab	GW				7		x	x	x	x	x			
DUP-EP-03	Grab	GW		10/8/25	900	7		x	x	x	x	x			04
EB-EP-03 ✓	Grab	GW				7		x	x	x	x	x			
TRIP BLANK-EP-02 ✓	Grab	GW				1	x								

Chain of Custody Page 4 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1906751

Table #

Acctnum: TRCATX

Template: T281606

Prelogin: P1181187

TSR: 526

PB:

Shipped Via:

* Matrix
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via: __ UPS ✓ FedEx __ Courier __ ____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	10/8/25	1615		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/2025 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

SHIPMENT 2

Chain of Custody Page 5 of 22

Pace Analytical® National Center for Testing & Innovation

L406275

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L406275

Table #

Acctnum: TRCATX

Template: T281615

Prelogin: P1181199

TSR: 526

PB:

Shipped Via:

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Remarks	Sample # (lab only)
OCD-1R ✓	Grab	GW				7		x	x	x	x	x			
OCD-2A ✓	Grab	GW				5		x	x	x				No Cations	
OCD-3 ✓	Grab	GW				5		x	x	x				No Cations	
OCD-4 ✓	Grab	GW				5		x	x	x				No Cations	
MW-11A ✓	Grab	GW				3				x	x	x		Only Cats.	
OCD-5 ✓	Grab	GW				7		x	x	x	x	x			
MW-87 ✓	Grab	GW				5		x	x	x				No Cations	
MW-18A ✓	Grab	GW				5		x			x	x	x		
MW-70 ✓	Grab	GW				5		x	x	x				No Cations	
MW-124	Grab	GW		10/8/25	940	7		x	x	x	x	x			09

* Matrix
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - Wastewater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via:
__ UPS ✓ FedEx __ Courier ___

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)
	10/8/25	1615	
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received: 431

Date: 10/09/2025 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

SHIPMENT 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Immediately Packed on Ice N ___ Y ✓

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF 250mlHDPE-HNO3			Remarks	Sample # (lab only)
MW-52	Grab	GW		10/8/25	1320	10	x	x	x		x	x	x					10
MW-109	Grab	GW		10/8/25	1150	10	x	x	x	x	x	x						11
MW-110	Grab	GW		10/8/25	1230	10	x	x	x	x	x	x						12
MW-140	Grab	GW		10/8/25	840	4					x	x	x	x				13
MW-141	Grab	GW		10/8/25	800	4					x	x	x	x				14
EB-EP-02	Grab	GW		10/8/25	950	7		x	x	x	x	x						15
TRIP BLANK-EP-03 ✓	Grab	GW				1	x											

Analysis / Container / Preservative

Chain of Custody Page 6 of 22

Pace Analytical® National Center for Testing & Innovation
L1906275
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1906242

Table #

Acctnum: TRCATX

Template: T281615

Prelogin: P1181199

TSR: 526

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:
RO Metals = As,B,Fe,Mn,U

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
__ UPS ✓ FedEx __ Courier __

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	10/8/25	1615		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431
				If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/2025 Time: 0900
				Hold: Condition: NCF / OK

SHIPMENT 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170 Fax:

Client Project #: 646047.0000.0000

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #: 229939

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Chain of Custody Page 7 of 22

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LA06235

Table #

Acctnum: TRCATX
Template: T281625
Prelogin: P1181218
TSR: 526
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	EDB 8011 - 40mlClr-NaThio			Remarks	Sample # (lab only)
MW-133	Grab	GW		10/8/25	1110	10	x	x	x	x	x	x						16
~~KWB-9~~	~~Grab~~	~~GW~~				~~8~~	~~x~~	~~x~~			~~x~~	~~x~~	~~x~~	NOT SAMPLED; LVHFL				
~~MW-132~~	~~Grab~~	~~GW~~				~~10~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~		NOT SAMPLED; LVHFL				
MW-134	Grab	GW		10/8/25	1015	10	x	x	x		x	x	x					17
RA-4196R	Grab	GW		10/8/25	800	6	x			x	x	x					Only Cats.	18
KWB-7 ✓	Grab	GW				8	x	x			x	x	x					
NP-1	Grab	GW		10/8/25	930	3	x											19
MW-21	Grab	GW		10/8/25	850	13	x	x	x	x	x	x		x				20
~~MW-155~~	~~Grab~~	~~GW~~				~~7~~	~~x~~	~~x~~	~~x~~								NOT SAMPLED; LVHFL	
MW-152	Grab	GW		10/8/25	1420	7	x	x	x									24

Analysis / Container / Preservative

* Matrix: SS - Soil, AIR - Air, F - Filter, GW - Groundwater, B - Bioassay, WW - Wastewater, DW - Drinking Water, OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via: __ UPS __ FedEx __ Courier ____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	10/8/25	1615		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/2025 Time: 0900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Shipment 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #: 646047.0000.0000
Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #: 229939

Collected by (signature): Immediately Packed on Ice N ___ Y ✓
Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Date Results Needed
Quote #

Chain of Custody Page 8 of 22

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1960275
Table #
Acctnum: TRCATX
Template: T281625
Prelogin: P1181218
TSR: 526
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF 250mlHDPE-HNO3	Remarks	Sample # (lab only)
MW-153	Grab	GW		10/8/25	1340	7	x	x	x							23
MW-154	Grab	GW		10/8/25	1255	7	x	x	x							24
MW-155	Grab	GW		10/8/25	1255	7	x	x	x							25
MW-156	Grab	GW		10/8/25	1215	7	x	x	x							26
KWB-11A ✓	Grab	GW				10	x	x	x		x	x	x			
KWB-11B ✓	Grab	GW				10	x	x	x		x	x	x			
MW-115 ✓	Grab	GW				11	x	x	x		x	x	x	x		
MW-114 ✓	Grab	GW				11	x	x	x		x	x	x	x		
MW-125 ✓	Grab	GW				11	x	x	x		x	x	x	x		
DUP-REST-01	Grab	GW		10/8/25	1200	10	x	x	x	x	x	x				26

* Matrix: SS - Soil, AIR - Air, F - Filter, GW - Groundwater, B - Biosolids, WW - Wastewater, DW - Drinking Water, OT - Other

Remarks:
pH ____ Temp ____
Flow ____ Other ____

Samples returned via: __ UPS ✓ FedEx __ Courier __ ____
Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: X Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	10/8/25	1615			
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431	
Relinquished by (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/2025 Time: 0900	Hold: Condition: NCF / OK

SHIPMENT 2

Chain of Custody Page 6 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1906275

Table #

Acctnum: TRCATX

Template: T281625

Prelogin: P1181218

TSR: 526

PB:

Shipped Via:

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Remarks	Sample # (lab only)
EB-REST-01	Grab	GW		10/8/25	1120	10	x	x	x	x	x	x			27
DUP-REST-03	Grab	GW		10/8/25	1000	10	x	x	x		x	x	x		28
EB-REST-03	Grab	GW		10/8/25	1030	10	x	x	x		x	x	x		29
TRIP BLANK-REST-01	Grab	GW		10/8/25	—	1	x								30
TRIP BLANK-TMD-01	Grab	GW		10/8/25	—	1	x								31

* Matrix
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ ____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: X Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	10/8/25	1615		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/2025 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

SHIPMENT 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #: 646047.0000.0000
Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #: 229939

Collected by (signature):
Immediately Packed on Ice N ___ Y ✓
Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed
Quote #

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF 250mlHDPE-HNO3	8270DIOXANE - 100mlAmb-NoPres	EDB - SV8011 - 40mlClr-NaThio	Remarks	Sample # (lab only)
MW-117	Grab	GW		10/8/25	805	11	x	x	x		x	x	x	x				32
MW-118	Grab	GW		10/8/25	850	11	x	x	x		x	x	x	x				33
MW-119	Grab	GW		10/8/25	935	11	x	x	x		x	x	x	x				34
MW-136 ✓	Grab	GW				10	x	x	x		x	x	x					
~~MW-126A *~~	~~Grab~~	~~GW~~				~~10~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~		NOT	SAMPLED	; LNAPL		
MW-126B ✓	Grab	GW				10	x	x	x	x	x	x						
MW-160 ✓	Grab	GW				7	x	x	x									
MW-161 ✓	Grab	GW				10	x	x	x							x		
MW-162 ✓	Grab	GW				4				x	x	x		x			Cation only	
~~MW-127~~	~~Grab~~	~~GW~~				~~15~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~			~~x~~	~~x~~	NOT SAMPLED ; LNAPL	

Chain of Custody Page 10 of 22

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L961275
Table #
Acctnum: TRCATX
Template: T281630
Prelogin: P1181248
TSR: 526
PB:
Shipped Via:

* Matrix
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ ____
Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: X Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	10/8/25	1615			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/25 Time: 0900	Hold: / Condition: NCF / OK

SHIPMENT 2

TRC Solutions - Austin, TX
505 E. Huntland Dr. Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170

Client Project #: 646047.0000.0000

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #: 229939

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Immediately Packed on Ice: N Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	8270DIOXANE - 100ml Amb-NoPres	EDB - 40mlClr-NaThio	8270DIOXANE - 100ml Amb-NoPres	Remarks	Sample # (lab only)
~~KWB-1A~~	~~Grab~~	~~GW~~				8	x	x			x	x	x	NOT sampled; LNAPL				
~~KWB-10R~~	~~Grab~~	~~GW~~				10	x	x		x	x	x		x			NOT sampled; LNAPL	
~~MW-131~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x					NOT sampled; LNAPL	
~~KWB-5~~	~~Grab~~	~~GW~~				8	x	x		x	x	x	NOT sampled; LNAPL					
~~MW-141~~	~~Grab~~	~~GW~~				15	x	x	x	x	x	x		x	x		NOT sampled; LNAPL	
~~KWB-6~~	~~Grab~~	~~GW~~				13	x	x		x	x	x		x	x		NOT sampled; LNAPL	
~~MW-142~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x					NOT sampled; LNAPL	
~~MW-132~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x		NOT	sampled;	obstruction		
~~MW-57~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x		NOT	sampled;	LNAPL		
~~KWB-12A~~	~~Grab~~	~~GW~~				10	x	x	x		x	x	x	NOT	sampled;	DRY		

* Matrix: SS - Soil, AIR - Air, F - Filter, GW - Groundwater, B - Bioassay, WW - Wastewater, DW - Drinking Water, OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via: ___ UPS ___ FedEx ___ Courier ___

Tracking #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	10/8/25	1615	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received: 431

Date: 10/09/2025 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist:
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Chain of Custody Page 11 of 22

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L949275

Table #

Acctnum: TRCATX

Template: T281630

Prelogin: P1181248

TSR: 526

PB:

Shipped Via:

Shipment 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #: 646047.0000.0000

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #: 229939

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Quote #

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF 250mlHDPE-HNO3	Cations 250mlHDPE-HNO3			Remarks	Sample # (lab only)
KWB-12B	Grab	GW		10/8/25	1215	10	x	x	x		x	x	x						35
~~KWB-2R~~	~~Grab~~	~~GW~~				~~8~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~						not sampled; empty	
~~MW-58~~	~~Grab~~	~~GW~~				~~8~~	~~x~~	~~x~~			~~x~~	~~x~~	~~x~~					not sampled; empty	
MW-149	Grab	GW		10/8/25	1120	8	x	x		x	x	x							36
MW-150	Grab	GW		10/8/25	1025	8	x	x		x	x	x							37
MW-142 ✓	Grab	GW				4					x	x	x	x					
MW-143 ✓	Grab	GW				4					x	x	x	x					
MW-163 ✓	Grab	GW				4					x	x	x	x					
DUP-REST-05	Grab	GW		10/8/25	1000	10	x	x	x		x	x	x						38
EB-REST-05	Grab	GW		10/8/25	1230	10	x	x	x		x	x	x						39

* Matrix
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
__ UPS ✓ FedEx __ Courier

Tracking #

Relinquished by: (Signature) — Date: 10/8/25 — Time: 1615
Received by: (Signature)

Relinquished by: (Signature) — Date: — Time:
Received by: (Signature)

Relinquished by: (Signature) — Date: — Time:
Received for lab by: (Signature) — Date: 10/09/2025 — Time: 0900

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received: 431

If preservation required by Login: Date/Time

Hold: — Condition: NCF / OK

Chain of Custody Page 12 of 22

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L901275

Table #

Acctnum: TRCATX
Template: T281630
Prelogin: P1181248
TSR: 526
PB:

Shipped Via:

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y __N
COC Signed/Accurate: Y __N
Bottles arrive intact: Y __N
Correct bottles used: Y __N
Sufficient volume sent: Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

SHIPMENT 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project #: 646047.0000.0000

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #: 229939

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample Id	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V3260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Cyanide - 250mlHDPEAmb-NaOH	Diss. RO Metals-FF 250mlHDPE-HNO3	Cations 250mlHDPE-HNO3	Remarks	Sample # (lab only)
TRIP BLANK-REST-02	Grab	GW		10/8/25	—	1	x											36

Chain of Custody Page 13 of 22

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1962275

Table #

Acctnum: TRCATX

Template: T281630

Prelogin: P1181248

TSR: 526

PB:

Shipped Via:

* Matrix
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
__ UPS __ FedEx __ Courier __ ____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: X Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	10/8/25	1615			
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431	If preservation required by Login: Date/Time
Relinquished by (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/25 Time: 0900	Hold: / Condition: NCF / OK

SHIPMENT 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Pres Chk

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170

Client Project #: 646047.0000.0000

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #: 229939

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Immediately Packed on Ice N ___ Y ✓

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF250mlHDPE-HNO3	8270DIOXANE - 100mlAmb-NoPres	EDB - SV8011 - 40mlClr-NaThio	Remarks	Sample # (lab only)
MW-104 ✓	Grab	GW				10	x	x	x	x	x	x						
MW-64 ✓	Grab	GW				10	x	x	x	x	x	x						
~~MW-65~~	~~Grab~~	~~GW~~				~~10~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	NOT SAMPLED; LNAPL					
MW-102 ✓	Grab	GW				10	x	x	x	x	x	x						
~~MW-99~~	~~Grab~~	~~GW~~				~~10~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	NOT SAMPLED; LNAPL					
~~MW-66~~	~~Grab~~	~~GW~~				~~10~~	~~x~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~	NOT SAMPLED; LNAPL				
~~MW-28~~	~~Grab~~	~~GW~~				~~12~~	~~x~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~		~~x~~	NOT SAMPLED; LNAPL		
~~MW-60~~	~~Grab~~	~~GW~~				~~15~~	~~x~~	~~x~~	~~x~~		~~x~~	~~x~~	~~x~~		~~x~~	~~x~~ NOT SAMPLED; LNAPL		
~~MW-128~~	~~Grab~~	~~GW~~				~~12~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~			~~x~~	NOT SAMPLED; UNABLE TO LOCATE		
MW-116 ✓	Grab	GW				11	x	x	x		x	x	x	x				

* Matrix: SS - Soil, AIR - Air, F - Filter, GW - Groundwater, B - Bioassay, WW - WasteWater, DW - Drinking Water, OT - Other

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via: __ UPS ✓ FedEx __ Courier

Tracking #

Chain of Custody Page 14 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L906278

Table #

Acctnum: TRCATX

Template: T281633

Prelogin: P1181283

TSR: 526

PB: AGR 9-30

Shipped Via:

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	10/8/25	1615			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/9/2025 Time: 0900	Hold: / Condition: NCF / OK

SHIPMENT 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com
Project Description: Artesia Fall 2025
City/State Collected: Artesia, NM
Phone: 512-684-3170
Client Project #: 646047.0000.0000
Lab Project #: TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #: 229939
Collected by (signature):
Rush? (Lab MUST Be Notified) — Same Day, Next Day, Two Day, Three Day, Five Day, 5 Day (Rad Only), 10 Day (Rad Only)
Quote #
Date Results Needed
Immediately Packed on Ice N ___ Y ✓

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Chain of Custody Page 15 of 22

L# L1906275
Table #
Acctnum: TRCATX
Template: T281633
Prelogin: P1181283
TSR: 526
PB: AGR 9.30
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF 250mlHDPE-HNO3	Cl, F, SO4 - 125mlHDPE-NoPres		Remarks	Sample # (lab only)
MW-46R ✓	Grab	GW				8	x	x		x	x	x						
~~RW-10A~~	~~Grab~~	~~GW~~				~~7~~	x				x	x	x	x	NOT sampled; DRY			
MW-144 ✓	Grab	GW				4					x	x	x	x				
MW-145	Grab	GW		10/8/25	815	10	x	x	x	x	x				x			4
MW-146	Grab	GW		10/8/25	905	10	x	x	x	x	x				x			4
MW-135	Grab	GW		10/8/25	1010	10	x	x	x	x	x	x						4
~~MW-147~~	~~Grab~~	~~GW~~				~~10~~	x	x	x	x	x				x		NOT sampled; DRY	
MW-148	Grab	GW		10/8/25	1105	10	x	x	x	x	x				x			4
DUP-REST-02 ✓	Grab	GW				10	x	x	x	x	x	x						
EB-REST-02 ✓	Grab	GW				10	x	x	x	x	x	x						

* Matrix: SS - Soil, AIR - Air, F - Filter, GW - Groundwater, B - Bioassay, WW - WasteWater, DW - Drinking Water, OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via: __ UPS ✓ FedEx __ Courier ____
Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP X Y N
COC Signed/Accurate: Y N
Bottles arrive intact: X Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

	Date:	Time:		
Relinquished by: (Signature)	10/8/25	1615	Received by: (Signature)	Trip Blank Received: Yes / No, HCL / MeoH, TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/2025 Time: 0900

If preservation required by Login: Date/Time
Hold:
Condition: NCF / OK

SHIPMENT 2

| | | |

Shipment 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID # (Navajo - Artesia)

P.O. # 229939

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Chain of Custody Page 17 of 22

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L19 08275

Table #

Acctnum: TRCATX

Template: T281653

Prelogin: P1181392

TSR: 526

PB: Aes2 9-30

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	8270DIOXANE-100ml Amb-NoPres	SVOCs -100ml Amb-NoPres		Remarks	Sample # (lab only)
MW-101 ✓	Grab	GW				10	x	x	x	x	x	x						
MW-105 ✓	Grab	GW				10	x	x	x	x	x	x						
MW-61 ✓	Grab	GW		10/8/25	820	12	x	x	x	x	x	x			x			47
MW-62 ✓	Grab	GW				12	x	x	x	x	x	x			x			
~~MW-43~~	~~Grab~~	~~GW~~				~~14~~	x	x	x		x	x	x	x	x		Not sampled; Lucas	
~~MW-137~~	~~Grab~~	~~GW~~				~~12~~	x	x	x		x	x	x		x		Not sampled; Lucas	
~~MW-138~~	~~Grab~~	~~GW~~				~~14~~	x	x	x		x	x	x	x	x		Not sampled; Lucas	
MW-23 ✓	Grab	GW				14	x	x	x	x	x	x		x	x			
TEL-4 ✓	Grab	GW				10	x	x	x	x	x	x						

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	10/8/25	1615			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/2025 Time: 0900	Hold: / Condition: NCF / OK

SHIPMENT 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #: 646047.0000.0000
Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #: 229939

Collected by (signature):
Immediately Packed on Ice N ___ Y ✓
Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed
Quote #

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO -40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	Diss. RO Metals-FF 250mlHDPE-HNO3	8270DIOXANE-100ml Amb-NoPres	EDB - 8011 - 40mlClr-NaThio	Remarks	Sample # (lab only)
~~TEL-3~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x					NOT SAMPLED ; LVWPLE	
~~TEL-2~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x					NOT SAMPLED ; LVWPLE	
~~TEL-1~~	~~Grab~~	~~GW~~				10	x	x	x	x	x	x					NOT SAMPLED ; LVWPLE	
~~MW-39~~	~~Grab~~	~~GW~~				12	x	x	x	x	x	x			x		NOT SAMPLED ; LVWPLE	
MW-98	Grab	GW		10/8/25	910	10	x	x	x	x	x	x						LIC
~~MW-40~~	~~Grab~~	~~GW~~				6					x	x	x	x	x		NOT SAMPLED ; DESTROYED	
~~MW-29~~	~~Grab~~	~~GW~~				14	x	x	x		x	x	x	x		x	NOT SAMPLED ; LVWPLE	
MW-56 ✓	Grab	GW				4					x	x	x	x				
MW-49 ✓	Grab	GW				10	x	x	x		x	x	x					

* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - Wastewater DW - Drinking Water OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via: __UPS ✓FedEx __Courier

Tracking #

Relinquished by (Signature) Date: 10/8/25 Time: 1615 Received by: (Signature)

Relinquished by (Signature) Date: Time: Received by: (Signature)

Relinquished by (Signature) Date: Time: Received for lab by: (Signature)

Trip Blank Received: Yes / No HCL / MeoH TBR

Temp: °C Bottles Received: 431

Date: 10/09/2025 Time: 0900

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 18 of 22

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L906275
Table #
Acctnum: TRCATX
Template: T281653
Prelogin: P1181392
TSR: 526
PB: AGR 9-30
Shipped Via:

Shipment 2

Chain of Custody Page 19 of 22

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L906276

Table #

Acctnum: TRCATX

Template: T281653

Prelogin: P1181392

TSR: 526

PB: AGR 9-30

Shipped Via:

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer

Email To: jspeer@trccompanies.com

Project Description: Artesia Fall 2025

City/State Collected: Artesia, NM

Phone: 512-684-3170

Client Project #: 646047.0000.0000

Lab Project #: TRCATX-ARTESIA

Collected by (print): Scott Ude/HMI Team

Site/Facility ID #: (Navajo - Artesia)

P.O. #: 229939

Collected by (signature):

Immediately Packed on ice: N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	EDB - 8011 - 40mlClr-NaThio			Remarks	Sample # (lab only)
MW-106 ✓	Grab	GW				10	x	x	x	x	x	x						
MW-45 ✓	Grab	GW				8	x	x			x	x	x					
MW-157 ✓	Grab	GW				7	x	x	x									
MW-158 ✓	Grab	GW				10	x	x	x					x				
MW-159 ✓	Grab	GW				7	x	x	x									
DUP-TEL-01 ✓	Grab	GW				10	x	x	x	x	x	x						
EB-TEL-01 ✓	Grab	GW				10	x	x	x	x	x	x						
TRIP BLANK-REST-04 ✓	Grab	GW				1	x											
TRIP BLANK-TEL-01 ✓	Grab	GW				1	x											

* Matrix
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___

Flow ___ Other ___

Samples returned via:
__ UPS __ FedEx __ Courier __ ___

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: X Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	10/8/25	1615		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431
				If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/2025 Time: 0900
				Hold: Condition: NCF / OK

SHIPMENT 2

TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095
apinvoiceapproval@trcsolutions.com

Report to: Julie Speer
Email To: jspeer@trccompanies.com
Project Description: Artesia Fall 2025
City/State Collected: Artesia, NM
Phone: 512-684-3170
Client Project #: 646047.0000.0000
Lab Project #: TRCATX-ARTESIA
Collected by (print): Scott Ude/HMI Team
Site/Facility ID #: (Navajo - Artesia)
P.O. #: 229939
Collected by (signature):
Immediately Packed on Ice N ___ Y ✓
Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Date Results Needed
Quote #

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260OXY - 40mlAmb HCl	DROLVI- 40mlAmb-HCl-BT	GRO - 40mlAmb HCl	Total Short List Metals 250mlHDPE-HNO3	TDS - 500mlHDPE-NoPres	*NO3,Cl,NO2,F,SO4* 125mlHDPE-NoPres	Total Long List Metals 250mlHDPE-HNO3	SVOCs-100mlAmb-NoPres	8270DIOXANE-100mlAmb-NoPres	Remarks	Sample # (lab only)
MW-139 ✓	Grab	GW				10	x	x	x	x	x	x					
MW-50 ✓	Grab	GW				8	x	x		x	x	x					
~~MW-97~~	~~Grab~~	~~GW~~				~~12~~	x	x	x	x	x	x		x		NOT sampled; LWAPL	
~~MW-92~~	~~Grab~~	~~GW~~				~~12~~	x	x	x	x	x	x			x	NOT sampled; LWAPL	
~~MW-91~~	~~Grab~~	~~GW~~				~~12~~	x	x	x	x	x	x			x	NOT sampled; LWAPL	
MW-90 ✓	Grab	GW				10	x	x	x	x	x	x					
MW-96	Grab	GW		10/8/25	1135	10	x	x	x	x	x	x					49
~~MW-94~~	~~Grab~~	~~GW~~				~~12~~	x	x	x	x	x	x			x	NOT sampled; LWAPL	
~~MW-67~~	~~Grab~~	~~GW~~				~~12~~	x	x	x		x	x	x		x	NOT sampled; LWAPL	
~~NGL-34A~~	~~Grab~~	~~GW~~				~~8~~	x	x		x	x	x	NOT SAMPLED; LWAPL				

Chain of Custody Page 20 of 22

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LA04575
Table #
Acctnum: TRCATX
Template: T281654
Prelogin: P1181393
TSR: 526
PB: 09/30/25 CG
Shipped Via:

* Matrix
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via: __ UPS ✓ FedEx __ Courier __ ____
Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	10/8/25	1615		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 431
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/09/2025 Time: 0900

If preservation required by Login: Date/Time
Hold:
Condition: NCF / OK

SHIPMENT 2

| | | |

Shipment 2

| | | |

DC#_Title: Excel Form Template
Effective Date:

Multiple Parcel Form

L# L1966275

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
7919 6483 4308	TLA9	2.3	-0.1	2.2	(Yes) / No / Not Present
7919 6490 1434	TLA9	1.3	-0.1	1.2	(Yes) / No / Not Present
7919 6490 1630	TLA9	1.1	-0.1	1.0	(Yes) / No / Not Present
7919 6484 6209	TLA9	1.0	-0.1	0.9	(Yes) / No / Not Present
7919 6484 6150	TLA9	1.4	-0.1	1.3	(Yes) / No / Not Present
7919 6483 4341	TLA9	2.0	-0.1	1.9	(Yes) / No / Not Present
7919 6490 1721	TLA9	0.8	-0.1	0.7	(Yes) / No / Not Present
7919 6490 1501	TLA9	1.7	-0.1	1.6	(Yes) / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Ashley Baxter
Name

10/09/2025
Date

Released to Imaging: 6/26/2026 3:07:01 PM

ANALYTICAL REPORT

December 11, 2025

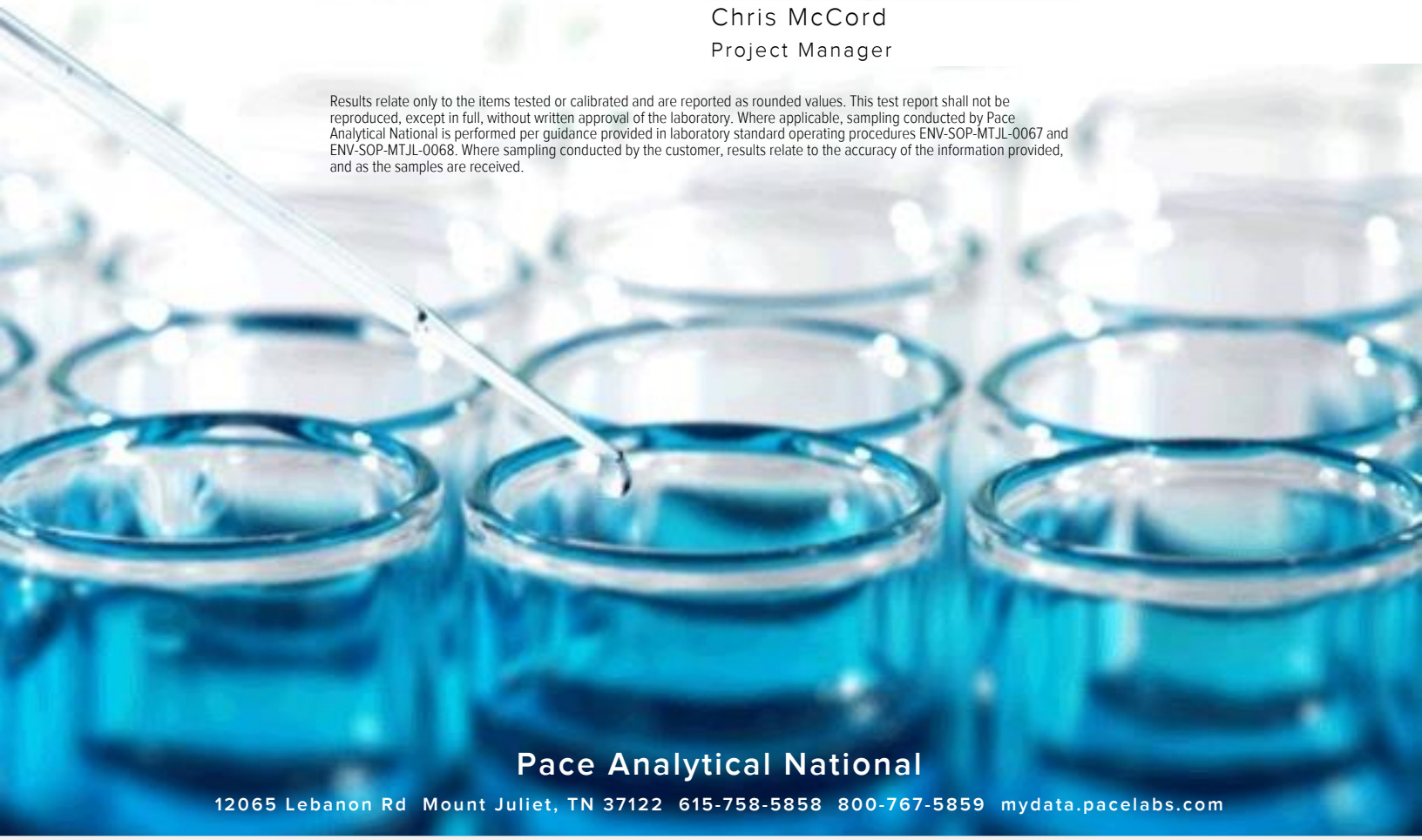
TRC Solutions - Austin, TX

Sample Delivery Group:	L1921108
Samples Received:	11/21/2025
Project Number:	646047.0000.0000
Description:	
Site:	(NAVAJO - ARTESIA)
Report To:	Julie Speer 505 E. Huntland Dr, Ste 250 Austin, TX 78752

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

KWB-3AR L1921108-01

Collected by: Greg S.
Collected date/time: 11/20/25 13:15
Received date/time: 11/21/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2647494	1	11/25/25 14:00	11/25/25 18:21	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2645515	10	11/22/25 03:25	11/22/25 03:25	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2645515	100	11/22/25 03:37	11/22/25 03:37	GEB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2646556	1	11/26/25 08:31	11/26/25 14:20	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2646573	1	11/26/25 10:51	12/10/25 21:21	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2646573	1	11/26/25 10:51	12/11/25 14:25	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2646573	10	11/26/25 10:51	12/10/25 20:49	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2646573	20	11/26/25 10:51	12/11/25 14:28	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2647795	1	11/26/25 09:20	11/26/25 09:20	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2647119	1	12/01/25 05:50	12/02/25 05:04	PS	Mt. Juliet, TN

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Wet Chemistry by Method 9056A

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG2645515	(MS) R4307110-5	Sulfate
WG2645515	(MSD) R4307110-6	Sulfate

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2645515	(MS) R4307110-5, (MSD) R4307110-6	Chloride and Nitrate as (N)

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2645515	(MS) R4307110-5, (MSD) R4307110-6	Sulfate

Metals (ICPMS) by Method 6020B

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2646573	(MSD) R4312517-5	Calcium

Volatile Organic Compounds (GC/MS) by Method 8260D

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2647795	L1921108-01	Acetone and tert-Butyl alcohol

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3800		100	1	11/25/2025 18:21	WG2647494

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	285		5.47	10.0	10	11/22/2025 03:25	WG2645515
Fluoride	U		0.761	1.50	10	11/22/2025 03:25	WG2645515
Nitrate as (N)	11.8		0.884	1.00	10	11/22/2025 03:25	WG2645515
Nitrite as (N)	U		0.794	1.00	10	11/22/2025 03:25	WG2645515
Sulfate	2430		63.7	500	100	11/22/2025 03:37	WG2645515

Sample Narrative:

L1921108-01 WG2645515: Dilution due to matrix impact on instrumentation at lower dilution

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Boron	0.651		0.0232	0.200	1	11/26/2025 14:20	WG2646556

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00268		0.000120	0.00200	1	12/10/2025 21:21	WG2646573
Barium	0.0147		0.000500	0.00200	1	12/10/2025 21:21	WG2646573
Calcium	589		1.85	20.0	20	12/11/2025 14:28	WG2646573
Chromium	0.00117	J	0.000900	0.00200	1	12/10/2025 21:21	WG2646573
Iron	0.243		0.0226	0.100	1	12/10/2025 21:21	WG2646573
Lead	0.000510	J	0.000500	0.00200	1	12/11/2025 14:25	WG2646573
Manganese	0.00528		0.000700	0.00500	1	12/10/2025 21:21	WG2646573
Potassium	0.579	J	0.0965	2.00	1	12/10/2025 21:21	WG2646573
Selenium	0.00823		0.000250	0.00200	1	12/10/2025 21:21	WG2646573
Sodium	218		1.42	20.0	10	12/10/2025 20:49	WG2646573
Uranium	0.0356		0.000130	0.00100	1	12/11/2025 14:25	WG2646573

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.0469	0.0500	1	11/26/2025 09:20	WG2647795
Benzene	U		0.000320	0.00100	1	11/26/2025 09:20	WG2647795
Bromodichloromethane	U		0.000371	0.00100	1	11/26/2025 09:20	WG2647795
Bromoform	U		0.000548	0.00100	1	11/26/2025 09:20	WG2647795
Bromomethane	U		0.00485	0.00500	1	11/26/2025 09:20	WG2647795
n-Butylbenzene	U		0.000516	0.00100	1	11/26/2025 09:20	WG2647795
sec-Butylbenzene	U		0.000355	0.00100	1	11/26/2025 09:20	WG2647795
Carbon disulfide	U		0.000510	0.00100	1	11/26/2025 09:20	WG2647795
Carbon tetrachloride	U		0.000360	0.00100	1	11/26/2025 09:20	WG2647795
Chlorobenzene	U		0.000266	0.00100	1	11/26/2025 09:20	WG2647795
Chlorodibromomethane	U		0.000398	0.00100	1	11/26/2025 09:20	WG2647795
Chloroethane	U		0.00279	0.00500	1	11/26/2025 09:20	WG2647795
Chloroform	U		0.00128	0.00500	1	11/26/2025 09:20	WG2647795
Chloromethane	U		0.00170	0.00500	1	11/26/2025 09:20	WG2647795
1,2-Dibromoethane	U		0.000341	0.00100	1	11/26/2025 09:20	WG2647795
1,1-Dichloroethane	U		0.000389	0.00100	1	11/26/2025 09:20	WG2647795
1,2-Dichloroethane	U		0.000395	0.00100	1	11/26/2025 09:20	WG2647795

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethene	U		0.000422	0.00100	1	11/26/2025 09:20	WG2647795
cis-1,2-Dichloroethene	U		0.000323	0.00100	1	11/26/2025 09:20	WG2647795
trans-1,2-Dichloroethene	U		0.000348	0.00100	1	11/26/2025 09:20	WG2647795
1,2-Dichloropropane	U		0.000427	0.00100	1	11/26/2025 09:20	WG2647795
cis-1,3-Dichloropropene	U		0.000348	0.00100	1	11/26/2025 09:20	WG2647795
trans-1,3-Dichloropropene	U		0.000313	0.00100	1	11/26/2025 09:20	WG2647795
Ethylbenzene	U		0.000234	0.00100	1	11/26/2025 09:20	WG2647795
Isopropylbenzene	U		0.000105	0.00100	1	11/26/2025 09:20	WG2647795
p-Isopropyltoluene	U		0.000345	0.00100	1	11/26/2025 09:20	WG2647795
2-Butanone (MEK)	U		0.00900	0.0200	1	11/26/2025 09:20	WG2647795
2-Hexanone	U		0.00580	0.0200	1	11/26/2025 09:20	WG2647795
Methylene Chloride	U		0.00148	0.00500	1	11/26/2025 09:20	WG2647795
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200	1	11/26/2025 09:20	WG2647795
Methyl tert-butyl ether	U		0.000357	0.00100	1	11/26/2025 09:20	WG2647795
Naphthalene	U		0.00264	0.00500	1	11/26/2025 09:20	WG2647795
n-Propylbenzene	U		0.000239	0.00100	1	11/26/2025 09:20	WG2647795
Styrene	U		0.000342	0.00100	1	11/26/2025 09:20	WG2647795
tert-Butyl alcohol	U	C3	0.00496	0.0200	1	11/26/2025 09:20	WG2647795
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100	1	11/26/2025 09:20	WG2647795
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100	1	11/26/2025 09:20	WG2647795
Tetrachloroethene	U		0.000358	0.00100	1	11/26/2025 09:20	WG2647795
Toluene	U		0.000274	0.00100	1	11/26/2025 09:20	WG2647795
1,1,1-Trichloroethane	U		0.000336	0.00100	1	11/26/2025 09:20	WG2647795
1,1,2-Trichloroethane	U		0.000375	0.00100	1	11/26/2025 09:20	WG2647795
Trichloroethene	U		0.000383	0.00100	1	11/26/2025 09:20	WG2647795
1,2,4-Trimethylbenzene	U		0.000274	0.00200	1	11/26/2025 09:20	WG2647795
1,3,5-Trimethylbenzene	U		0.000266	0.00100	1	11/26/2025 09:20	WG2647795
Vinyl chloride	U		0.000458	0.00100	1	11/26/2025 09:20	WG2647795
o-Xylene	U		0.000319	0.00100	1	11/26/2025 09:20	WG2647795
m&p-Xylene	U		0.000549	0.00200	1	11/26/2025 09:20	WG2647795
Xylenes, Total	U		0.000319	0.00300	1	11/26/2025 09:20	WG2647795
(S) Toluene-d8	*97.4*			*80.0-120*		*11/26/2025 09:20*	WG2647795
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*11/26/2025 09:20*	WG2647795
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*11/26/2025 09:20*	WG2647795

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.318		0.0605	0.100	1	12/02/2025 05:04	WG2647119
(S) o-Terphenyl	*90.5*			*52.0-156*		*12/02/2025 05:04*	WG2647119

Method Blank (MB)

(MB) R4307742-1 11/25/25 18:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1920320-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1920320-01 11/25/25 18:21 • (DUP) R4307742-3 11/25/25 18:21

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	5840	5610	1	4.02		10

L1921915-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1921915-01 11/25/25 18:21 • (DUP) R4307742-4 11/25/25 18:21

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	207	210	1	1.44		10

Laboratory Control Sample (LCS)

(LCS) R4307742-2 11/25/25 18:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8270	94.0	90.0-110	

Method Blank (MB)

(MB) R4307110-1 11/21/25 22:06

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Nitrite as (N)	U		0.0794	0.100
Sulfate	U		0.637	5.00

L1921102-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1921102-13 11/22/25 01:21 • (DUP) R4307110-3 11/22/25 01:43

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	109	108	10	1.17		15
Fluoride	1.19	1.22	10	2.58	J	15
Nitrate as (N)	10.6	10.4	10	2.35		15
Nitrite as (N)	U	U	10	0.000		15

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

DUP: Dilution due to matrix impact on instrumentation at lower dilution

L1921102-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1921102-13 11/22/25 01:32 • (DUP) R4307110-4 11/22/25 01:54

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	1340	1340	100	0.00814		15

L1921102-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1921102-17 11/22/25 02:51 • (DUP) R4307110-7 11/22/25 03:03

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		15
Fluoride	U	U	1	0.000		15
Nitrate as (N)	U	U	1	0.000		15
Nitrite as (N)	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4307110-2 11/21/25 22:17

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.9	97.3	80.0-120	
Fluoride	8.00	8.08	101	80.0-120	
Nitrate as (N)	8.00	8.03	100	80.0-120	
Nitrite as (N)	8.00	8.12	102	80.0-120	
Sulfate	40.0	39.5	98.7	80.0-120	

L1921102-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921102-13 11/22/25 01:21 • (MS) R4307110-5 11/22/25 02:06 • (MSD) R4307110-6 11/22/25 02:17

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	109	126	126	41.9	43.2	10	80.0-120	J6	J6	0.392	15
Fluoride	8.00	1.19	8.15	7.85	87.0	83.2	10	80.0-120			3.80	15
Nitrate as (N)	8.00	10.6	15.7	15.7	63.9	63.2	10	80.0-120	J6	J6	0.360	15
Nitrite as (N)	8.00	U	7.42	7.46	92.8	93.2	10	80.0-120			0.476	15
Sulfate	40.0	1510	1240	1250	0.000	0.000	10	80.0-120	E V	E V	0.810	15

Sample Narrative:

OS: Dilution due to matrix impact on instrumentation at lower dilution

L1921102-17 Original Sample (OS) • Matrix Spike (MS)

(OS) L1921102-17 11/22/25 02:51 • (MS) R4307110-8 11/22/25 03:14

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	U	40.4	101	1	80.0-120	
Fluoride	8.00	U	8.41	105	1	80.0-120	
Nitrate as (N)	8.00	U	8.29	104	1	80.0-120	
Nitrite as (N)	8.00	U	8.43	105	1	80.0-120	
Sulfate	40.0	U	40.6	101	1	80.0-120	

Received by OCD: 6/15/2026 7:23:14 PM

Method Blank (MB)

(MB) R4306876-1 11/26/25 13:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0233	0.200

Laboratory Control Sample (LCS)

(LCS) R4306876-2 11/26/25 13:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	0.950	95.0	80.0-120	

L1921073-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921073-04 11/26/25 13:44 • (MS) R4306876-4 11/26/25 13:49 • (MSD) R4306876-5 11/26/25 13:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00	6.04	6.93	6.93	88.8	88.5	1	75.0-125			0.0469	20

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Method Blank (MB)

(MB) R4312517-1 12/10/25 18:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Manganese	U		0.000700	0.00500
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Sodium	U		0.142	2.00
Uranium	U		0.000130	0.00100

Laboratory Control Sample (LCS)

(LCS) R4312517-2 12/10/25 18:16

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	0.0500	0.0505	101	80.0-120	
Barium	0.0500	0.0483	96.6	80.0-120	
Calcium	5.00	5.03	101	80.0-120	
Chromium	0.0500	0.0526	105	80.0-120	
Iron	1.00	1.07	107	80.0-120	
Lead	0.0500	0.0492	98.4	80.0-120	
Manganese	0.0500	0.0522	104	80.0-120	
Potassium	5.00	5.05	101	80.0-120	
Selenium	0.0500	0.0490	98.0	80.0-120	
Sodium	5.00	5.15	103	80.0-120	
Uranium	0.0500	0.0474	94.9	80.0-120	

L1921045-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921045-05 12/10/25 18:19 • (MS) R4312517-4 12/10/25 18:26 • (MSD) R4312517-5 12/10/25 18:29

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0500	0.000614	0.0490	0.0498	96.8	98.4	1	75.0-125			1.57	20
Barium	0.0500	0.0682	0.120	0.118	103	99.9	1	75.0-125			1.23	20
Calcium	5.00	85.2	89.9	88.5	94.4	66.0	1	75.0-125		V	1.59	20
Chromium	0.0500	0.0268	0.0766	0.0781	99.6	102	1	75.0-125			1.85	20
Iron	1.00	U	1.06	1.08	106	108	1	75.0-125			2.28	20

L1921045-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921045-05 12/10/25 18:19 • (MS) R4312517-4 12/10/25 18:26 • (MSD) R4312517-5 12/10/25 18:29

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	0.0500	U	0.0488	0.0478	97.6	95.6	1	75.0-125			2.11	20
Manganese	0.0500	U	0.0508	0.0510	102	102	1	75.0-125			0.449	20
Potassium	5.00	2.30	7.32	7.23	100	98.5	1	75.0-125			1.27	20
Selenium	0.0500	0.00108	0.0490	0.0486	95.8	95.0	1	75.0-125			0.890	20
Sodium	5.00	25.4	29.7	29.9	85.4	89.7	1	75.0-125			0.729	20
Uranium	0.0500	0.00442	0.0523	0.0522	95.8	95.5	1	75.0-125			0.291	20

Method Blank (MB)

(MB) R4307685-4 11/26/25 07:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Benzene	U		0.000320	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
Carbon disulfide	U		0.000510	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
Ethylbenzene	U		0.000234	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
2-Hexanone	U		0.00580	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
tert-Butyl alcohol	U		0.00496	0.0200
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,1,1-Trichloroethane	U		0.000336	0.00100

Method Blank (MB)

(MB) R4307685-4 11/26/25 07:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
o-Xylene	U		0.000319	0.00100
m&p-Xylene	U		0.000549	0.00200
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*97.9*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4307685-1 11/26/25 05:38 • (LCSD) R4307685-2 11/26/25 05:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0343	0.0306	68.6	61.2	19.0-160	J	J	11.4	27
Benzene	0.0100	0.0101	0.00999	101	99.9	70.0-123			1.10	20
Bromodichloromethane	0.0100	0.0103	0.0105	103	105	75.0-120			1.92	20
Bromoform	0.0100	0.00983	0.00985	98.3	98.5	68.0-132			0.203	20
Bromomethane	0.0100	0.00806	0.00928	80.6	92.8	10.0-160			14.1	25
n-Butylbenzene	0.0100	0.00989	0.00988	98.9	98.8	73.0-125			0.101	20
sec-Butylbenzene	0.0100	0.0101	0.00986	101	98.6	75.0-125			2.40	20
Carbon disulfide	0.0100	0.0100	0.00987	100	98.7	61.0-128			1.31	20
Carbon tetrachloride	0.0100	0.0116	0.0116	116	116	68.0-126			0.000	20
Chlorobenzene	0.0100	0.00993	0.00974	99.3	97.4	80.0-121			1.93	20
Chlorodibromomethane	0.0100	0.0102	0.0100	102	100	77.0-125			1.98	20
Chloroethane	0.0100	0.0109	0.0111	109	111	47.0-150			1.82	20
Chloroform	0.0100	0.0101	0.00997	101	99.7	73.0-120			1.30	20
Chloromethane	0.0100	0.0111	0.0127	111	127	41.0-142			13.4	20
1,2-Dibromoethane	0.0100	0.00947	0.00920	94.7	92.0	80.0-122			2.89	20
1,1-Dichloroethane	0.0100	0.0102	0.0102	102	102	70.0-126			0.000	20
1,2-Dichloroethane	0.0100	0.0105	0.0102	105	102	70.0-128			2.90	20
1,1-Dichloroethene	0.0100	0.00984	0.00968	98.4	96.8	71.0-124			1.64	20
cis-1,2-Dichloroethene	0.0100	0.00986	0.0101	98.6	101	73.0-120			2.40	20
trans-1,2-Dichloroethene	0.0100	0.0101	0.00994	101	99.4	73.0-120			1.60	20
1,2-Dichloropropane	0.0100	0.0106	0.0105	106	105	77.0-125			0.948	20
cis-1,3-Dichloropropene	0.0100	0.0101	0.0101	101	101	80.0-123			0.000	20

Received by OCD: 6/15/2026 7:23:14 PM

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4307685-1 11/26/25 05:38 • (LCSD) R4307685-2 11/26/25 05:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.0100	0.00963	0.00940	96.3	94.0	78.0-124			2.42	20
Ethylbenzene	0.0100	0.00996	0.00966	99.6	96.6	79.0-123			3.06	20
Isopropylbenzene	0.0100	0.0101	0.00974	101	97.4	76.0-127			3.63	20
p-Isopropyltoluene	0.0100	0.0100	0.00967	100	96.7	76.0-125			3.36	20
2-Butanone (MEK)	0.0500	0.0490	0.0488	98.0	97.6	44.0-160			0.409	20
2-Hexanone	0.0500	0.0472	0.0455	94.4	91.0	67.0-149			3.67	20
Methylene Chloride	0.0100	0.00974	0.00978	97.4	97.8	67.0-120			0.410	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.0458	0.0445	91.6	89.0	68.0-142			2.88	20
Methyl tert-butyl ether	0.0100	0.0106	0.0100	106	100	68.0-125			5.83	20
Naphthalene	0.0100	0.0107	0.0100	107	100	54.0-135			6.76	20
n-Propylbenzene	0.0100	0.0105	0.0102	105	102	77.0-124			2.90	20
Styrene	0.0100	0.0101	0.00981	101	98.1	73.0-130			2.91	20
tert-Butyl alcohol	0.0500	0.0396	0.0366	79.2	73.2	27.0-160			7.87	30
1,1,1,2-Tetrachloroethane	0.0100	0.00976	0.00966	97.6	96.6	75.0-125			1.03	20
1,1,2,2-Tetrachloroethane	0.0100	0.00939	0.00903	93.9	90.3	65.0-130			3.91	20
Tetrachloroethene	0.0100	0.00995	0.00954	99.5	95.4	72.0-132			4.21	20
Toluene	0.0100	0.00973	0.00943	97.3	94.3	79.0-120			3.13	20
1,1,1-Trichloroethane	0.0100	0.0106	0.0104	106	104	73.0-124			1.90	20
1,1,2-Trichloroethane	0.0100	0.00990	0.00966	99.0	96.6	80.0-120			2.45	20
Trichloroethene	0.0100	0.0106	0.0104	106	104	78.0-124			1.90	20
1,2,4-Trimethylbenzene	0.0100	0.0100	0.00971	100	97.1	76.0-121			2.94	20
1,3,5-Trimethylbenzene	0.0100	0.0102	0.00963	102	96.3	76.0-122			5.75	20
Vinyl chloride	0.0100	0.0100	0.0105	100	105	67.0-131			4.88	20
o-Xylene	0.0100	0.00998	0.00980	99.8	98.0	80.0-122			1.82	20
m&p-Xylene	0.0200	0.0209	0.0205	105	103	80.0-122			1.93	20
Xylenes, Total	0.0300	0.0309	0.0303	103	101	79.0-123			1.96	20
(S) Toluene-d8				*97.1*	*96.3*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.7*	*98.0*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*106*	*105*	*70.0-130*				

Released to Imaging: 6/26/2026 3:07:01 PM

Method Blank (MB)

(MB) R4308914-1 12/02/25 01:05

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) High Fraction	U		0.0605	0.100
(S) o-Terphenyl	*86.0*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R4308914-2 12/02/25 01:27

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) High Fraction	1.50	1.45	96.7	50.0-150	
(S) o-Terphenyl			*113*	*52.0-156*	

L1921102-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921102-13 12/02/25 01:48 • (MS) R4308914-3 12/02/25 02:10 • (MSD) R4308914-4 12/02/25 02:32

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	1.43	0.125	1.55	1.68	99.7	109	1	50.0-150			8.05	20
(S) o-Terphenyl					*107*	*117*		*52.0-156*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Pres Chk

Report to: Julie Speer 512-684-3170

Email To: jspeer@trccompanies.com;dhelbert@trccompa

Project Description:

City/State Collected: ARTESIA, NM

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project # 646047.0000.0000

Lab Project # TRCATX-ARTESIA

Collected by (print): Greg Scherbenske

Site/Facility ID # (NAVAJO - ARTESIA)

P.O. # 229939

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	**WetChem-48hr HT** 125mlHDPE-NoPres	ARTESIALONG 250mlHDPE-HNO3	DROLVI 40mlAmb-HCl-BT	TDS 500mlHDPE-NoPres	V82600XY 40mlAmb-HCl						Remarks	Sample # (lab only)
KWB-3AR	Grab	GW		11/20/25	1315	8	X	X	X	X	X							-01

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE
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12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chart of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

L1921108

J067

Acctnum: TRCATX
Template: T284315
Prelogin: P1190265
PM: 526 - Chris McCord
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: **WetChem-48hr HT** = CHLORIDE,FLUORIDE,NITRATE,NITRITE,SULFATE
ARTESIALONG includes Cations.

PH – 10BDH07251
TRC – 5090A93

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	11/20/25	1515		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 8
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/21/25 Time: 945

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

DC#_Title: Excel Form Template

Effective Date:

Multiple Parcel Form

L# L1921804

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
9471827182704	A14	3.8	+0	3.8	Yes / No / Not Present
9471827182690	|	2.4	|	2.4	Yes / No / Not Present
9471827182715	|	3.5	|	3.5	Yes / No / Not Present
9471827182689	|	1.2	|	1.2	Yes / No / Not Present
9471827182667	|	0.9	|	0.9	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Name

Date

February 4, 2026

Dana Helbert
Project Manager
TRC
505 E. Huntland Dr., Ste. 250
Austin, TX 78752
512.202.6823

Subject: Forensic chemical analysis of one non-aqueous phase liquid (NAPL) sample from HF Sinclair Navajo Refinery LLC, located in Artesia, New Mexico.

Dear Ms. Helbert,

This letter report summarizes the results of forensic chemical analyses conducted on one non-aqueous phase liquid (NAPL) sample (MW-151) recently collected from the HF Sinclair property, located in Artesia, New Mexico. The objective of the work described herein was to chemically characterize the hydrocarbon fingerprint of the sample, identify the type(s) of products present, and determine the degree of environmental weathering.

Sampling and Laboratory Login

The sample was collected by TRC personnel for HF Sinclair on December 29, 2025. After collection, the sample was stored in a secure location and shipped by overnight carrier to ERM NewFields' alliance laboratory, Alpha/Pace (Mansfield, MA) for forensic chemical analysis. Upon receipt, the sample was logged into Alpha/Pace's laboratory information management system (LIMS) and given unique laboratory identifications. The sample was stored in a limited access refrigerator at 4°C until processed for analysis. Summary information of the sample collected is provided in **Table 1**.

The sample was analyzed using a series of methods designed specifically for the forensic analysis of petroleum[1] and appropriate for the study's objective:

Analysis Scope

1. Whole Oil Fingerprinting: a "whole oil" gas chromatography technique, using tandem high resolution gas chromatography-flame ionization detection (GC/FID) and high-resolution gas chromatography-mass spectrometry (GC/MS) following adaptations of Modified EPA Method 8015 and modified EPA Method 8270, respectively. These analyses provide detailed information about the occurrence and distribution of hydrocarbons over the C_4 to C_{44+} carbon range. The resulting GC profiles depict the type or types of petroleum products in the NAPL.

2. PIANO Quantification and Fingerprinting: The sample was analyzed by a modified EPA Method 8260 purge-and-trap gas chromatography with mass spectrometry (GC/MS) method was used to measure 88 C5-C12 volatile range compounds from five major hydrocarbon classes: paraffins, isoparaffins, aromatics, naphthenes, and olefins (PIANO). In addition, various

[1] Douglas, G.D., Emsbo-Mattingly, S.D., Stout, S.A., Uhler, A.D., and McCarthy, K.J. (2007) Chemical fingerprinting of hydrocarbons and polychlorinated biphenyls. In: *Introduction to Environmental Forensics, 2nd Ed.*, B. Murphy and R. Morrison, Eds., Academic Press, New York.

oxygenated compounds found in oxygenated and reformulated gasolines were analyzed including tert-butyl alcohol (TBA), methyl-tert-butyl ether (MTBE), di-isopropyl ether (DIPE), ethyl-tert-butyl ether (ETBE) were also targeted. A full list of the volatile hydrocarbons measured, and compound name abbreviations used in graphical presentation of data is provided in **Table 2**.

3. *Regulatory VOCs*: EPA Method 8260 was used for quantification of volatile organic compounds (VOCs). The target analytes include traditional VOCs of environmental concern (hydrocarbon, aromatic, halogenated, and oxygenated functional groups) by purge-and-trap gas chromatography and mass spectrometer (GC/MS) operated in a full scan mode. These results provide general information about the presence and concentrations of regulated VOC compounds. **Table 3** lists the VOC parameters measured and provides compound abbreviations.
4. *Specific Gravity*: ASTM method D4052 was used for reporting.

Results and Discussion

The complete Alpha/Pace Environmental Testing Reports (ETRs), including all sample preparation data, instrument calibrations, QC data, and chromatograms, are maintained on file by ERM NewFields (ETRs L2600217). A data summary containing pertinent gas chromatograms and tabulated results of all chemical analyses and quality control results may be found as an attachment to this letter.

All analyses were conducted following established laboratory data quality objectives (DQOs). Appropriate laboratory quality control (QC) samples were processed along with the sample. The QC samples included laboratory method blank (B), laboratory control samples (LCS/LCSD), and a reference materials oil. Resulting data underwent several levels of review. ERM NewFields performed an independent review of the data generated by Alpha/Pace Laboratory, to ensure that data quality objectives were satisfied, and that the results were traceable to the raw data. ERM NewFields also reviewed the data for compliance with the laboratory's documented procedures and established laboratory quality objectives. The data were found to be accurate and traceable, and met the laboratory established method data quality objectives.

Background: Chemical Fingerprinting Analysis

Gas chromatography profiling or "fingerprinting", combined with molecular chemical analyses of diagnostic hydrocarbons, provide complimentary lines of evidence that are considered in the forensic identification of hydrocarbons.

The gas chromatogram, or "fingerprint", is the instrument output that defines the distribution of the petroleum hydrocarbons in each sample, usually from most volatile to least volatile[2]. The peaks that appear in the chromatogram represent discrete compounds, the height of which is proportional to the abundance of those compounds in the petroleum. Every petroleum product has its own unique distribution of peaks (individual hydrocarbons). It is this fundamental gas chromatographic feature – the GC "fingerprint" – that allows the environmental chemist to identify and distinguish one petroleum product from another (i.e., crude oil, light and middle distillate fuels, coal-derived materials, and their combustion and waste residues). Even though weathering processes can significantly alter the chromatographic

[2] The elution order (e.g., retention time) of peaks on the chromatogram is a function of volatility with the most volatile compounds eluting early in the GC run (e.g., n-C_{10}), and the less volatile hydrocarbons eluting later in the GC run (e.g., n-C_{30}).

signature of hydrocarbons, the important characteristics can be distinguished from the chromatogram, or "fingerprint".

Additionally, detailed measurements of the petroleum in the sample were carried out using more detailed fingerprinting methods. The results of the PIANO analyses provide a basis to characterize and distinguish different types of gasoline and other light petroleum distillates. Histograms, showing the concentrations of the volatile constituents, provide a visual means of assessing the detailed compositions of petroleum hydrocarbons. The quantitative PIANO data is also used to compute various environmental weathering parameters of gasoline, i.e., evaporation, water washing, and biodegradation (**Table 4**).

General Character of the MW-151 NAPL Sample Studied

The GC/FID gas chromatogram of NAPL MW-151 is shown in **Figure 1.** Three laboratory reference samples of regular grade gasoline, kerosene and diesel fuel #2 are also presented for comparison. These results demonstrate that the NAPL sample analyzed is composed of a commingled automotive gasoline and middle distillate fuel (i.e., diesel fuel or fuel oil #2). The automotive gasoline component is evident in the hydrocarbons present in the C_5-C_{12+} range, while evidence of a middle distillate fuel component (i.e., diesel fuel or fuel oil #2) appears in the C_{10}-C_{26+} range. The estimated proportions of these two components in the MW-151 NAPL sample are presented in **Figure 1 and Table 4**.[3] NAPL sample MW-151 is relatively evenly distributed between automotive gasoline (53%) and distillate (47%). No heavier range petroleum is present in the NAPL sample.

Additional details of this sample's gasoline and middle distillate fuel components are discussed in the sections below.

Detailed Character of the Automotive Gasoline in the MW-151 NAPL Sample Studied

The results of the PIANO analysis provide a basis to characterize and distinguish different types/blends of gasoline (and other light petroleum distillates). Histograms showing the concentrations of the volatile gasoline-range constituents provide a visual means of assessing the detailed compositions of light petroleum products. Inspection of the bulk measurements calculated from the PIANO results for NAPL MW-151 can be found in **Table 4**. The quantitative PIANO data is also used to compute various refining-based and environmental weathering parameters for gasoline, i.e., evaporation, water washing, and biodegradation, which are discussed further below.

The concentration histograms for the PIANO compounds measured in the NAPL MW-151 are presented in **Figure 2.** PIANO compound concentration histograms for laboratory reference samples of a regular grade gasoline and diesel fuel #2 are also shown in **Figure 2** for visual comparison. Unsurprisingly, based upon the whole oil GC/FID results (**Figure 1**), the PIANO histogram for NAPL sample MW-151 studied exhibits a strong n-C_5 to n-C_{12+} hydrocarbon distribution in proportions characteristic of automotive gasoline.

Specifically, the dominant gasoline present in the NAPL sample MW-151 exhibits refining-based parameters characteristic of modern, complex gasoline. NAPL sample MW-151 contains gasoline that was blended with alkylate—a refinery blending stock that contains predominately isooctane and related trimethylpentane isomers. This blend stock is found in many modern post-leaded gasoline era formulations. The isooctane concentration in the NAPL sample was 23,100 ppm, which is a relatively

[3] These percentages were calculated by manual range integrations of the sample's chromatogram splitting up the proportions of gasoline-range and diesel-range hydrocarbons. There is some overlap in the carbon ranges of the gasoline and the diesel fuel that occurs in the C_9-C_{12} range. In order to account for this overlap in carbon range ERM NewFields performed the integrations for the gasoline range out to C_{10} and adjusted similarly for the diesel range, therefore the apportionment should be considered as a reasonable estimate of true composition.

significant isooctane concentration present in the NAPL. The unweathered, regular grade gasoline reference sample contained isooctane at 40,400 ppm (included in **Figure 2)**.

With respect to oxygenated additives, NAPL sample MW-151 showed no detectable levels of oxygenates (such as TBA, MTBE, DIPE, ETBE, and TAME) when analyzed using both the PIANO modified 8260M method and the standard 8260 method. This is not surprising given the overall lack of these compounds' use since MTBE was banned in U.S. gasolines (effectively) in the Spring of 2006, or earlier in some states (and also oxygenates' propensity to partition from NAPL or soil into groundwater). Despite the effective or actual bans on MTBE nearly 20 or more years ago, the incidental occurrence of trace concentrations of MTBE, DIPE, and/or TAME in post-ban gasolines is not unexpected due to these ethers' continuing production in the U.S. (mostly for export).[4]

Weathering Features of the Automotive Gasoline in the MW-151 NAPL Sample Studied

The two major weathering processes that can affect the composition of fugitive gasoline in the subsurface are evaporation and water washing. The PIANO data collected indicates that the gasoline present in the MW-151 NAPL sample discussed above has not undergone significant evaporative weathering (**Figure 1 and Table 4**). The most volatile chemical measured in the PIANO analysis, isopentane, was present but reduced, with a concentration of 12,500 ppm. Three metrics reflecting the degrees of evaporation affecting the sample studied (**Table 4**) indicate that the gasoline component is moderately evaporated.

The gasoline fraction of MW-151 NAPL appears to have undergone mild water washing, whereupon water soluble chemicals partition from NAPL into groundwater or vadose zone residual water. The most water-soluble hydrocarbon in gasoline, benzene, was detected at 5,960 ppm in the PIANO 8260M VOC data. Since 2011, gasolines sold in the U.S. must meet an annual average benzene concentration, which (in practice) translates to the typical presence of ~10,000 ppm (~1.0 wt%) in modern gasolines. Thus, the relatively high concentration of benzene present is consistent with only mildly water washed modern gasoline. Three metrics reflecting the water washing affecting the NAPL sample studied are given in **Table 4**.

Fresh gasoline contains abundant benzene and toluene relative to ethylbenzene and xylenes. Benzene and toluene preferentially dissolve from NAPL into groundwater, leading to diminishing values for the ratio of B+T/E+X as gasoline weathers. Kaplan (1997) reports ratio values between 0.64 and 1.13 for fresh, unleaded gasoline. ERM Newfield's research library of dispensed gasoline fuels shows that 90% of its 100 samples have B+T/E+X that fall between 0.6 and 1.5, with a median value of 0.9. The B+T/E+X ratio for the MW-151 NAPL sample analyzed herein found a value of .94, exhibiting a fairly unweathered gasoline component.

It is also evident that the more weather resistant naphthenic compounds (such as methyl cyclopentane, cyclohexane and methylcyclohexane) are more distinct in the NAPL sample (**Figure 2**) relative to other more soluble aromatic compounds such as benzene, toluene and xylenes. These observations assist in the confirmation of a possible mixture of both a weathered older possibly leaded automotive gasoline along with a more modern alkylate dominant automotive gasoline. This possibility, along with contribution of these compounds from the comingled dominant middle distillate present in the NAPL sample, is noted. The MW-151 NAPL volatiles compound distribution has many similarities to the Diesel Fuel Laboratory Reference Sample also provided in **Figure 2** for visual comparison and discussed further below. The enhanced The increased proportions of isoparaffins (methyl-pentanes and hexanes) also contribute to a distinctive profile that influences multiple gasoline characteristics at this well location.

[4] Stout, S.A. and Healey, E. (2023) Incidental occurrence of MTBE and other oxygenates in U.S. gasolines after State-level bans, 2004-2020. Environ. Forensics 25(3): 150-164.

Detailed Character of the Distillate Component in the MW-151 NAPL Sample

The middle distillate component present in the MW-151 NAPL was revealed by the distinct unresolved complex mixture (UCM or gas chromatographic "hump") that elutes between the C_9-C_{26+} range (**Figure 1**). The UCM is a common feature of distilled petroleum and arises from the co-elution of hundreds of compounds that cannot be resolved by conventional GC. The resolved peaks atop the UCM of chromatogram include numerous alkylated naphthalenes and isoprenoids, the latter including pristane (Pr) and phytane (Ph). What is absent in MW-151 NAPL is the regular series of prominent resolved peaks, which are the straight chain n-alkanes that dominate the chromatograms of unweathered middle distillates, such as the examples that appear in **Figure 1**.

Weathering Features of the Distillate Component for MW-151 NAPL Sample

The relative degree of weathering of the middle distillate component present was evaluated using the weathering-sensitive diagnostic ratios of n-C_{17}/pristane and n-C_{18}/phytane determined from the manual integrations of each. The n-alkanes n-C_{17} and n-C_{18} are long-recognized to be much more susceptible to biodegradation than the branched chain iso-alkanes pristane and phytane. Thus, the ratios of n-C_{17}/pristane versus n-C_{18}/phytane decrease with increasing degree of biodegradative weathering. Ratios near or above 2 are generally consistent with unweathered distillate fuels; ratios of zero represent severely weathered fuel; intermediate values represent intermediate degrees of weathering.

The middle distillate present in NAPL sample MW-151 exhibited values of n-C_{17}/pristane at 0.34 and n-C_{18}/phytane at 0.32, indicating that severe degrees of weathering have taken place.

Conclusions

The recent chemical fingerprinting conducted on the MW-151 non-aqueous phase liquid (NAPL) sample collected from the HF Sinclair property, located in Artesia, New Mexico, allows for the following conclusions:

- The MW-151 NAPL sample contained a mixture of automotive gasoline and middle distillate fuel.
- NAPL sample MW-151 is relatively equal with proportions of gasoline (53%) and middle distillate (47%). No heavier range petroleum is present in the NAPL sample.
- The dominant gasoline component present exhibited blending characteristics consistent with modern, complex (alkylated) gasoline. A minor secondary leaded or unleaded gasoline component may also be contributing to the gas range component present.
- Multiple metrics reflecting refining characteristics indicate the comingling of fuels onsite makes comparing the type/blend of unleaded gasoline present difficult.
- The middle distillate present in NAPL sample MW-151 has been impacted by severe degrees of weathering.
- Organic Lead and PAH analysis was not requested for this NAPL sample.

If you have any questions regarding this report, please do not hesitate to call me at (781) 681-5040.

Sincerely,

Ted Healey
Principal Consultant
Environmental Scientist

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Table 1. Sample Details

Client ID	Alpha ID	Matrix	Date Collected	Date Received	Dual Whole Oil Fingerprint (8015M/8270M) GC/FID/MS	PIANO Volatiles (8260M)	Standard Volatiles (8260)	Specific Gravity (ASTM D4052)
MW-151	L2600217-01D	NAPL	12/29/2025	1/5/2026	X	X	X	X

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Table 2. PIANO 'Volatiles Target Analyte List.

Abbr.	Analytes	Abbr.	Analytes
IP	Isopentane	C8	Octane
1P	1-Pentene	12DBE	1,2-Dibromoethane
2M1B	2-Methyl-1-butene	EB	Ethylbenzene
C5	Pentane	2ETHIO	2-Ethylthiophene
T2P	2-Pentene (trans)	MPX	p/m-Xylene
C2P	2-Pentene (cis)	1N	1-Nonene
TBA	Tertiary butanol	C9	Nonane
CYP	Cyclopentane	STY	Styrene
23DMB	2,3-Dimethylbutane	OX	o-Xylene
2MP	2-Methylpentane	IPB	Isopropylbenzene
MTBE	MTBE	PROPB	n-Propylbenzene
3MP	3-Methylpentane	1M3EB	1-Methyl-3-ethylbenzene
1HEX	1-Hexene	1M4EB	1-Methyl-4-ethylbenzene
C6	Hexane	135TMB	1,3,5-Trimethylbenzene
DIPE	Diisopropyl Ether	1D	1-Decene
ETBE	Ethyl Tertiary Butyl Ether	1M2EB	1-Methyl-2-ethylbenzene
22DMP	2,2-Dimethylpentane	C10	Decane
MCYP	Methylcyclopentane	124TMB	1,2,4-Trimethylbenzene
24DMP	2,4-Dimethylpentane	SECBUT	sec-Butylbenzene
12DCA	1,2-Dichloroethane	1M3IPB	1-Methyl-3-isopropylbenzene
CH	Cyclohexane	1M4IPB	1-Methyl-4-isopropylbenzene
2MH	2-Methylhexane	1M2IPB	1-Methyl-2-isopropylbenzene
B	Benzene	IN	Indan
23DMP	2,3-Dimethylpentane	1M3PB	1-Methyl-3-propylbenzene
THIO	Thiophene	1M4PB	1-Methyl-4-propylbenzene
3MH	3-Methylhexane	BUTB	n-Butylbenzene
TAME	TAME	12DM4EB	1,2-Dimethyl-4-ethylbenzene
1H	1-Heptene/1,2-DMCP (trans)	12DEB	1,2-Diethylbenzene
ISO	Isooctane	1M2PB	1-Methyl-2-propylbenzene
C7	Heptane	14DM2EB	1,4-Dimethyl-2-ethylbenzene
MCYH	Methylcyclohexane	C11	Undecane
25DMH	2,5-Dimethylhexane	13DM4EB	1,3-Dimethyl-4-ethylbenzene
24DMH	2,4-Dimethylhexane	13DM5EB	1,3-Dimethyl-5-ethylbenzene
223TMP	2,2,3-Trimethylpentane	13DM2EB	1,3-Dimethyl-2-ethylbenzene
234TMP	2,3,4-Trimethylpentane	12DM3EB	1,2-Dimethyl-3-ethylbenzene
233TMP	2,3,3-Trimethylpentane	1245TMP	1,2,4,5-Tetramethylbenzene
23DMH	2,3-Dimethylhexane	PENTB	Pentylbenzene
3EH	3-Ethylhexane	C12	Dodecane
2MHEP	2-Methylheptane	N0	Naphthalene
3MHEP	3-Methylheptane	BT0	Benzothiophene
T	Toluene	MMT	MMT
2MTHIO	2-Methylthiophene	C13	Tridecane
3MTHIO	3-Methylthiophene	2MN	2-Methylnaphthalene
1O	1-Octene	1MN	1-Methylnaphthalene

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Table 3. Standard Volatiles Target Analyte List.

Abbr.	Analytes	Abbr.	Analytes
DCM	METHYLENE CHLORIDE	13DCB	1,3-DICHLOROBENZENE
11DCA	1,1-DICHLOROETHANE	14DCB	1,4-DICHLOROBENZENE
CF	CHLOROFORM	MTBE	METHYL TERT BUTYL ETHER
CT	CARBON TETRACHLORIDE	MPX	P/M-XYLENE
12DCP	1,2-DICHLOROPROPANE	OX	O-XYLENE
DBCM	DIBROMOCHLOROMETHANE	C12DCE	CIS-1,2-DICHLOROETHENE
112TCA	1,1,2-TRICHLOROETHANE	123TCP	1,2,3-TRICHLOROPROPANE
PCE	TETRACHLOROETHENE	STY	STYRENE
CB	CHLOROBENZENE	DCFM	DICHLORODIFLUOROMETHANE
TCTFM	TRICHLOROFLUOROMETHANE	ACE	ACETONE
12DCA	1,2-DICHLOROETHANE	MEK	2-BUTANONE
111TCA	1,1,1-TRICHLOROETHANE	MIBK	4-METHYL-2-PENTANONE
BDCM	BROMODICHLOROMETHANE	THF	TETRAHYDROFURAN
T13DCP	TRANS-1,3-DICHLOROPROPENE	12DBE	1,2-DIBROMOETHANE
C13DCP	CIS-1,3-DICHLOROPROPENE	1112PCA	1,1,1,2-TETRACHLOROETHANE
BF	BROMOFORM	BUTB	N-BUTYLBENZENE
1122PCA	1,1,2,2-TETRACHLOROETHANE	TBB	TERT-BUTYLBENZENE
B	BENZENE	2CT	O-CHLOROTOLUENE
T	TOLUENE	HCB	HEXACHLOROBUTADIENE
EB	ETHYLBENZENE	IPB	ISOPROPYLBENZENE
BM	BROMOMETHANE		P-ISOPROPYLTOLUENE
VC	VINYL CHLORIDE	N0	NAPHTHALENE
CE	CHLOROETHANE	PROPB	N-PROPYLBENZENE
11DCE	1,1-DICHLOROETHENE	124TCB	1,2,4-TRICHLOROBENZENE
T12DCE	TRANS-1,2-DICHLOROETHENE	135TMB	1,3,5-TRIMETHYLBENZENE
TCE	TRICHLOROETHENE	124TMB	1,2,4-TRIMETHYLBENZENE
12DCB	1,2-DICHLOROBENZENE	DIE	ETHYL ETHER

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Table 4. Sample Bulk Measurements

Client ID:	MW-151
Alpha/Pace ID:	L2600217-01D
Bulk Measurement	
% Gasoline	53
% Distillate	47
Middle Distillate Weathering	
c17/pr	0.34
c18/ph	0.32
Isopentane	12,500
MTBE	ND
Benzene	5,960
Toluene	145
Ethyl-Benzene	15,300
m/p-Xylene	12,000
o-Xylene	505
Iso-octane	23,100
PIANO Volatiles	
Total VOCs (ppm)	504,698
Gasoline Parameters	
%Paraffins	22.18
%Isoparaffins	39.55
%Aromatics	25.75
%Naphthenes	12.36
%Olefins	0.10
%Oxygenates	0.00
Diagnositc Ratios	
Isomerate Character	
iC5/(iC5+nC5)	61
2mP/(2mP+3mP)	52
dmB/(dmB+mPs)	12
Alkylate Character	
TMP Ratio	56
DMP/TMP	37
DMH/TMP	34
24DMP/23DMP	49
Reformate Character	
135M/124M	0.36
14M2E/12M4E	0.90
1M2P/12M4E	0.52
1M2E/1M3E	1.08
1M3E/1M4E	0.58
1M3P/1M4P	1.67
WEATHERING CHARACTERISTICS OF GASOLINE	
Evaporation A - nC7/(nC5+nC7)	67
Evaporation B - 2mH/(2mP+2mH)	31
Evapoartion C - %nC8+	34
Water-washing A - CH/(CH+B)	73
Water-washing B - MCH/(MCH+T)	99
Water-washing C - (E+X)/(BTEX)	82
Biodegradation A - 3mH/(3mH+nC7)	51
Biodegradation B - TMPs(TMPs+nC7+nC8)	57

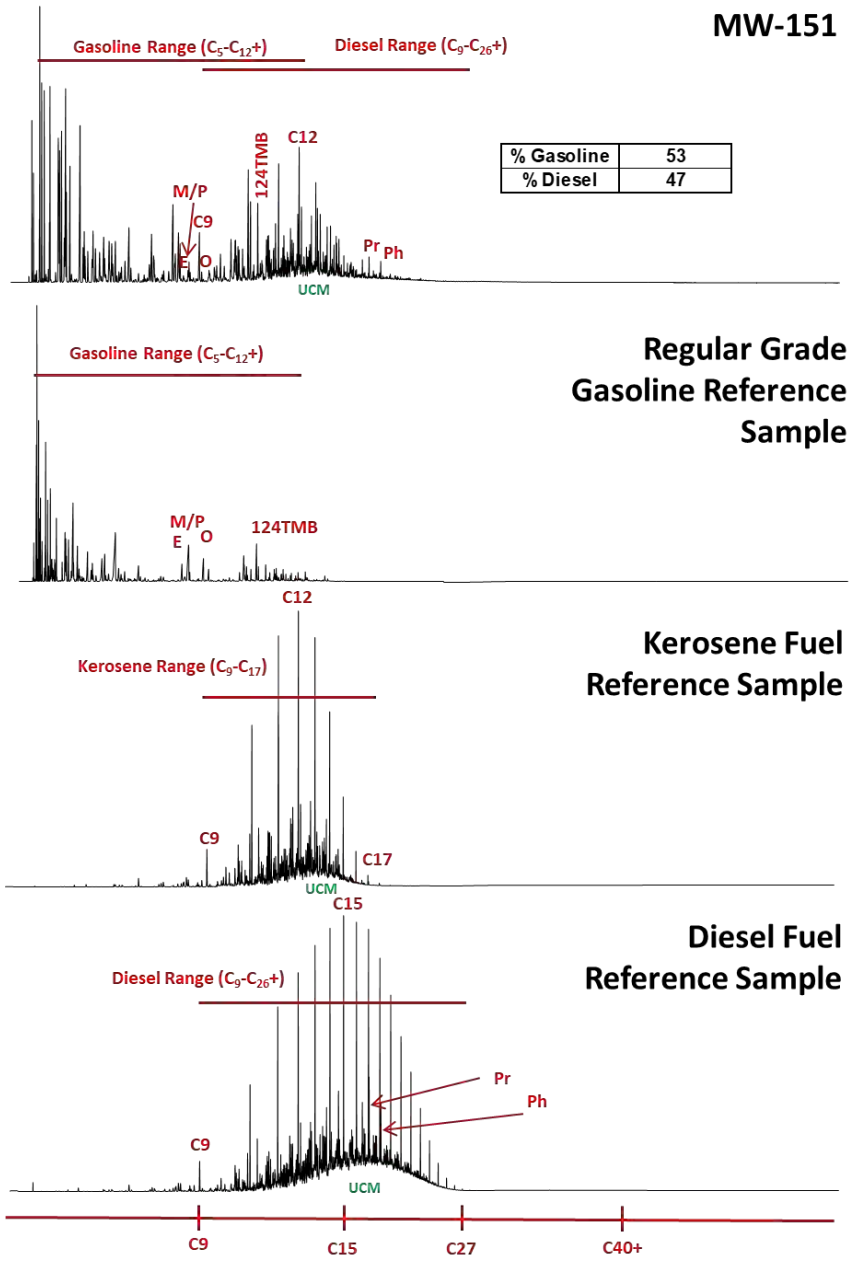

Figure 1. GC/FID Chromatograms of the MW-151 NAPL along with Gasoline and Diesel Laboratory Reference Samples
UCM-Unresolved Complex Mixture

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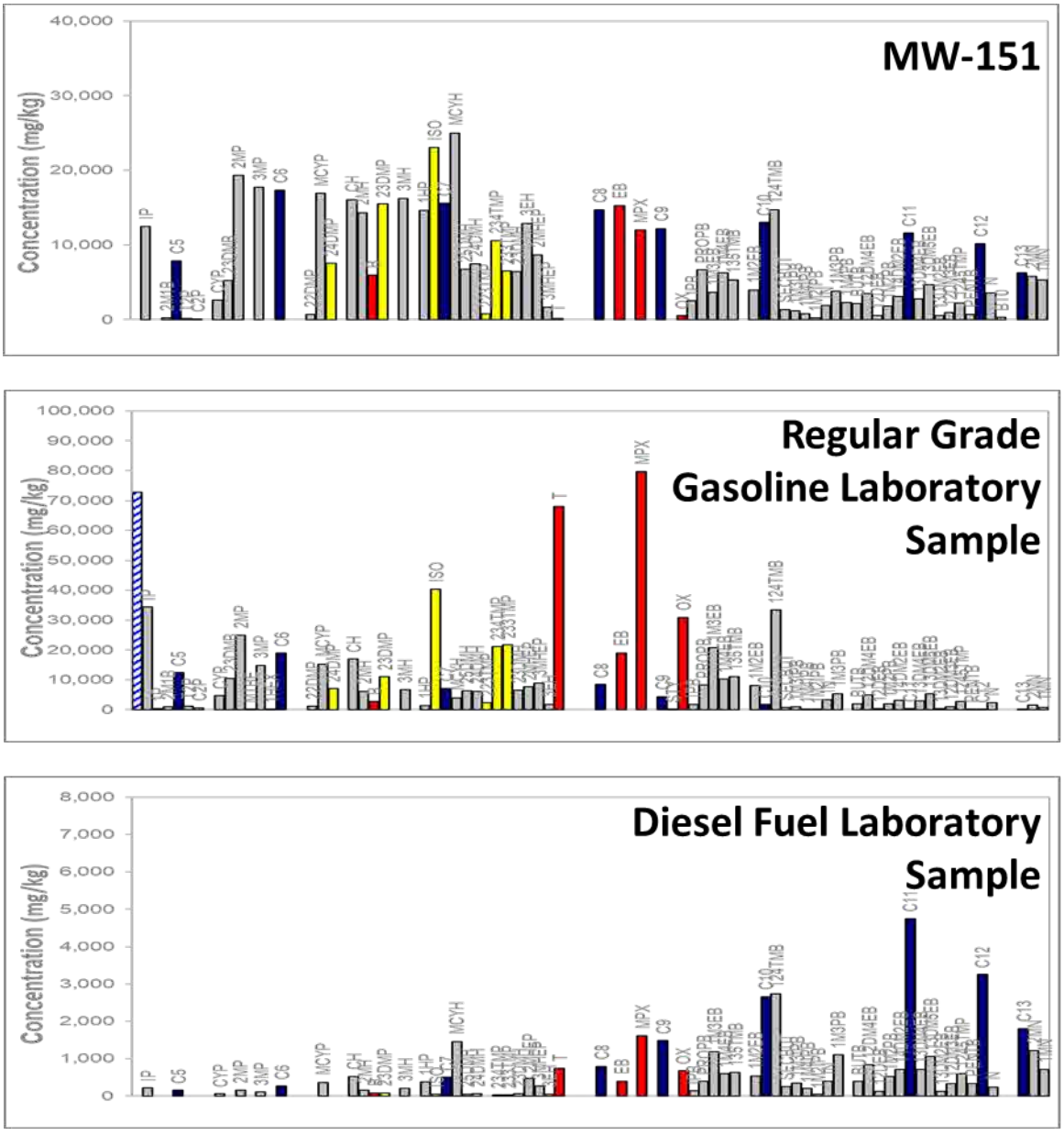

Figure 2. PIANO Volatiles Histograms of the MW-151 NAPL along with Gasoline and Diesel Laboratory Reference Samples.

Attachment

ANALYTICAL REPORT

Lab Number:	L2600217
Client:	NewFields 300 Ledgewood Place Suite 205 Rockland, MA 02370
ATTN:	Ted Healey
Phone:	(781) 264-4950
Project Name:	HFSNR-ARTESIA - PSH ANALYSIS
Project Number:	000646047.0000.0000
Report Date:	01/26/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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Released to Imaging: 6/26/2026 3:07:01 PM

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2600217-01	MW-151	OIL	ROSWELL, NM	12/29/25 11:45	01/05/26

Released to Imaging: 6/26/2026 3:07:01 PM

Project Name:	HFSNR-ARTESIA - PSH ANALYSIS	**Lab Number:**	L2600217
Project Number:	000646047.0000.0000	**Report Date:**	01/26/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: HFSNR-ARTESIA - PSH ANALYSIS **Lab Number:** L2600217
Project Number: 000646047.0000.0000 **Report Date:** 01/26/26

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2600217-01D and -01D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2600217-01D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

The WG2164913-5 LD7 recovery associated with L2600217-01D is above the individual acceptance criteria for isopentane (136%). The results of the associated samples are reported; however, all positive detects for these compounds are considered to have a potentially high bias.

WG2164913-8D and -8D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

WG2164913-8D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

The WG2168980-3 LCS recovery associated with L2600217-01D is below the individual acceptance criteria for 1,2-dibromo-3-chloropropane (67%), but within the overall method allowances. The results of the associated samples are reported; however, all results for these compounds are considered to have a potentially low bias.

The WG2168980-6 Laboratory Duplicate RPDs performed on L2600217-01 are outside the acceptance criteria for isopropylbenzene (32%) and p-isopropyltoluene (31%) due to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Susan E O'Neil Susan O' Neil

Title: Technical Director/Representative Date: 01/26/26

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ORGANICS

VOLATILES

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Lab Number: L2600217
Project Number: 000646047.0000.0000
Report Date: 01/26/26

SAMPLE RESULTS

Lab ID: L2600217-01 D2
Client ID: MW-151
Sample Location: ROSWELL, NM
Date Collected: 12/29/25 11:45
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Analytical Method: 1,8260D(M)
Analytical Date: 01/22/26 11:14
Analyst: PWS
Percent Solids: Results Reported on an "AS RECEIVED" basis

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PIANO Volatile Organics by GC/MS - Mansfield Lab						
2-Methylpentane	19300		mg/kg	947	257.	100
Methylcyclopentane	16900		mg/kg	947	127.	100
Cyclohexane	16100		mg/kg	947	117.	100
3-Methylhexane	16200		mg/kg	947	152.	100
Isooctane	23100		mg/kg	947	103.	100
Heptane	15600		mg/kg	947	165.	100
Methylcyclohexane	25000		mg/kg	947	128.	100
Ethylbenzene	15300		mg/kg	947	102.	100
1,2,4-Trimethylbenzene	14700		mg/kg	947	98.0	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Dibromofluoromethane	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Lab Number: L2600217
Project Number: 000646047.0000.0000
Report Date: 01/26/26

SAMPLE RESULTS

Lab ID: L2600217-01 D
Client ID: MW-151
Sample Location: ROSWELL, NM
Date Collected: 12/29/25 11:45
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Analytical Method: 1,8260D
Analytical Date: 01/24/26 21:50
Analyst: JIC
Percent Solids: Results Reported on an "AS RECEIVED" basis

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	250000	110000	100
1,1-Dichloroethane	ND		ug/kg	50000	7200	100
Chloroform	ND		ug/kg	74000	6900	100
Carbon tetrachloride	ND		ug/kg	50000	11000	100
1,2-Dichloropropane	ND		ug/kg	50000	6200	100
Dibromochloromethane	ND		ug/kg	50000	6900	100
1,1,2-Trichloroethane	ND		ug/kg	50000	13000	100
Tetrachloroethene	ND		ug/kg	25000	9700	100
Chlorobenzene	ND		ug/kg	25000	6300	100
Trichlorofluoromethane	ND		ug/kg	200000	34000	100
1,2-Dichloroethane	ND		ug/kg	50000	13000	100
1,1,1-Trichloroethane	ND		ug/kg	25000	8300	100
Bromodichloromethane	ND		ug/kg	25000	5400	100
trans-1,3-Dichloropropene	ND		ug/kg	50000	14000	100
cis-1,3-Dichloropropene	ND		ug/kg	25000	7800	100
1,3-Dichloropropene, Total	ND		ug/kg	25000	7800	100
1,1-Dichloropropene	ND		ug/kg	25000	7900	100
Bromoform	ND		ug/kg	200000	12000	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	25000	8200	100
Benzene	5300000		ug/kg	25000	8200	100
Toluene	90000		ug/kg	50000	27000	100
Ethylbenzene	14000000		ug/kg	50000	7000	100
Chloromethane	ND		ug/kg	200000	46000	100
Bromomethane	ND		ug/kg	99000	29000	100
Vinyl chloride	ND		ug/kg	50000	16000	100
Chloroethane	ND		ug/kg	99000	22000	100
1,1-Dichloroethene	ND		ug/kg	50000	12000	100
trans-1,2-Dichloroethene	ND		ug/kg	74000	6800	100

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Lab Number: L2600217
Project Number: 000646047.0000.0000
Report Date: 01/26/26

SAMPLE RESULTS

Lab ID: L2600217-01 D
Client ID: MW-151
Sample Location: ROSWELL, NM
Date Collected: 12/29/25 11:45
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	25000	6800	100
1,2-Dichlorobenzene	ND		ug/kg	99000	7100	100
1,3-Dichlorobenzene	ND		ug/kg	99000	7300	100
1,4-Dichlorobenzene	ND		ug/kg	99000	8500	100
Methyl tert butyl ether	ND		ug/kg	99000	10000	100
p/m-Xylene	8300000		ug/kg	99000	28000	100
o-Xylene	390000		ug/kg	50000	14000	100
Xylenes, Total	8700000		ug/kg	50000	14000	100
cis-1,2-Dichloroethene	ND		ug/kg	50000	8700	100
1,2-Dichloroethene, Total	ND		ug/kg	50000	6800	100
Dibromomethane	ND		ug/kg	99000	12000	100
1,4-Dichlorobutane	ND		ug/kg	500000	11000	100
1,2,3-Trichloropropane	ND		ug/kg	99000	6300	100
Styrene	ND		ug/kg	50000	9700	100
Dichlorodifluoromethane	ND		ug/kg	500000	45000	100
Acetone	ND		ug/kg	1200000	500000	100
Carbon disulfide	ND		ug/kg	500000	220000	100
2-Butanone	ND		ug/kg	500000	110000	100
Vinyl acetate	ND		ug/kg	500000	110000	100
4-Methyl-2-pentanone	ND		ug/kg	500000	63000	100
2-Hexanone	ND		ug/kg	500000	58000	100
Ethyl methacrylate	ND		ug/kg	500000	78000	100
Acrylonitrile	ND		ug/kg	200000	57000	100
Bromochloromethane	ND		ug/kg	99000	10000	100
Tetrahydrofuran	ND		ug/kg	200000	79000	100
2,2-Dichloropropane	ND		ug/kg	99000	10000	100
1,2-Dibromoethane	ND		ug/kg	50000	14000	100
1,3-Dichloropropane	ND		ug/kg	99000	8300	100
1,1,1,2-Tetrachloroethane	ND		ug/kg	25000	6500	100
Bromobenzene	ND		ug/kg	99000	7200	100
n-Butylbenzene	1500000		ug/kg	50000	8300	100
sec-Butylbenzene	980000		ug/kg	50000	7200	100
tert-Butylbenzene	ND		ug/kg	99000	5800	100
o-Chlorotoluene	ND		ug/kg	99000	9400	100
p-Chlorotoluene	ND		ug/kg	99000	5300	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	150000	49000	100
Hexachlorobutadiene	ND		ug/kg	200000	8400	100

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Lab Number: L2600217
Project Number: 000646047.0000.0000
Report Date: 01/26/26

SAMPLE RESULTS

Lab ID: L2600217-01 D
Client ID: MW-151
Sample Location: ROSWELL, NM
Date Collected: 12/29/25 11:45
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	1800000		ug/kg	50000	5400	100
p-Isopropyltoluene	440000		ug/kg	50000	5400	100
Naphthalene	2900000		ug/kg	200000	32000	100
n-Propylbenzene	4300000		ug/kg	50000	8500	100
1,2,3-Trichlorobenzene	ND		ug/kg	99000	16000	100
1,2,4-Trichlorobenzene	ND		ug/kg	99000	13000	100
1,3,5-Trimethylbenzene	3500000		ug/kg	99000	9600	100
1,2,4-Trimethylbenzene	14000000		ug/kg	99000	16000	100
trans-1,4-Dichloro-2-butene	ND		ug/kg	250000	70000	100
Ethyl ether	ND		ug/kg	99000	17000	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	94		70-130

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Lab Number: L2600217
Project Number: 000646047.0000.0000
Report Date: 01/26/26

SAMPLE RESULTS

Lab ID: L2600217-01 D
Client ID: MW-151
Sample Location: ROSWELL, NM
Date Collected: 12/29/25 11:45
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Analytical Method: 1,8260D(M)
Analytical Date: 01/14/26 01:16
Analyst: PWS
Percent Solids: Results Reported on an "AS RECEIVED" basis

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PIANO Volatile Organics by GC/MS - Mansfield Lab						
Isopentane	12500		mg/kg	189	34.6	20
1-Pentene	ND		mg/kg	189	34.6	20
2-Methyl-1-Butene	228		mg/kg	189	29.4	20
Pentane	7850		mg/kg	189	59.1	20
trans-2-Pentene	181	J	mg/kg	189	25.6	20
cis-2-Pentene	82.8	J	mg/kg	189	30.5	20
Tertiary Butanol	ND		mg/kg	2370	767.	20
Cyclopentane	2590		mg/kg	189	49.1	20
2,3-Dimethylbutane	5260		mg/kg	189	78.2	20
2-Methylpentane	21900	E	mg/kg	189	51.3	20
Methyl tert butyl ether	ND		mg/kg	189	39.0	20
3-Methylpentane	17700		mg/kg	189	30.0	20
1-Hexene	ND		mg/kg	189	26.6	20
n-Hexane	17300		mg/kg	473	31.2	20
Isopropyl Ether	ND		mg/kg	189	22.9	20
Ethyl-Tert-Butyl-Ether	ND		mg/kg	189	28.7	20
2,2-Dimethylpentane	725		mg/kg	189	25.5	20
Methylcyclopentane	20000	E	mg/kg	189	25.4	20
2,4-Dimethylpentane	7560		mg/kg	189	23.4	20
1,2-Dichloroethane	ND		mg/kg	189	27.9	20
Cyclohexane	19400	E	mg/kg	189	23.4	20
2-Methylhexane	14300		mg/kg	189	44.1	20
Benzene	5960		mg/kg	189	28.9	20
2,3-Dimethylpentane	15500		mg/kg	189	25.1	20
Thiophene	ND		mg/kg	189	26.9	20
3-Methylhexane	19100	E	mg/kg	189	30.3	20
Tertiary-Amyl Methyl Ether	ND		mg/kg	189	23.3	20
1-Heptene/1,2-DMCP (trans)	14600		mg/kg	379	55.4	20

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Lab Number: L2600217
Project Number: 000646047.0000.0000
Report Date: 01/26/26

SAMPLE RESULTS

Lab ID: L2600217-01 D
Client ID: MW-151
Sample Location: ROSWELL, NM
Date Collected: 12/29/25 11:45
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PIANO Volatile Organics by GC/MS - Mansfield Lab						
Isooctane	25400	E	mg/kg	189	20.6	20
Heptane	18700	E	mg/kg	189	33.0	20
Methylcyclohexane	30000	E	mg/kg	189	25.6	20
2,5-Dimethylhexane	6760		mg/kg	189	33.0	20
2,4-Dimethylhexane	7460		mg/kg	189	23.0	20
2,2,3-Trimethylpentane	768		mg/kg	189	32.8	20
2,3,4-Trimethylpentane	10600		mg/kg	189	24.7	20
2,3,3-Trimethylpentane	6480		mg/kg	189	37.6	20
2,3-Dimethylhexane	6420		mg/kg	189	45.9	20
2-Methylheptane	12900		mg/kg	189	43.8	20
3-Methylheptane	8670		mg/kg	189	27.0	20
3-Ethylhexane	1650		mg/kg	189	33.9	20
Toluene	145	J	mg/kg	189	25.7	20
2-Methylthiophene	ND		mg/kg	189	16.1	20
3-Methylthiophene	ND		mg/kg	189	22.2	20
1-Octene	ND		mg/kg	473	29.1	20
Octane	14700		mg/kg	189	22.2	20
1,2-Dibromoethane	ND		mg/kg	189	30.3	20
Ethylbenzene	20100	E	mg/kg	189	20.4	20
2-Ethylthiophene	ND		mg/kg	189	20.7	20
p/m-Xylene	12000		mg/kg	379	36.1	20
1-Nonene	ND		mg/kg	473	25.6	20
Nonane (C9)	12200		mg/kg	189	29.4	20
Styrene	ND		mg/kg	189	19.1	20
o-Xylene	505		mg/kg	189	19.8	20
Isopropylbenzene	2540		mg/kg	189	31.6	20
n-Propylbenzene	6660		mg/kg	189	16.8	20
1-Methyl-3-Ethylbenzene	3650		mg/kg	189	29.9	20
1-Methyl-4-Ethylbenzene	6270		mg/kg	189	26.7	20
1,3,5-Trimethylbenzene	5340		mg/kg	189	21.8	20
1-Decene	ND		mg/kg	189	24.6	20
1-Methyl-2-Ethylbenzene	3940		mg/kg	189	16.1	20
Decane (C10)	13000		mg/kg	189	25.7	20
1,2,4-Trimethylbenzene	20100	E	mg/kg	189	19.6	20
sec-Butylbenzene	1380		mg/kg	189	24.5	20
1-Methyl-3-Isopropylbenzene	1210		mg/kg	189	24.4	20
1-Methyl-4-Isopropylbenzene	808		mg/kg	189	20.1	20

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Lab Number: L2600217
Project Number: 000646047.0000.0000
Report Date: 01/26/26

SAMPLE RESULTS

Lab ID: L2600217-01 D
Client ID: MW-151
Sample Location: ROSWELL, NM
Date Collected: 12/29/25 11:45
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PIANO Volatile Organics by GC/MS - Mansfield Lab						
1-Methyl-2-Isopropylbenzene	200		mg/kg	189	20.5	20
Indane	1870		mg/kg	189	11.6	20
1-Methyl-3-N-Propylbenzene	3780		mg/kg	189	19.1	20
1-Methyl-4-N-Propylbenzene	2270		mg/kg	189	23.7	20
n-Butylbenzene	2140		mg/kg	189	18.6	20
1,2-Dimethyl-4-Ethylbenzene	3460		mg/kg	189	23.2	20
1,2-Diethylbenzene	537		mg/kg	189	28.0	20
1-Methyl-2-N-Propylbenzene	1810		mg/kg	189	23.6	20
1,4-Dimethyl-2-Ethylbenzene	3100		mg/kg	189	17.7	20
Undecane	11600		mg/kg	189	21.0	20
1,3-Dimethyl-4-Ethylbenzene	2800		mg/kg	189	18.4	20
1,3-Dimethyl-5-Ethylbenzene	4720		mg/kg	189	22.3	20
1,3-Dimethyl-2-Ethylbenzene	541		mg/kg	189	14.1	20
1,2-Dimethyl-3-Ethylbenzene	948		mg/kg	189	12.0	20
1,2,4,5-Tetramethylbenzene	2240		mg/kg	189	14.7	20
N-Pentylbenzene	717		mg/kg	189	23.6	20
Dodecane (C12)	10200		mg/kg	473	62.2	20
Naphthalene	3540		mg/kg	189	79.1	20
Benzothiophene	282		mg/kg	189	100.	20
MMT	ND		mg/kg	473	122.	20
Tridecane	6240		mg/kg	473	132.	20
2-Methylnaphthalene	5790		mg/kg	473	125.	20
1-Methylnaphthalene	5320		mg/kg	473	139.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Dibromofluoromethane	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D(M)
Analytical Date: 01/19/26 14:30
Analyst: PWS

Parameter	Result	Qualifier	Units	RL	MDL
PIANO Volatile Organics by GC/MS - Mansfield Lab for sample(s): 01 Batch: WG2164913-18					
Isopentane	4.65	J	mg/kg	10.0	1.83
1-Pentene	ND		mg/kg	10.0	1.82
2-Methyl-1-Butene	ND		mg/kg	10.0	1.56
Pentane	3.24	J	mg/kg	10.0	3.12
trans-2-Pentene	ND		mg/kg	10.0	1.35
cis-2-Pentene	ND		mg/kg	10.0	1.61
Tertiary Butanol	ND		mg/kg	125	40.5
Cyclopentane	ND		mg/kg	10.0	2.60
2,3-Dimethylbutane	ND		mg/kg	10.0	4.13
2-Methylpentane	ND		mg/kg	10.0	2.71
Methyl tert butyl ether	ND		mg/kg	10.0	2.06
3-Methylpentane	ND		mg/kg	10.0	1.58
1-Hexene	ND		mg/kg	10.0	1.40
n-Hexane	ND		mg/kg	25.0	1.64
Isopropyl Ether	ND		mg/kg	10.0	1.21
Ethyl-Tert-Butyl-Ether	ND		mg/kg	10.0	1.52
2,2-Dimethylpentane	ND		mg/kg	10.0	1.34
Methylcyclopentane	ND		mg/kg	10.0	1.34
2,4-Dimethylpentane	ND		mg/kg	10.0	1.24
1,2-Dichloroethane	ND		mg/kg	10.0	1.48
Cyclohexane	ND		mg/kg	10.0	1.24
2-Methylhexane	ND		mg/kg	10.0	2.33
Benzene	ND		mg/kg	10.0	1.52
2,3-Dimethylpentane	ND		mg/kg	10.0	1.32

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D(M)
Analytical Date: 01/19/26 14:30
Analyst: PWS

Parameter	Result	Qualifier	Units	RL	MDL
PIANO Volatile Organics by GC/MS - Mansfield Lab for sample(s): 01 Batch: WG2164913-18					
Thiophene	ND		mg/kg	10.0	1.42
3-Methylhexane	ND		mg/kg	10.0	1.60
Tertiary-Amyl Methyl Ether	ND		mg/kg	10.0	1.23
1-Heptene/1,2-DMCP (trans)	ND		mg/kg	20.0	2.92
Isooctane	ND		mg/kg	10.0	1.09
Heptane	ND		mg/kg	10.0	1.74
Methylcyclohexane	ND		mg/kg	10.0	1.35
2,5-Dimethylhexane	ND		mg/kg	10.0	1.74
2,4-Dimethylhexane	ND		mg/kg	10.0	1.22
2,2,3-Trimethylpentane	ND		mg/kg	10.0	1.74
2,3,4-Trimethylpentane	ND		mg/kg	10.0	1.30
2,3,3-Trimethylpentane	ND		mg/kg	10.0	1.98
2,3-Dimethylhexane	ND		mg/kg	10.0	2.42
2-Methylheptane	ND		mg/kg	10.0	2.32
3-Methylheptane	ND		mg/kg	10.0	1.42
3-Ethylhexane	ND		mg/kg	10.0	1.79
Toluene	0.615	J	mg/kg	10.0	1.36
2-Methylthiophene	ND		mg/kg	10.0	0.850
3-Methylthiophene	ND		mg/kg	10.0	1.17
1-Octene	ND		mg/kg	25.0	1.54
Octane	ND		mg/kg	10.0	1.18
1,2-Dibromoethane	ND		mg/kg	10.0	1.60
Ethylbenzene	ND		mg/kg	10.0	1.08
2-Ethylthiophene	ND		mg/kg	10.0	1.10

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D(M)
Analytical Date: 01/19/26 14:30
Analyst: PWS

Parameter	Result	Qualifier	Units	RL	MDL
PIANO Volatile Organics by GC/MS - Mansfield Lab for sample(s): 01 Batch: WG2164913-18					
p/m-Xylene	ND		mg/kg	20.0	1.90
1-Nonene	ND		mg/kg	25.0	1.35
Nonane (C9)	ND		mg/kg	10.0	1.56
Styrene	ND		mg/kg	10.0	1.01
o-Xylene	ND		mg/kg	10.0	1.04
Isopropylbenzene	ND		mg/kg	10.0	1.67
n-Propylbenzene	ND		mg/kg	10.0	0.885
1-Methyl-3-Ethylbenzene	ND		mg/kg	10.0	1.58
1-Methyl-4-Ethylbenzene	ND		mg/kg	10.0	1.41
1,3,5-Trimethylbenzene	ND		mg/kg	10.0	1.15
1-Decene	ND		mg/kg	10.0	1.30
1-Methyl-2-Ethylbenzene	ND		mg/kg	10.0	0.850
Decane (C10)	ND		mg/kg	10.0	1.36
1,2,4-Trimethylbenzene	ND		mg/kg	10.0	1.04
sec-Butylbenzene	ND		mg/kg	10.0	1.30
1-Methyl-3-Isopropylbenzene	ND		mg/kg	10.0	1.29
1-Methyl-4-Isopropylbenzene	ND		mg/kg	10.0	1.06
1-Methyl-2-Isopropylbenzene	ND		mg/kg	10.0	1.08
Indane	ND		mg/kg	10.0	0.615
1-Methyl-3-N-Propylbenzene	ND		mg/kg	10.0	1.01
1-Methyl-4-N-Propylbenzene	ND		mg/kg	10.0	1.25
n-Butylbenzene	ND		mg/kg	10.0	0.985
1,2-Dimethyl-4-Ethylbenzene	ND		mg/kg	10.0	1.22
1,2-Diethylbenzene	ND		mg/kg	10.0	1.48

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D(M)
Analytical Date: 01/19/26 14:30
Analyst: PWS

Parameter	Result	Qualifier	Units	RL	MDL
PIANO Volatile Organics by GC/MS - Mansfield Lab for sample(s): 01 Batch: WG2164913-18					
1-Methyl-2-N-Propylbenzene	ND		mg/kg	10.0	1.24
1,4-Dimethyl-2-Ethylbenzene	ND		mg/kg	10.0	0.935
Undecane	ND		mg/kg	10.0	1.11
1,3-Dimethyl-4-Ethylbenzene	ND		mg/kg	10.0	0.970
1,3-Dimethyl-5-Ethylbenzene	ND		mg/kg	10.0	1.18
1,3-Dimethyl-2-Ethylbenzene	ND		mg/kg	10.0	0.745
1,2-Dimethyl-3-Ethylbenzene	ND		mg/kg	10.0	0.635
1,2,4,5-Tetramethylbenzene	ND		mg/kg	10.0	0.775
N-Pentylbenzene	ND		mg/kg	10.0	1.24
Dodecane (C12)	ND		mg/kg	25.0	3.28
Naphthalene	0.895	J	mg/kg	10.0	4.18
Benzothiophene	ND		mg/kg	10.0	5.30
MMT	ND		mg/kg	25.0	6.45
Tridecane	ND		mg/kg	25.0	6.95
2-Methylnaphthalene	1.33	J	mg/kg	25.0	6.60
1-Methylnaphthalene	0.765	J	mg/kg	25.0	7.35

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Dibromofluoromethane	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D(M)
Analytical Date: 01/13/26 15:28
Analyst: PWS

Parameter	Result	Qualifier	Units	RL	MDL
PIANO Volatile Organics by GC/MS - Mansfield Lab for sample(s): 01 Batch: WG2164913-6					
Isopentane	ND		mg/kg	10.0	1.83
1-Pentene	ND		mg/kg	10.0	1.82
2-Methyl-1-Butene	ND		mg/kg	10.0	1.56
Pentane	ND		mg/kg	10.0	3.12
trans-2-Pentene	ND		mg/kg	10.0	1.35
cis-2-Pentene	ND		mg/kg	10.0	1.61
Tertiary Butanol	ND		mg/kg	125	40.5
Cyclopentane	ND		mg/kg	10.0	2.60
2,3-Dimethylbutane	ND		mg/kg	10.0	4.13
2-Methylpentane	ND		mg/kg	10.0	2.71
Methyl tert butyl ether	ND		mg/kg	10.0	2.06
3-Methylpentane	ND		mg/kg	10.0	1.58
1-Hexene	ND		mg/kg	10.0	1.40
n-Hexane	ND		mg/kg	25.0	1.64
Isopropyl Ether	ND		mg/kg	10.0	1.21
Ethyl-Tert-Butyl-Ether	ND		mg/kg	10.0	1.52
2,2-Dimethylpentane	ND		mg/kg	10.0	1.34
Methylcyclopentane	ND		mg/kg	10.0	1.34
2,4-Dimethylpentane	ND		mg/kg	10.0	1.24
1,2-Dichloroethane	ND		mg/kg	10.0	1.48
Cyclohexane	ND		mg/kg	10.0	1.24
2-Methylhexane	ND		mg/kg	10.0	2.33
Benzene	ND		mg/kg	10.0	1.52
2,3-Dimethylpentane	ND		mg/kg	10.0	1.32

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D(M)
Analytical Date: 01/13/26 15:28
Analyst: PWS

Parameter	Result	Qualifier	Units	RL	MDL
PIANO Volatile Organics by GC/MS - Mansfield Lab for sample(s): 01 Batch: WG2164913-6					
Thiophene	ND		mg/kg	10.0	1.42
3-Methylhexane	ND		mg/kg	10.0	1.60
Tertiary-Amyl Methyl Ether	ND		mg/kg	10.0	1.23
1-Heptene/1,2-DMCP (trans)	ND		mg/kg	20.0	2.92
Isooctane	ND		mg/kg	10.0	1.09
Heptane	ND		mg/kg	10.0	1.74
Methylcyclohexane	ND		mg/kg	10.0	1.35
2,5-Dimethylhexane	ND		mg/kg	10.0	1.74
2,4-Dimethylhexane	ND		mg/kg	10.0	1.22
2,2,3-Trimethylpentane	ND		mg/kg	10.0	1.74
2,3,4-Trimethylpentane	ND		mg/kg	10.0	1.30
2,3,3-Trimethylpentane	ND		mg/kg	10.0	1.98
2,3-Dimethylhexane	ND		mg/kg	10.0	2.42
2-Methylheptane	ND		mg/kg	10.0	2.32
3-Methylheptane	ND		mg/kg	10.0	1.42
3-Ethylhexane	ND		mg/kg	10.0	1.79
Toluene	ND		mg/kg	10.0	1.36
2-Methylthiophene	ND		mg/kg	10.0	0.850
3-Methylthiophene	ND		mg/kg	10.0	1.17
1-Octene	ND		mg/kg	25.0	1.54
Octane	ND		mg/kg	10.0	1.18
1,2-Dibromoethane	ND		mg/kg	10.0	1.60
Ethylbenzene	ND		mg/kg	10.0	1.08
2-Ethylthiophene	ND		mg/kg	10.0	1.10

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D(M)
Analytical Date: 01/13/26 15:28
Analyst: PWS

Parameter	Result	Qualifier	Units	RL	MDL
PIANO Volatile Organics by GC/MS - Mansfield Lab for sample(s): 01 Batch: WG2164913-6					
p/m-Xylene	ND		mg/kg	20.0	1.90
1-Nonene	ND		mg/kg	25.0	1.35
Nonane (C9)	ND		mg/kg	10.0	1.56
Styrene	ND		mg/kg	10.0	1.01
o-Xylene	ND		mg/kg	10.0	1.04
Isopropylbenzene	ND		mg/kg	10.0	1.67
n-Propylbenzene	ND		mg/kg	10.0	0.885
1-Methyl-3-Ethylbenzene	ND		mg/kg	10.0	1.58
1-Methyl-4-Ethylbenzene	ND		mg/kg	10.0	1.41
1,3,5-Trimethylbenzene	ND		mg/kg	10.0	1.15
1-Decene	ND		mg/kg	10.0	1.30
1-Methyl-2-Ethylbenzene	ND		mg/kg	10.0	0.850
Decane (C10)	ND		mg/kg	10.0	1.36
1,2,4-Trimethylbenzene	ND		mg/kg	10.0	1.04
sec-Butylbenzene	ND		mg/kg	10.0	1.30
1-Methyl-3-Isopropylbenzene	ND		mg/kg	10.0	1.29
1-Methyl-4-Isopropylbenzene	ND		mg/kg	10.0	1.06
1-Methyl-2-Isopropylbenzene	ND		mg/kg	10.0	1.08
Indane	ND		mg/kg	10.0	0.615
1-Methyl-3-N-Propylbenzene	ND		mg/kg	10.0	1.01
1-Methyl-4-N-Propylbenzene	ND		mg/kg	10.0	1.25
n-Butylbenzene	ND		mg/kg	10.0	0.985
1,2-Dimethyl-4-Ethylbenzene	ND		mg/kg	10.0	1.22
1,2-Diethylbenzene	ND		mg/kg	10.0	1.48

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D(M)
Analytical Date: 01/13/26 15:28
Analyst: PWS

Parameter	Result	Qualifier	Units	RL	MDL
PIANO Volatile Organics by GC/MS - Mansfield Lab for sample(s): 01 Batch: WG2164913-6					
1-Methyl-2-N-Propylbenzene	ND		mg/kg	10.0	1.24
1,4-Dimethyl-2-Ethylbenzene	ND		mg/kg	10.0	0.935
Undecane	ND		mg/kg	10.0	1.11
1,3-Dimethyl-4-Ethylbenzene	ND		mg/kg	10.0	0.970
1,3-Dimethyl-5-Ethylbenzene	ND		mg/kg	10.0	1.18
1,3-Dimethyl-2-Ethylbenzene	ND		mg/kg	10.0	0.745
1,2-Dimethyl-3-Ethylbenzene	ND		mg/kg	10.0	0.635
1,2,4,5-Tetramethylbenzene	ND		mg/kg	10.0	0.775
N-Pentylbenzene	ND		mg/kg	10.0	1.24
Dodecane (C12)	ND		mg/kg	25.0	3.28
Naphthalene	0.825	J	mg/kg	10.0	4.18
Benzothiophene	ND		mg/kg	10.0	5.30
MMT	ND		mg/kg	25.0	6.45
Tridecane	ND		mg/kg	25.0	6.95
2-Methylnaphthalene	1.37	J	mg/kg	25.0	6.60
1-Methylnaphthalene	0.865	J	mg/kg	25.0	7.35

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Dibromofluoromethane	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/24/26 15:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2168980-5					
Methylene chloride	ND		ug/kg	2500	1100
1,1-Dichloroethane	ND		ug/kg	500	72.
Chloroform	ND		ug/kg	750	70.
Carbon tetrachloride	ND		ug/kg	500	120
1,2-Dichloropropane	ND		ug/kg	500	62.
Dibromochloromethane	ND		ug/kg	500	70.
1,1,2-Trichloroethane	ND		ug/kg	500	130
Tetrachloroethene	ND		ug/kg	250	98.
Chlorobenzene	ND		ug/kg	250	64.
Trichlorofluoromethane	ND		ug/kg	2000	350
1,2-Dichloroethane	ND		ug/kg	500	130
1,1,1-Trichloroethane	ND		ug/kg	250	84.
Bromodichloromethane	ND		ug/kg	250	54.
trans-1,3-Dichloropropene	ND		ug/kg	500	140
cis-1,3-Dichloropropene	ND		ug/kg	250	79.
1,3-Dichloropropene, Total	ND		ug/kg	250	79.
1,1-Dichloropropene	ND		ug/kg	250	80.
Bromoform	ND		ug/kg	2000	120
1,1,2,2-Tetrachloroethane	ND		ug/kg	250	83.
Benzene	ND		ug/kg	250	83.
Toluene	ND		ug/kg	500	270
Ethylbenzene	ND		ug/kg	500	70.
Chloromethane	ND		ug/kg	2000	470
Bromomethane	ND		ug/kg	1000	290

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/24/26 15:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2168980-5					
Vinyl chloride	ND		ug/kg	500	170
Chloroethane	ND		ug/kg	1000	230
1,1-Dichloroethene	ND		ug/kg	500	120
trans-1,2-Dichloroethene	ND		ug/kg	750	68.
Trichloroethene	ND		ug/kg	250	68.
1,2-Dichlorobenzene	ND		ug/kg	1000	72.
1,3-Dichlorobenzene	ND		ug/kg	1000	74.
1,4-Dichlorobenzene	ND		ug/kg	1000	86.
Methyl tert butyl ether	ND		ug/kg	1000	100
p/m-Xylene	ND		ug/kg	1000	280
o-Xylene	ND		ug/kg	500	140
Xylenes, Total	ND		ug/kg	500	140
cis-1,2-Dichloroethene	ND		ug/kg	500	88.
1,2-Dichloroethene, Total	ND		ug/kg	500	68.
Dibromomethane	ND		ug/kg	1000	120
1,4-Dichlorobutane	ND		ug/kg	5000	110
1,2,3-Trichloropropane	ND		ug/kg	1000	64.
Styrene	ND		ug/kg	500	98.
Dichlorodifluoromethane	ND		ug/kg	5000	460
Acetone	ND		ug/kg	12000	5000
Carbon disulfide	ND		ug/kg	5000	2300
2-Butanone	ND		ug/kg	5000	1100
Vinyl acetate	ND		ug/kg	5000	1100
4-Methyl-2-pentanone	ND		ug/kg	5000	640

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/24/26 15:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2168980-5					
2-Hexanone	ND		ug/kg	5000	590
Ethyl methacrylate	ND		ug/kg	5000	790
Acrylonitrile	ND		ug/kg	2000	580
Bromochloromethane	ND		ug/kg	1000	100
Tetrahydrofuran	ND		ug/kg	2000	800
2,2-Dichloropropane	ND		ug/kg	1000	100
1,2-Dibromoethane	ND		ug/kg	500	140
1,3-Dichloropropane	ND		ug/kg	1000	84.
1,1,1,2-Tetrachloroethane	ND		ug/kg	250	66.
Bromobenzene	ND		ug/kg	1000	72.
n-Butylbenzene	ND		ug/kg	500	84.
sec-Butylbenzene	ND		ug/kg	500	73.
tert-Butylbenzene	ND		ug/kg	1000	59.
o-Chlorotoluene	ND		ug/kg	1000	96.
p-Chlorotoluene	ND		ug/kg	1000	54.
1,2-Dibromo-3-chloropropane	ND		ug/kg	1500	500
Hexachlorobutadiene	ND		ug/kg	2000	84.
Isopropylbenzene	ND		ug/kg	500	54.
p-Isopropyltoluene	ND		ug/kg	500	54.
Naphthalene	ND		ug/kg	2000	320
n-Propylbenzene	ND		ug/kg	500	86.
1,2,3-Trichlorobenzene	ND		ug/kg	1000	160
1,2,4-Trichlorobenzene	ND		ug/kg	1000	140
1,3,5-Trimethylbenzene	ND		ug/kg	1000	96.

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/24/26 15:14
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2168980-5					
1,2,4-Trimethylbenzene	ND		ug/kg	1000	170
trans-1,4-Dichloro-2-butene	ND		ug/kg	2500	710
Ethyl ether	ND		ug/kg	1000	170

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

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Lab Control Sample Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab Associated sample(s): 01 Batch: WG2164913-15 WG2164913-16								
1-Pentene	99		101		50-130	2		30
Pentane	108		115		50-130	6		30
Tertiary Butanol	107		104		50-130	3		30
Cyclopentane	102		105		50-130	3		30
2-Methylpentane	107		109		50-130	2		30
Methyl tert butyl ether	104		114		50-130	9		30
3-Methylpentane	111		116		50-130	4		30
1-Hexene	111		112		50-130	1		30
n-Hexane	105		106		50-130	1		30
Isopropyl Ether	113		116		50-130	3		30
Ethyl-Tert-Butyl-Ether	107		108		50-130	1		30
Methylcyclopentane	107		110		50-130	3		30
2,4-Dimethylpentane	111		114		50-130	3		30
Cyclohexane	106		110		50-130	4		30
2-Methylhexane	110		112		50-130	2		30
Benzene	106		109		50-130	3		30
2,3-Dimethylpentane	112		114		50-130	2		30
3-Methylhexane	102		103		50-130	1		30
Tertiary-Amyl Methyl Ether	98		99		50-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab Associated sample(s): 01 Batch: WG2164913-15 WG2164913-16								
Isooctane	106		108		50-130	2		30
Heptane	111		112		50-130	1		30
Methylcyclohexane	103		104		50-130	1		30
2-Methylheptane	102		104		50-130	2		30
3-Methylheptane	103		104		50-130	1		30
Toluene	106		106		50-130	0		30
Octane	105		106		50-130	1		30
Ethylbenzene	96		97		50-130	1		30
p/m-Xylene	103		105		50-130	2		30
Nonane (C9)	89		90		50-130	1		30
o-Xylene	102		104		50-130	2		30
Isopropylbenzene	100		102		50-130	2		30
n-Propylbenzene	102		104		50-130	2		30
1-Methyl-3-Ethylbenzene	100		102		50-130	2		30
1-Methyl-4-Ethylbenzene	110		112		50-130	2		30
1,3,5-Trimethylbenzene	105		108		50-130	3		30
1-Decene	89		89		50-130	0		30
1-Methyl-2-Ethylbenzene	103		105		50-130	2		30
Decane (C10)	110		112		50-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab Associated sample(s): 01 Batch: WG2164913-15 WG2164913-16								
1,2,4-Trimethylbenzene	102		105		50-130	3		30
sec-Butylbenzene	104		108		50-130	4		30
1-Methyl-4-N-Propylbenzene	95		97		50-130	2		30
n-Butylbenzene	101		103		50-130	2		30
1,2-Diethylbenzene	103		105		50-130	2		30
Undecane	104		107		50-130	3		30
N-Pentylbenzene	100		104		50-130	4		30
Dodecane (C12)	124		125		50-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Dibromofluoromethane	103		107		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	101		101		70-130

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Lab Control Sample Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab Associated sample(s): 01 Batch: WG2164913-3 WG2164913-4								
1-Pentene	99		103		50-130	4		30
Pentane	104		108		50-130	4		30
Tertiary Butanol	106		109		50-130	3		30
Cyclopentane	103		106		50-130	3		30
2-Methylpentane	107		111		50-130	4		30
Methyl tert butyl ether	113		117		50-130	3		30
3-Methylpentane	113		117		50-130	3		30
1-Hexene	114		116		50-130	2		30
n-Hexane	104		107		50-130	3		30
Isopropyl Ether	114		118		50-130	3		30
Ethyl-Tert-Butyl-Ether	108		110		50-130	2		30
Methylcyclopentane	108		112		50-130	4		30
2,4-Dimethylpentane	113		113		50-130	0		30
Cyclohexane	109		110		50-130	1		30
2-Methylhexane	110		113		50-130	3		30
Benzene	108		111		50-130	3		30
2,3-Dimethylpentane	112		117		50-130	4		30
3-Methylhexane	100		102		50-130	2		30
Tertiary-Amyl Methyl Ether	98		102		50-130	4		30

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Lab Control Sample Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab Associated sample(s): 01 Batch: WG2164913-3 WG2164913-4								
Isooctane	106		110		50-130	4		30
Heptane	109		110		50-130	1		30
Methylcyclohexane	104		105		50-130	1		30
2-Methylheptane	102		105		50-130	3		30
3-Methylheptane	103		106		50-130	3		30
Toluene	104		107		50-130	3		30
Octane	105		106		50-130	1		30
Ethylbenzene	97		99		50-130	2		30
p/m-Xylene	104		106		50-130	2		30
Nonane (C9)	89		90		50-130	1		30
o-Xylene	101		105		50-130	4		30
Isopropylbenzene	101		103		50-130	2		30
n-Propylbenzene	103		106		50-130	3		30
1-Methyl-3-Ethylbenzene	100		103		50-130	3		30
1-Methyl-4-Ethylbenzene	110		113		50-130	3		30
1,3,5-Trimethylbenzene	104		108		50-130	4		30
1-Decene	88		91		50-130	3		30
1-Methyl-2-Ethylbenzene	103		106		50-130	3		30
Decane (C10)	110		111		50-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000
Lab Number: L2600217
Report Date: 01/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab Associated sample(s): 01 Batch: WG2164913-3 WG2164913-4								
1,2,4-Trimethylbenzene	101		104		50-130	3		30
sec-Butylbenzene	105		108		50-130	3		30
1-Methyl-4-N-Propylbenzene	95		98		50-130	3		30
n-Butylbenzene	100		104		50-130	4		30
1,2-Diethylbenzene	102		106		50-130	4		30
Undecane	103		106		50-130	3		30
N-Pentylbenzene	100		103		50-130	3		30
Dodecane (C12)	123		124		50-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Dibromofluoromethane	107		107		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	98		99		70-130

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Lab Control Sample Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2168980-3 WG2168980-4								
Methylene chloride	98		97		70-130	1		30
1,1-Dichloroethane	102		101		70-130	1		30
Chloroform	100		100		70-130	0		30
Carbon tetrachloride	92		93		70-130	1		30
1,2-Dichloropropane	104		105		70-130	1		30
Dibromochloromethane	90		95		70-130	5		30
1,1,2-Trichloroethane	96		98		70-130	2		30
Tetrachloroethene	91		91		70-130	0		30
Chlorobenzene	98		97		70-130	1		30
Trichlorofluoromethane	100		99		70-139	1		30
1,2-Dichloroethane	109		112		70-130	3		30
1,1,1-Trichloroethane	90		91		70-130	1		30
Bromodichloromethane	97		100		70-130	3		30
trans-1,3-Dichloropropene	90		91		70-130	1		30
cis-1,3-Dichloropropene	97		99		70-130	2		30
1,1-Dichloropropene	95		95		70-130	0		30
Bromoform	79		82		70-130	4		30
1,1,2,2-Tetrachloroethane	83		89		70-130	7		30
Benzene	99		99		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2168980-3 WG2168980-4								
Toluene	93		94		70-130	1		30
Ethylbenzene	96		95		70-130	1		30
Chloromethane	96		94		52-130	2		30
Bromomethane	120		114		57-147	5		30
Vinyl chloride	96		95		67-130	1		30
Chloroethane	99		97		50-151	2		30
1,1-Dichloroethene	94		94		65-135	0		30
trans-1,2-Dichloroethene	94		95		70-130	1		30
Trichloroethene	100		97		70-130	3		30
1,2-Dichlorobenzene	97		95		70-130	2		30
1,3-Dichlorobenzene	96		95		70-130	1		30
1,4-Dichlorobenzene	97		95		70-130	2		30
Methyl tert butyl ether	99		103		66-130	4		30
p/m-Xylene	96		94		70-130	2		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	100		100		70-130	0		30
Dibromomethane	105		108		70-130	3		30
1,4-Dichlorobutane	94		96		70-130	2		30
1,2,3-Trichloropropane	88		93		68-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2168980-3 WG2168980-4								
Styrene	100		99		70-130	1		30
Dichlorodifluoromethane	87		85		30-146	2		30
Acetone	99		94		54-140	5		30
Carbon disulfide	91		90		59-130	1		30
2-Butanone	96		103		70-130	7		30
Vinyl acetate	77		92		70-130	18		30
4-Methyl-2-pentanone	74		81		70-130	9		30
2-Hexanone	72		77		70-130	7		30
Ethyl methacrylate	84		88		70-130	5		30
Acrylonitrile	79		83		70-130	5		30
Bromochloromethane	108		109		70-130	1		30
Tetrahydrofuran	85		86		66-130	1		30
2,2-Dichloropropane	86		86		70-130	0		30
1,2-Dibromoethane	92		97		70-130	5		30
1,3-Dichloropropane	99		102		69-130	3		30
1,1,1,2-Tetrachloroethane	94		94		70-130	0		30
Bromobenzene	95		94		70-130	1		30
n-Butylbenzene	96		94		70-130	2		30
sec-Butylbenzene	92		90		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2168980-3 WG2168980-4								
tert-Butylbenzene	92		90		70-130	2		30
o-Chlorotoluene	92		89		70-130	3		30
p-Chlorotoluene	95		94		70-130	1		30
1,2-Dibromo-3-chloropropane	**67**	Q	71		68-130	6		30
Hexachlorobutadiene	86		84		67-130	2		30
Isopropylbenzene	92		92		70-130	0		30
p-Isopropyltoluene	92		90		70-130	2		30
Naphthalene	85		88		70-130	3		30
n-Propylbenzene	94		91		70-130	3		30
1,2,3-Trichlorobenzene	94		94		70-130	0		30
1,2,4-Trichlorobenzene	93		92		70-130	1		30
1,3,5-Trimethylbenzene	94		93		70-130	1		30
1,2,4-Trimethylbenzene	96		94		70-130	2		30
trans-1,4-Dichloro-2-butene	75		78		70-130	4		30
Ethyl ether	101		102		67-130	1		30

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Lab Control Sample Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2168980-3 WG2168980-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		111		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	106		108		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2164913-8 QC Sample: L2600217-01 Client ID: MW-151						
Isopentane	12500	12700	mg/kg	2		30
1-Pentene	ND	ND	mg/kg	NC		30
2-Methyl-1-Butene	228	220	mg/kg	4		30
Pentane	7850	8000	mg/kg	2		30
trans-2-Pentene	181J	182J	mg/kg	NC		30
cis-2-Pentene	82.8J	86.5J	mg/kg	NC		30
Tertiary Butanol	ND	ND	mg/kg	NC		30
Cyclopentane	2590	2640	mg/kg	2		30
2,3-Dimethylbutane	5260	5450	mg/kg	4		30
2-Methylpentane	21900E	22400E	mg/kg	2		30
Methyl tert butyl ether	ND	ND	mg/kg	NC		30
3-Methylpentane	17700	18100	mg/kg	2		30
1-Hexene	ND	ND	mg/kg	NC		30
n-Hexane	17300	17600	mg/kg	2		30
Isopropyl Ether	ND	ND	mg/kg	NC		30
Ethyl-Tert-Butyl-Ether	ND	ND	mg/kg	NC		30
2,2-Dimethylpentane	725	743	mg/kg	2		30
Methylcyclopentane	20000E	20500E	mg/kg	2		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab	Associated sample(s): 01	QC Batch ID: WG2164913-8		QC Sample: L2600217-01		Client ID: MW-151
2,4-Dimethylpentane	7560	7700	mg/kg	2		30
1,2-Dichloroethane	ND	ND	mg/kg	NC		30
Cyclohexane	19400E	19700E	mg/kg	2		30
2-Methylhexane	14300	14600	mg/kg	2		30
Benzene	5960	6200	mg/kg	4		30
2,3-Dimethylpentane	15500	15800	mg/kg	2		30
Thiophene	ND	ND	mg/kg	NC		30
3-Methylhexane	19100E	19500E	mg/kg	2		30
Tertiary-Amyl Methyl Ether	ND	ND	mg/kg	NC		30
1-Heptene/1,2-DMCP (trans)	14600	14900	mg/kg	2		30
Isooctane	25400E	26000E	mg/kg	2		30
Heptane	18700	19000E	mg/kg	2		30
Methylcyclohexane	30000E	30500E	mg/kg	2		30
2,5-Dimethylhexane	6760	6910	mg/kg	2		30
2,4-Dimethylhexane	7460	7600	mg/kg	2		30
2,2,3-Trimethylpentane	768	786	mg/kg	2		30
2,3,4-Trimethylpentane	10600	10900	mg/kg	3		30
2,3,3-Trimethylpentane	6480	6640	mg/kg	2		30

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Lab Duplicate Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab	Associated sample(s): 01	QC Batch ID: WG2164913-8		QC Sample: L2600217-01		Client ID: MW-151
2,3-Dimethylhexane	6420	6640	mg/kg	3		30
2-Methylheptane	12900	13200	mg/kg	2		30
3-Methylheptane	8670	8870	mg/kg	2		30
3-Ethylhexane	1650	1640	mg/kg	1		30
Toluene	145J	129J	mg/kg	NC		30
2-Methylthiophene	ND	ND	mg/kg	NC		30
3-Methylthiophene	ND	ND	mg/kg	NC		30
1-Octene	ND	ND	mg/kg	NC		30
Octane	14700	15000	mg/kg	2		30
1,2-Dibromoethane	ND	ND	mg/kg	NC		30
Ethylbenzene	20100E	20700E	mg/kg	3		30
2-Ethylthiophene	ND	ND	mg/kg	NC		30
p/m-Xylene	12000	12400	mg/kg	3		30
1-Nonene	ND	ND	mg/kg	NC		30
Nonane (C9)	12200	12100	mg/kg	1		30
Styrene	ND	ND	mg/kg	NC		30
o-Xylene	505	508	mg/kg	1		30
Isopropylbenzene	2540	2570	mg/kg	1		30

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Lab Duplicate Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab	Associated sample(s): 01	QC Batch ID: WG2164913-8		QC Sample: L2600217-01		Client ID: MW-151
n-Propylbenzene	6660	6680	mg/kg	0		30
1-Methyl-3-Ethylbenzene	3650	3680	mg/kg	1		30
1-Methyl-4-Ethylbenzene	6270	6300	mg/kg	0		30
1,3,5-Trimethylbenzene	5340	5340	mg/kg	0		30
1-Decene	ND	ND	mg/kg	NC		30
1-Methyl-2-Ethylbenzene	3940	3980	mg/kg	1		30
Decane (C10)	13000	13100	mg/kg	1		30
1,2,4-Trimethylbenzene	20100E	20200E	mg/kg	0		30
sec-Butylbenzene	1380	1360	mg/kg	1		30
1-Methyl-3-Isopropylbenzene	1210	1210	mg/kg	0		30
1-Methyl-4-Isopropylbenzene	808	791	mg/kg	2		30
1-Methyl-2-Isopropylbenzene	200	199	mg/kg	1		30
Indane	1870	1890	mg/kg	1		30
1-Methyl-3-N-Propylbenzene	3780	3720	mg/kg	2		30
1-Methyl-4-N-Propylbenzene	2270	2220	mg/kg	2		30
n-Butylbenzene	2140	2100	mg/kg	2		30
1,2-Dimethyl-4-Ethylbenzene	3460	3410	mg/kg	1		30
1,2-Diethylbenzene	537	535	mg/kg	0		30

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Lab Duplicate Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab	Associated sample(s): 01	QC Batch ID: WG2164913-8		QC Sample: L2600217-01		Client ID: MW-151
1-Methyl-2-N-Propylbenzene	1810	1780	mg/kg	2		30
1,4-Dimethyl-2-Ethylbenzene	3100	3090	mg/kg	0		30
Undecane	11600	12100	mg/kg	4		30
1,3-Dimethyl-4-Ethylbenzene	2800	2770	mg/kg	1		30
1,3-Dimethyl-5-Ethylbenzene	4720	4670	mg/kg	1		30
1,3-Dimethyl-2-Ethylbenzene	541	568	mg/kg	5		30
1,2-Dimethyl-3-Ethylbenzene	948	937	mg/kg	1		30
1,2,4,5-Tetramethylbenzene	2240	2260	mg/kg	1		30
N-Pentylbenzene	717	680	mg/kg	5		30
Dodecane (C12)	10200	11000	mg/kg	8		30
Naphthalene	3540	3700	mg/kg	4		30
Benzothiophene	282	295	mg/kg	5		30
MMT	ND	ND	mg/kg	NC		30
Tridecane	6240	7000	mg/kg	11		30
2-Methylnaphthalene	5790	5980	mg/kg	3		30
1-Methylnaphthalene	5320	5450	mg/kg	2		30

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria

Lab Duplicate Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab	Associated sample(s): 01	QC Batch ID: WG2164913-8	QC Sample: L2600217-01	Client ID: MW-151		

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Dibromofluoromethane	98		98		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	106		104		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
PIANO Volatile Organics by GC/MS - Mansfield Lab	Associated sample(s): 01	QC Batch ID: WG2164913-8		QC Sample: L2600217-01		Client ID: MW-151
2-Methylpentane	19300	19200	mg/kg	1		30
Methylcyclopentane	16900	16200	mg/kg	4		30
Cyclohexane	16100	15500	mg/kg	4		30
3-Methylhexane	16200	15400	mg/kg	5		30
Isooctane	23100	21900	mg/kg	5		30
Heptane	15600	14800	mg/kg	5		30
Methylcyclohexane	25000	23600	mg/kg	6		30
Ethylbenzene	15300	14400	mg/kg	6		30
1,2,4-Trimethylbenzene	14700	14100	mg/kg	4		30

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Dibromofluoromethane	98		98		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	95		96		70-130

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Lab Duplicate Analysis
Batch Quality Control

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2168980-6 QC Sample: L2600217-01 Client ID: MW-151						
Methylene chloride	ND	ND	ug/kg	NC		30
1,1-Dichloroethane	ND	ND	ug/kg	NC		30
Chloroform	ND	ND	ug/kg	NC		30
Carbon tetrachloride	ND	ND	ug/kg	NC		30
1,2-Dichloropropane	ND	ND	ug/kg	NC		30
Dibromochloromethane	ND	ND	ug/kg	NC		30
1,1,2-Trichloroethane	ND	ND	ug/kg	NC		30
Tetrachloroethene	ND	ND	ug/kg	NC		30
Chlorobenzene	ND	ND	ug/kg	NC		30
Trichlorofluoromethane	ND	ND	ug/kg	NC		30
1,2-Dichloroethane	ND	ND	ug/kg	NC		30
1,1,1-Trichloroethane	ND	ND	ug/kg	NC		30
Bromodichloromethane	ND	ND	ug/kg	NC		30
trans-1,3-Dichloropropene	ND	ND	ug/kg	NC		30
cis-1,3-Dichloropropene	ND	ND	ug/kg	NC		30
1,3-Dichloropropene, Total	ND	ND	ug/kg	NC		30
1,1-Dichloropropene	ND	ND	ug/kg	NC		30
Bromoform	ND	ND	ug/kg	NC		30

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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2168980-6 QC Sample: L2600217-01 Client ID: MW-151						
1,1,2,2-Tetrachloroethane	ND	ND	ug/kg	NC		30
Benzene	5300000	5300000	ug/kg	0		30
Toluene	90000	100000	ug/kg	13		30
Ethylbenzene	14000000	18000000E	ug/kg	24		30
Chloromethane	ND	ND	ug/kg	NC		30
Bromomethane	ND	ND	ug/kg	NC		30
Vinyl chloride	ND	ND	ug/kg	NC		30
Chloroethane	ND	ND	ug/kg	NC		30
1,1-Dichloroethene	ND	ND	ug/kg	NC		30
trans-1,2-Dichloroethene	ND	ND	ug/kg	NC		30
Trichloroethene	ND	ND	ug/kg	NC		30
1,2-Dichlorobenzene	ND	ND	ug/kg	NC		30
1,3-Dichlorobenzene	ND	ND	ug/kg	NC		30
1,4-Dichlorobenzene	ND	ND	ug/kg	NC		30
Methyl tert butyl ether	ND	ND	ug/kg	NC		30
p/m-Xylene	8300000	11000000	ug/kg	25		30
o-Xylene	390000	520000	ug/kg	28		30
Xylenes, Total	8700000	11000000	ug/kg	25		30

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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2168980-6 QC Sample: L2600217-01 Client ID: MW-151						
cis-1,2-Dichloroethene	ND	ND	ug/kg	NC		30
1,2-Dichloroethene, Total	ND	ND	ug/kg	NC		30
Dibromomethane	ND	ND	ug/kg	NC		30
1,4-Dichlorobutane	ND	ND	ug/kg	NC		30
1,2,3-Trichloropropane	ND	ND	ug/kg	NC		30
Styrene	ND	ND	ug/kg	NC		30
Dichlorodifluoromethane	ND	ND	ug/kg	NC		30
Acetone	ND	ND	ug/kg	NC		30
Carbon disulfide	ND	ND	ug/kg	NC		30
2-Butanone	ND	ND	ug/kg	NC		30
Vinyl acetate	ND	ND	ug/kg	NC		30
4-Methyl-2-pentanone	ND	ND	ug/kg	NC		30
2-Hexanone	ND	ND	ug/kg	NC		30
Ethyl methacrylate	ND	ND	ug/kg	NC		30
Acrylonitrile	ND	ND	ug/kg	NC		30
Bromochloromethane	ND	ND	ug/kg	NC		30
Tetrahydrofuran	ND	ND	ug/kg	NC		30
2,2-Dichloropropane	ND	ND	ug/kg	NC		30

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Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2168980-6 QC Sample: L2600217-01 Client ID: MW-151						
1,2-Dibromoethane	ND	ND	ug/kg	NC		30
1,3-Dichloropropane	ND	ND	ug/kg	NC		30
1,1,1,2-Tetrachloroethane	ND	ND	ug/kg	NC		30
Bromobenzene	ND	ND	ug/kg	NC		30
n-Butylbenzene	1500000	2000000	ug/kg	27		30
sec-Butylbenzene	980000	1300000	ug/kg	28		30
tert-Butylbenzene	ND	ND	ug/kg	NC		30
o-Chlorotoluene	ND	ND	ug/kg	NC		30
p-Chlorotoluene	ND	ND	ug/kg	NC		30
1,2-Dibromo-3-chloropropane	ND	ND	ug/kg	NC		30
Hexachlorobutadiene	ND	ND	ug/kg	NC		30
Isopropylbenzene	1800000	2500000	ug/kg	**32**	Q	30
p-Isopropyltoluene	440000	600000	ug/kg	**31**	Q	30
Naphthalene	2900000	3700000	ug/kg	23		30
n-Propylbenzene	4300000	5600000	ug/kg	27		30
1,2,3-Trichlorobenzene	ND	ND	ug/kg	NC		30
1,2,4-Trichlorobenzene	ND	ND	ug/kg	NC		30
1,3,5-Trimethylbenzene	3500000	4600000	ug/kg	28		30

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
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Lab Number: L2600217
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Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2168980-6 QC Sample: L2600217-01 Client ID: MW-151						
1,2,4-Trimethylbenzene	14000000	18000000E	ug/kg	24		30
trans-1,4-Dichloro-2-butene	ND	ND	ug/kg	NC		30
Ethyl ether	ND	ND	ug/kg	NC		30

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		105		70-130
Toluene-d8	111		110		70-130
4-Bromofluorobenzene	117		122		70-130
Dibromofluoromethane	94		92		70-130

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PETROLEUM HYDROCARBONS

Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Lab Number: L2600217
Project Number: 000646047.0000.0000
Report Date: 01/26/26

SAMPLE RESULTS

Lab ID: L2600217-01
Client ID: MW-151
Sample Location: ROSWELL, NM
Date Collected: 12/29/25 11:45
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Extraction Method: N/A
Analytical Method: 1,8015D(M)
Analytical Date: 01/26/14 00:00
Analyst: AC
Percent Solids: Results Reported on an "AS RECEIVED" basis

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Whole Oil Analysis - Mansfield Lab						
Refer To Case Narrative/Chromatograms			-	-	1.00	1

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Project Name: HFSNR-ARTESIA - PSH ANALYSIS
Project Number: 000646047.0000.0000

Lab Number: L2600217
Report Date: 01/26/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2600217-01A	Vial unpreserved 20ml hard-cap	NA	NA			Y	Absent		A2-WHOLEOIL(365),A2-NFPIANO8260(365)
L2600217-01B	Vial unpreserved 20ml hard-cap	NA	NA			Y	Absent		A2-WHOLEOIL(365)
L2600217-01X	Vial unpreserved 20ml hard-cap split	NA	NA			Y	Absent		8260(14)
L2600217-01Y	Vial MeOH preserved split	NA	NA			Y	Absent		8260(14)
L2600217-01Z	Vial unpreserved 20ml hard-cap	NA	NA			Y	Absent		A2-NFPIANO8260(365)

*Values in parentheses indicate holding time in days

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Project Name:	HFSNR-ARTESIA - PSH ANALYSIS	**Lab Number:**	L2600217
Project Number:	000646047.0000.0000	**Report Date:**	01/26/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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Project Name:	HFSNR-ARTESIA - PSH ANALYSIS	**Lab Number:**	L2600217
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

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Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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Report Date: 01/26/26

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

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ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

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ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

L2600621 7

Chain of Custody

ERM NEWFIELDS HFSNR Artesia - PSH Analysis

Proj. No 00064 6047.0001.1000 | Proj. Name ~~PSH Analysis~~ JP

SAMPLERS: Signature Julian Puentes

ANALYSIS REQUESTED → "NUMBER OF CONTANIERS"

DATE	TIME	LAB ID	CLIENT ID	SAMPLE DESCRIPTION	MATRIX (Oil/Soil/Water)	GC-FID-TPH "C"	GCMS-Alkyl PAH	GCMS-Biomarkers	PIANO - VOA	Organic Lead	METALS	PCB	Pesticides	PRESERVED	Total Number of Containers
12/29/25	11:45am	~~MW-151~~ JP	~~HFSNR Artesia~~ MW-151 JP	Phase-Separated hydrocarbon Sample Collected Well MW-151 "4 40-5 mL"	Oil	X			X						

Relinquished by: | Date/Time 12/29/25 2:30pm | Received by: FEDEX - Roswell, NM | Date/Time

Relinquished by: Julian Puentes | Date/Time | Received by: Rel: FEDEX 1/5/26 13:37 Rec: JP 1/5/26 13:37 | Date/Time

Comments: Samples to be shipped to: Pace/Alpha Laboratory
320 Forbes Blvd.
Mansfield, MA 02048
Tel: (508) 822-9300
Attn: Sue Oneil

FROM:
JULIAN PUENTES
(512) 235-2460
T R C ENVIRONMENTAL CORP
505 E HUNTLAND DR STE 250
AUSTIN TX 78752
US

SHIP DATE: 29DEC25
ACTWGT: 2.30 LB
CAD: 6984900/SSFE2640
DIMMED: 8 X 8 X 10 IN
BILL 3rd PARTY

TO ATTN SUE ONEIL
320 FORBES BLVD
MANSFIELD MA 02048 (US)
(508) 822-9300
INV:
PO:
REF:
DEPT:

FedEx Ground

TRK# 3972 5449 2855

02048

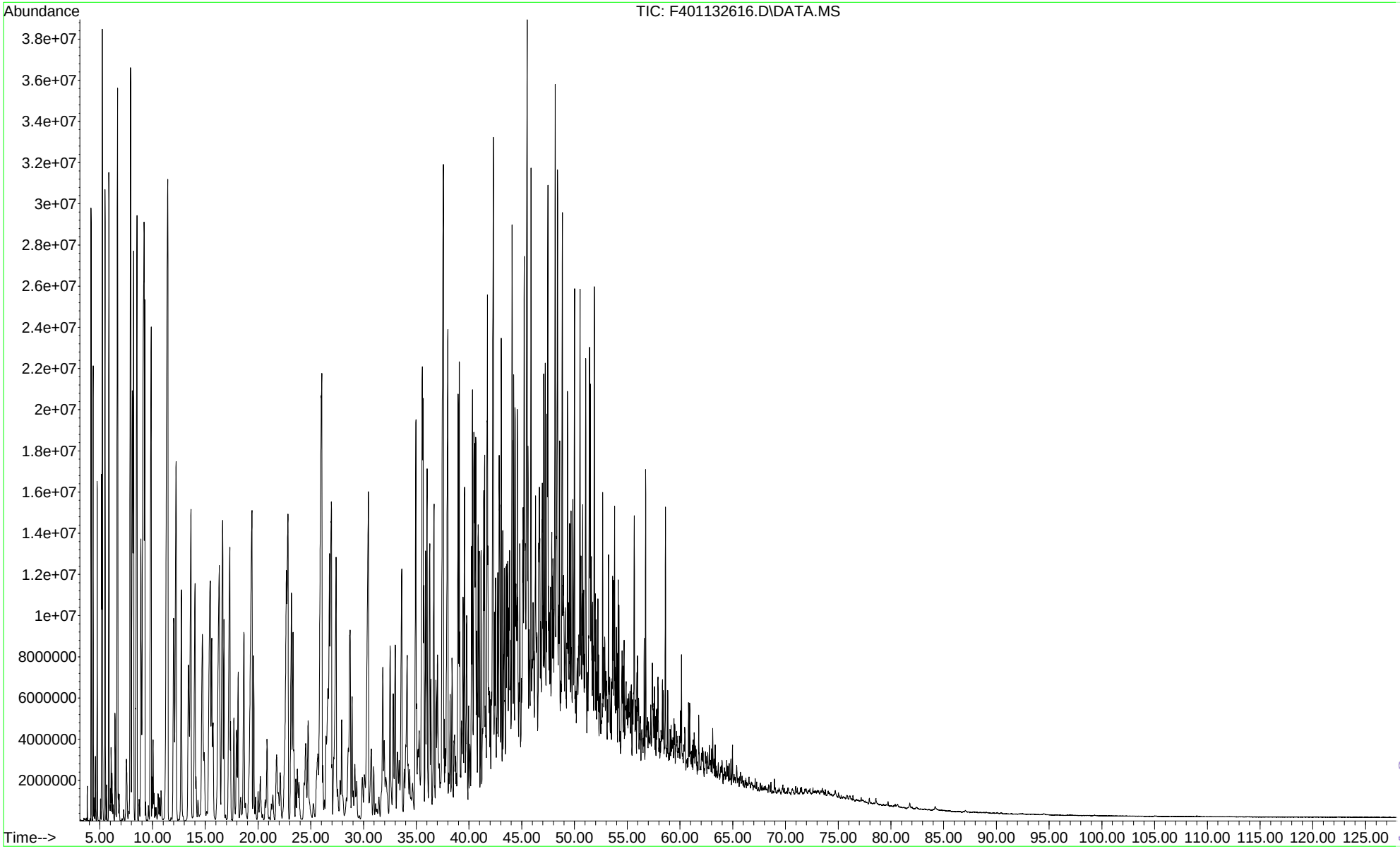
9622 0417 3 (000 000 0000) 0 00 3972 5449 2855

Part # 158297-4495 RRDB EXP 10/26

Whole Oil by GC-MS Chromatograms

Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

File :S:\Forensics-NEW\Data\PAH4\2026\01\13\F401132616.D
Operator :
Acquired : 14 Jan 2026 1:31 pm using AcqMethod PAH4WO.M
Instrument : PAH 4
Sample Name: L2600217-01
Misc Info :
Vial Number: 8



Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

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Operator :
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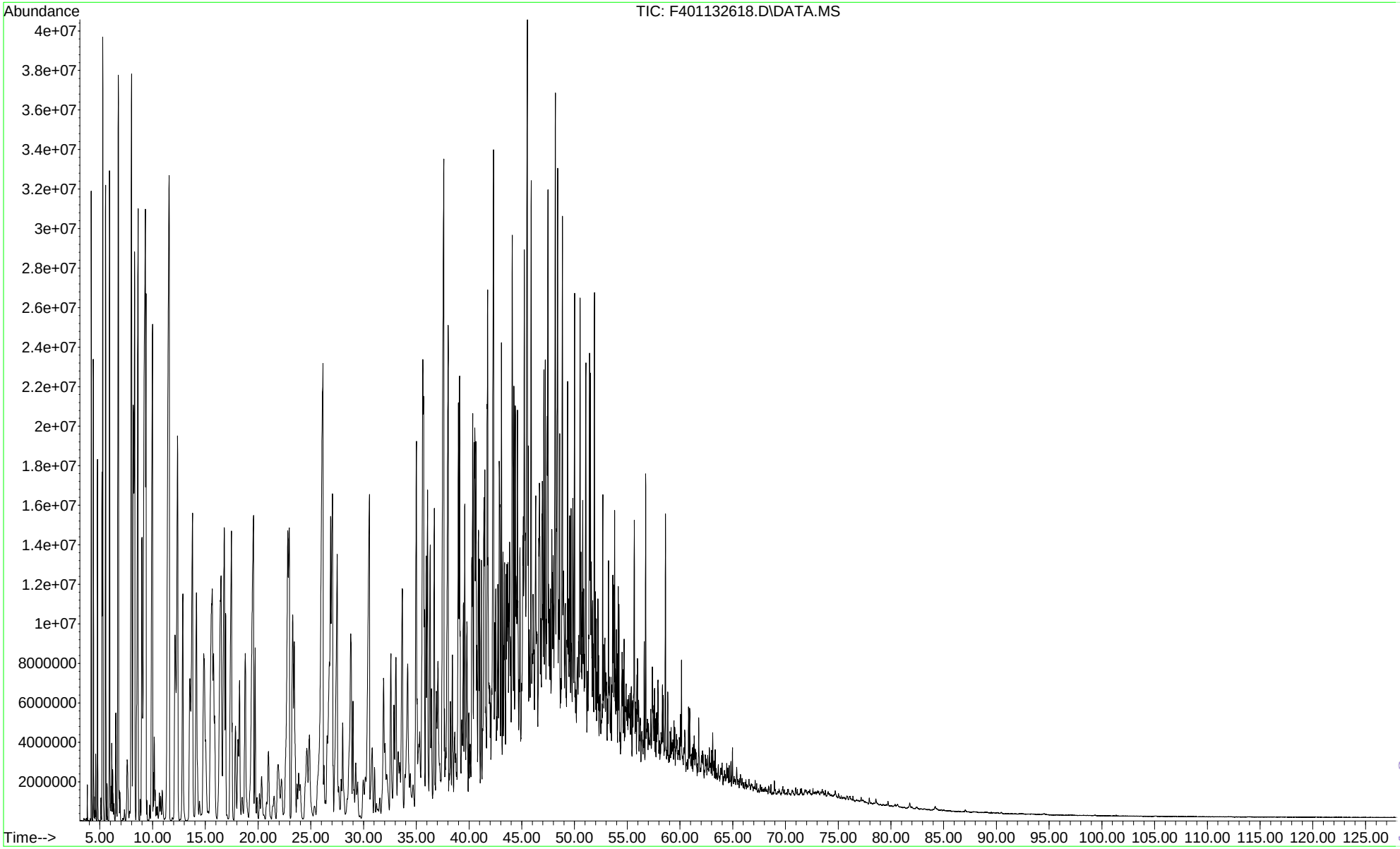
Instrument : PAH 4
Sample Name: L2600217-01dup
Misc Info :
Vial Number: 9



Whole Oil Reference Oils

Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

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Operator :
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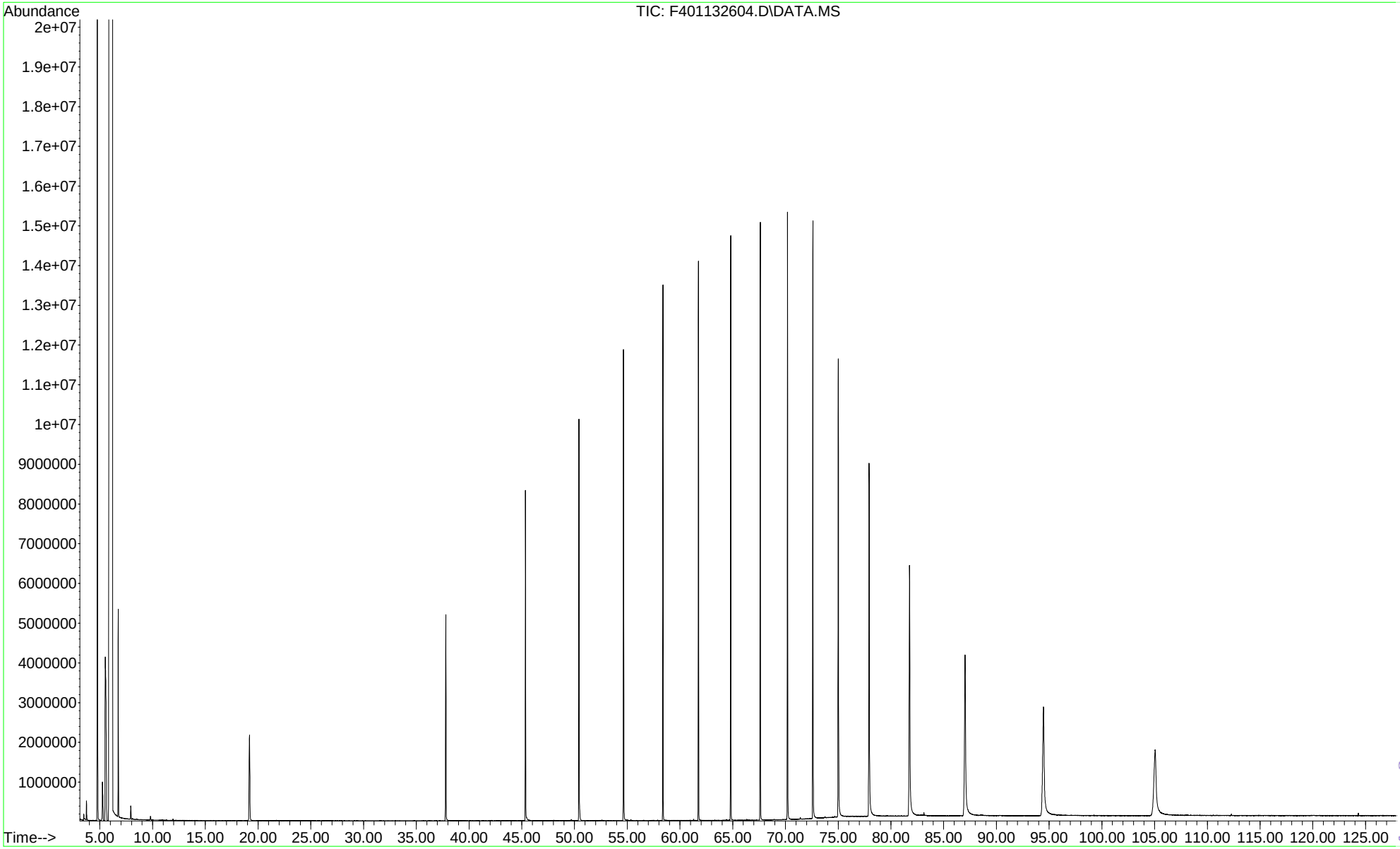
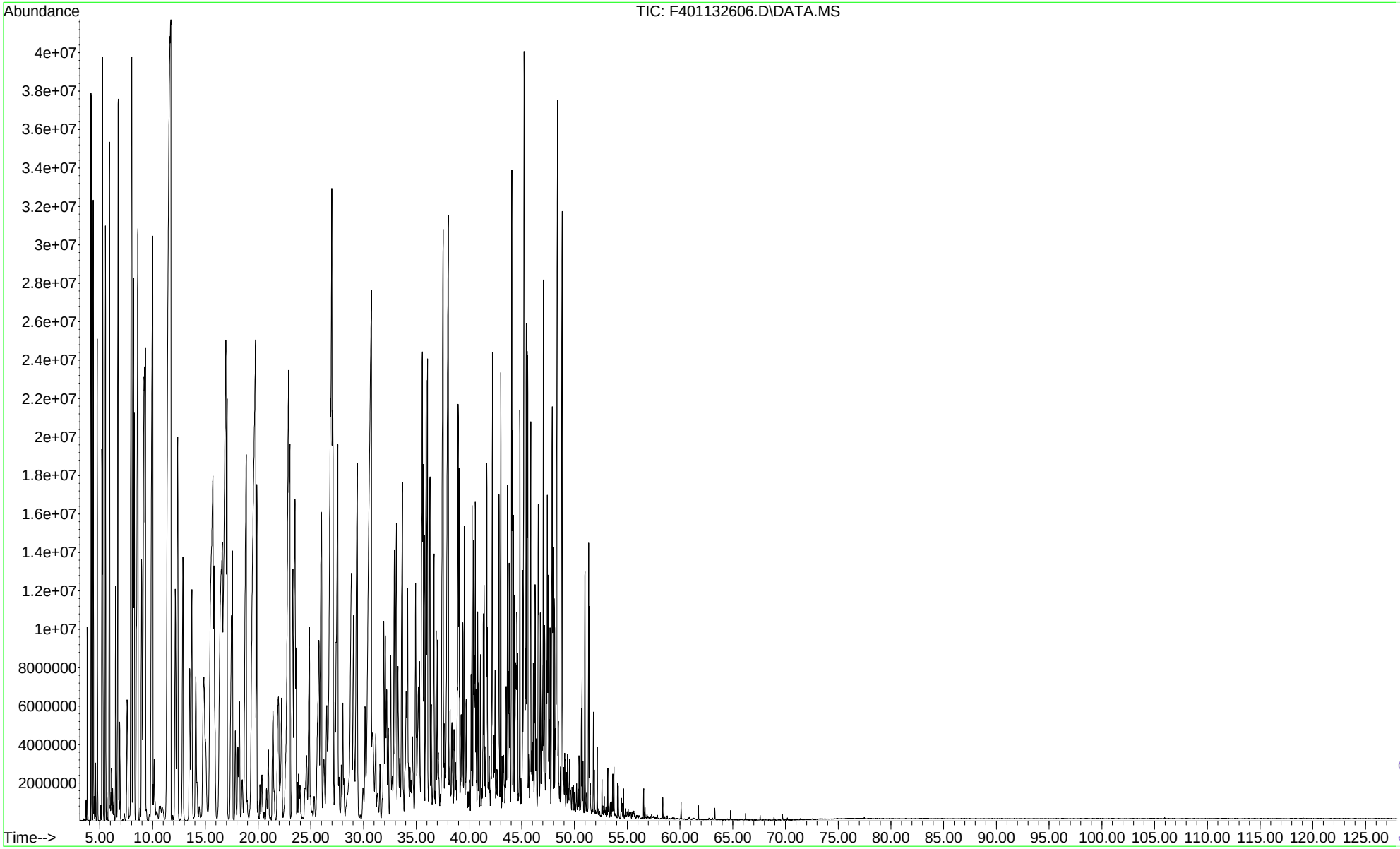
Instrument : PAH 4
Sample Name: ccv
Misc Info :
Vial Number: 2



Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

File :S:\Forensics-NEW\Data\PAH4\2026\01\13\F401132606.D
Operator :
Acquired : 13 Jan 2026 6:06 pm using AcqMethod PAH4WO.M
Instrument : PAH 4
Sample Name: LD7
Misc Info :
Vial Number: 3



Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

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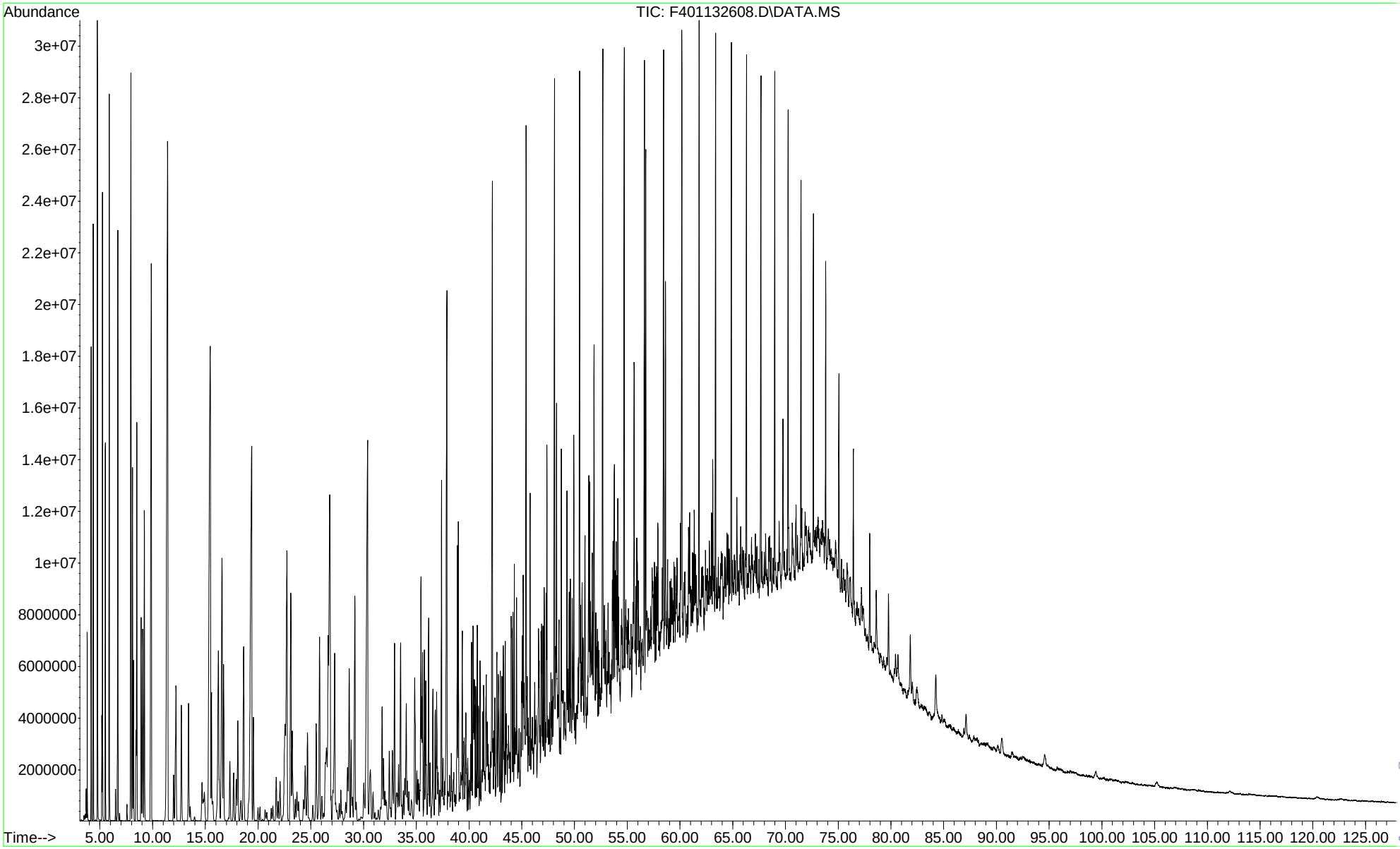
Operator :
Acquired : 13 Jan 2026 8:34 pm using AcqMethod PAH4WO.M
Instrument : PAH 4
Sample Name: ANS
Misc Info :
Vial Number: 4



Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

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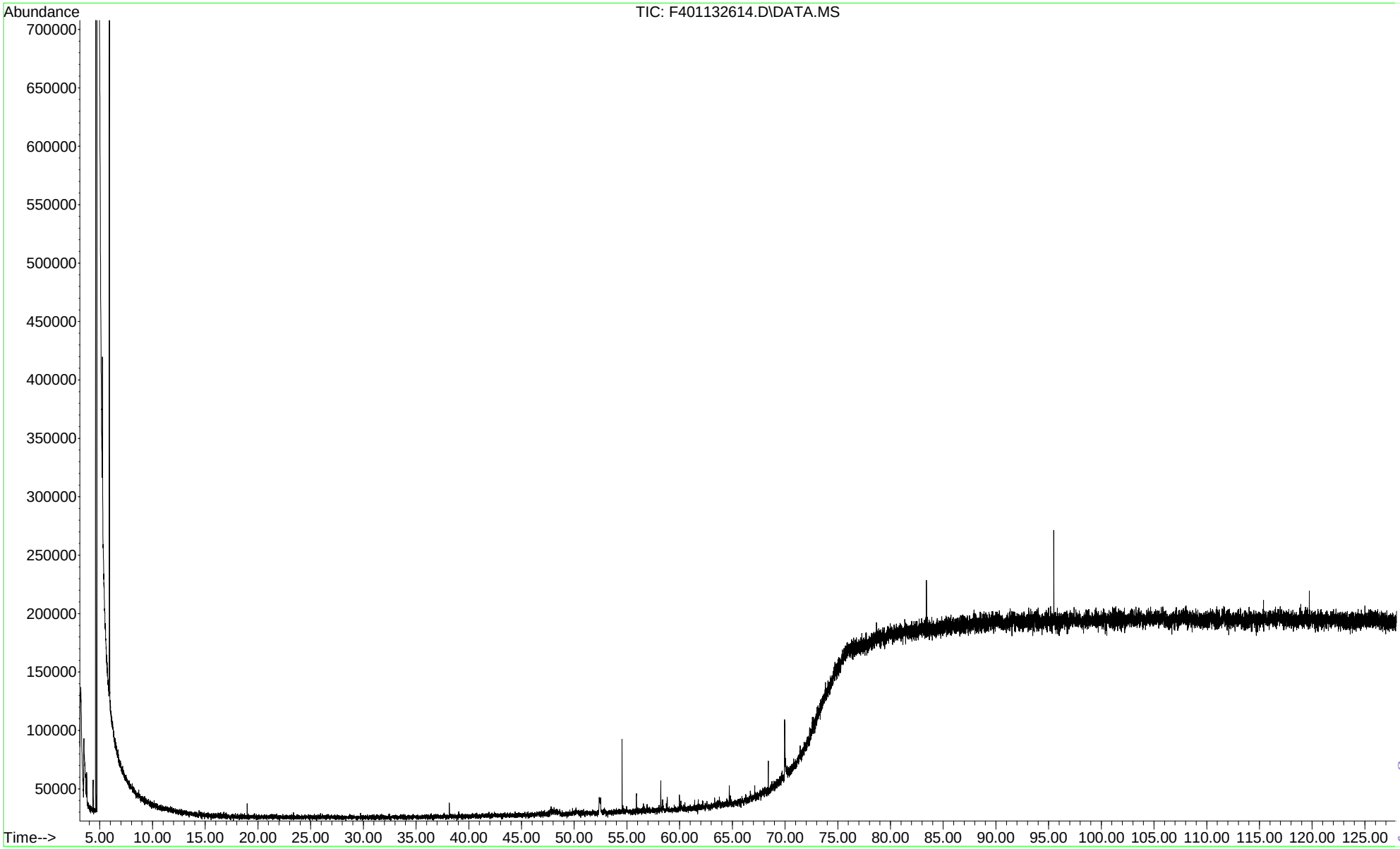
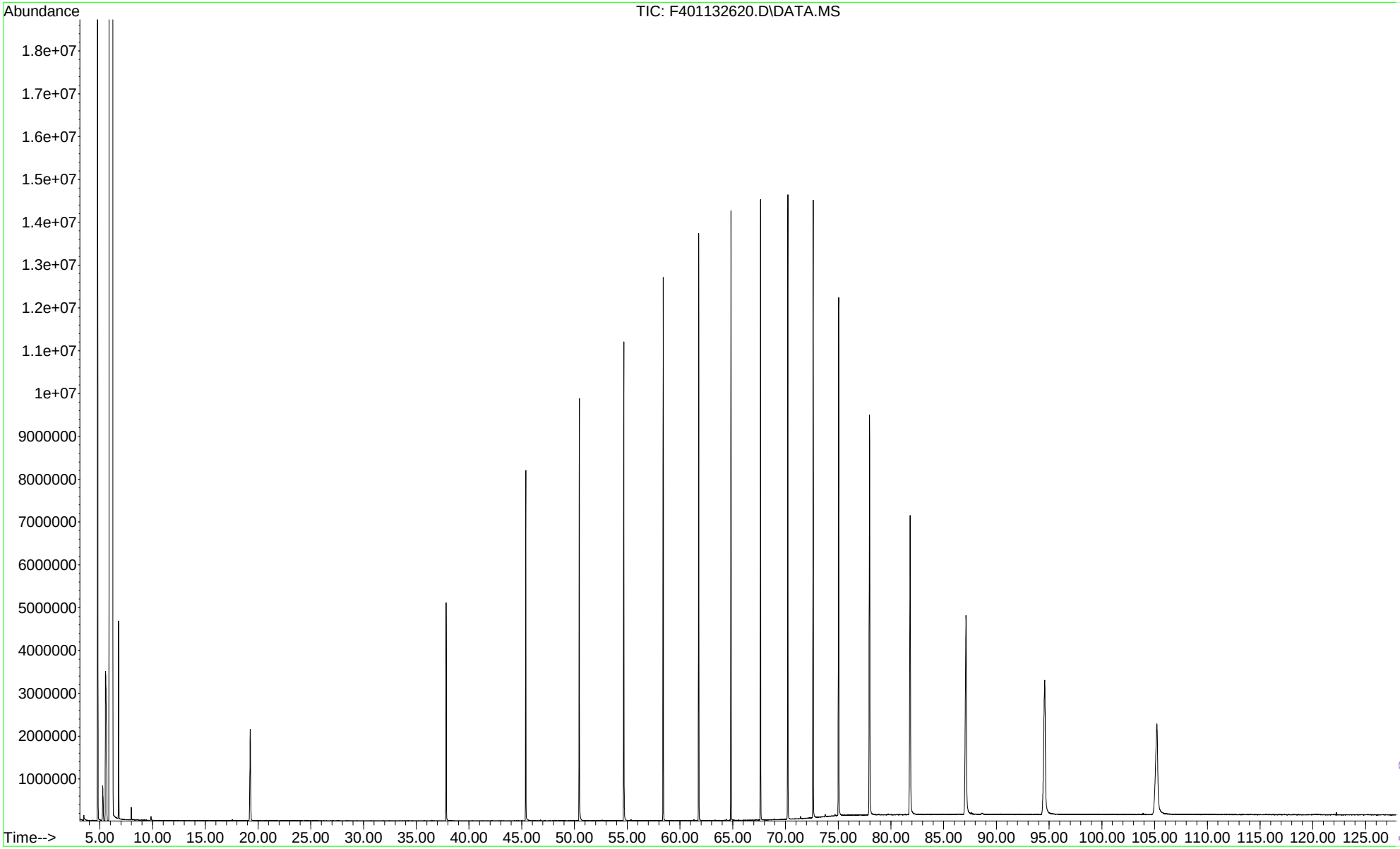
Operator :
Acquired : 14 Jan 2026 10:59 am using AcqMethod PAH4WO.M
Instrument : PAH 4
Sample Name: DCM
Misc Info :
Vial Number: 7



Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

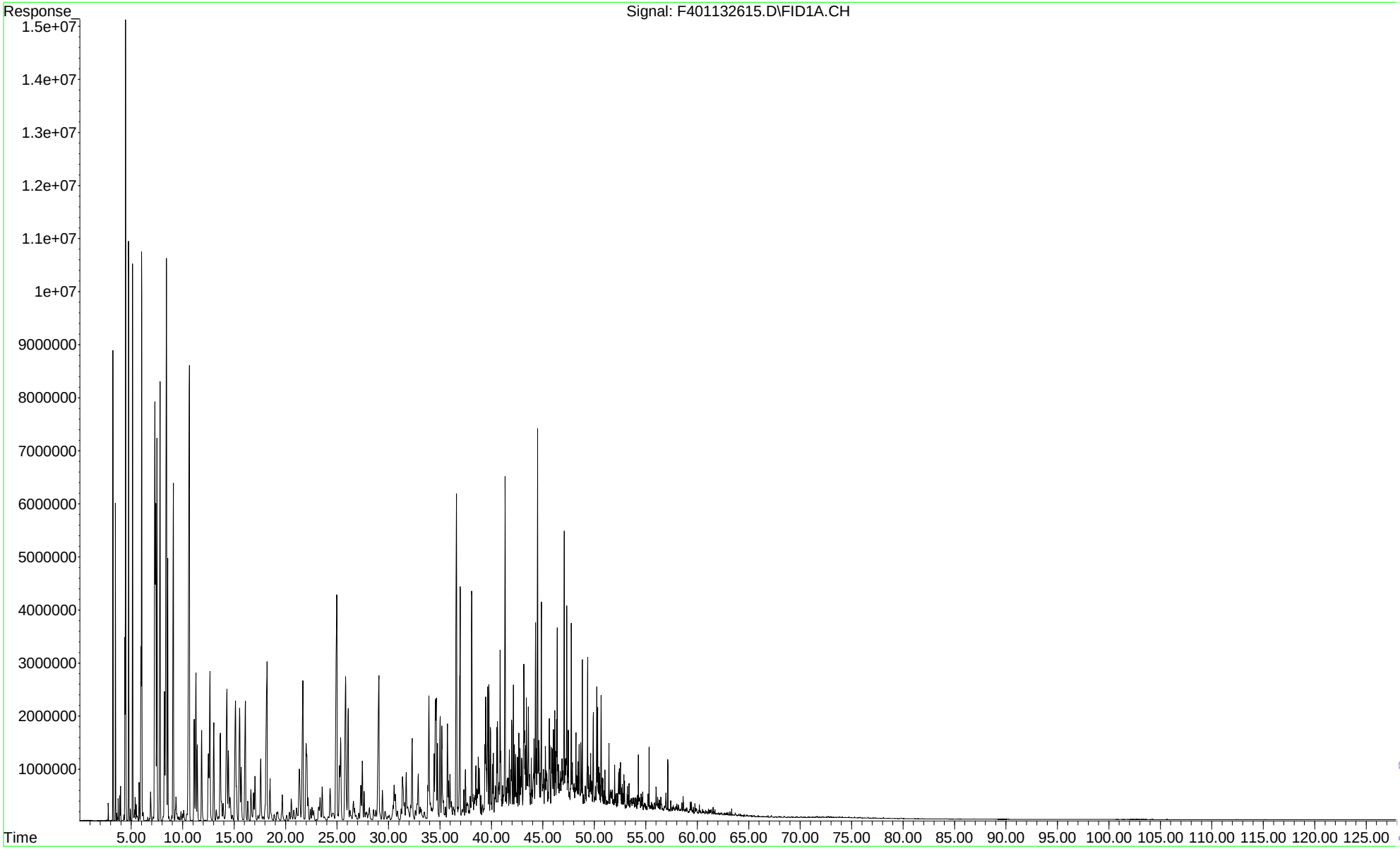
File :S:\Forensics-NEW\Data\PAH4\2026\01\13\F401132620.D
Operator :
Acquired : 14 Jan 2026 6:33 pm using AcqMethod PAH4WO.M
Instrument : PAH 4
Sample Name: ccv
Misc Info :
Vial Number: 10



Whole Oil by GC-FID Chromatograms

Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

File :S:\Forensics-NEW\Data\PAH4\2026\01\13.SEC\F401132615.D
Operator :
Acquired : 14 Jan 2026 1:31 pm using AcqMethod PAH4WO.M
Instrument : PAH 4
Sample Name: L2600217-01
Misc Info :
Vial Number: 8



Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

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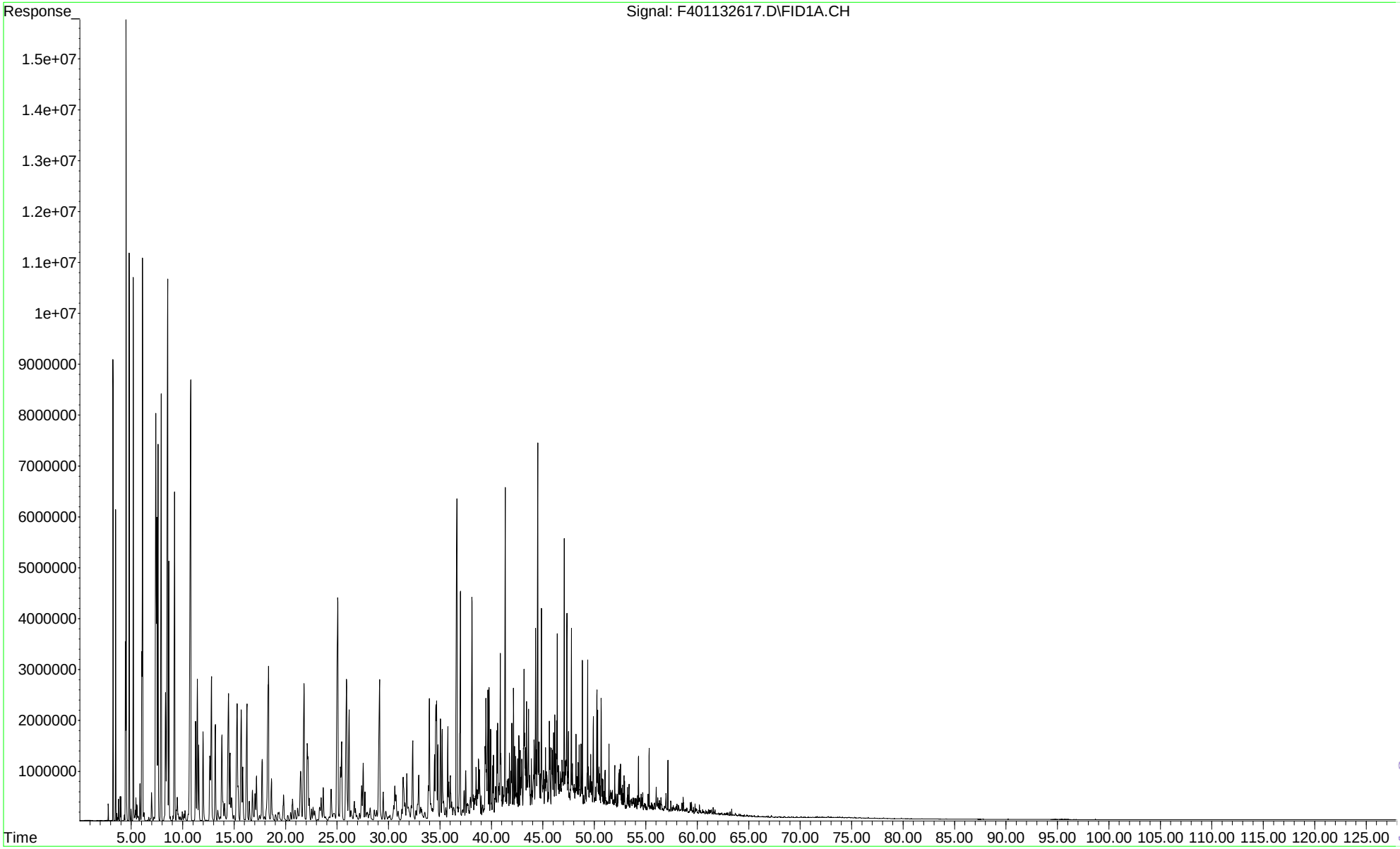
Operator :
Acquired : 14 Jan 2026 4:02 pm using AcqMethod PAH4WO.M
Instrument : PAH 4
Sample Name: L2600217-01dup
Misc Info :
Vial Number: 9



Whole Oil Reference Oils

Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

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Operator :
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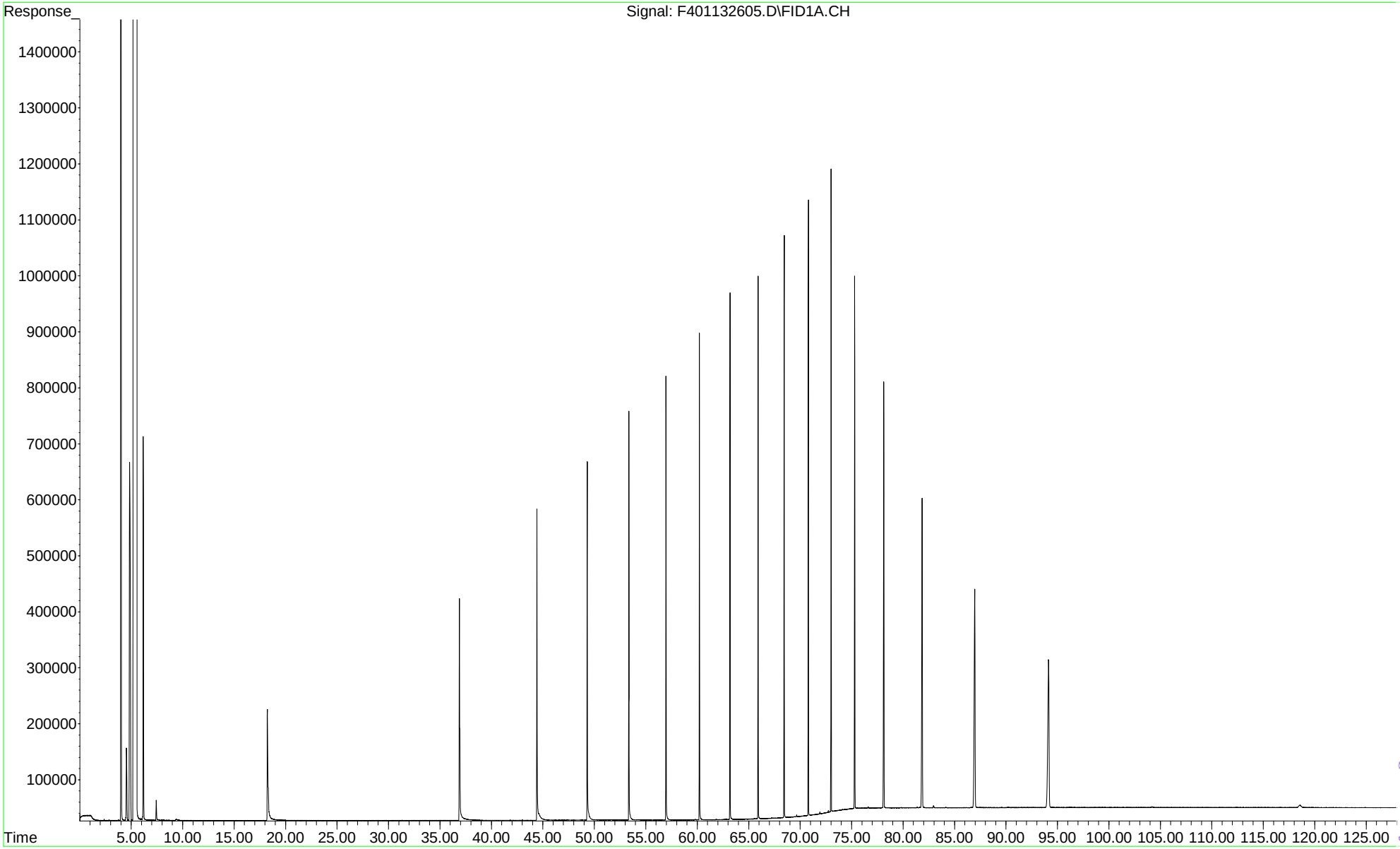
Instrument : PAH 4
Sample Name: CCV
Misc Info :
Vial Number: 3



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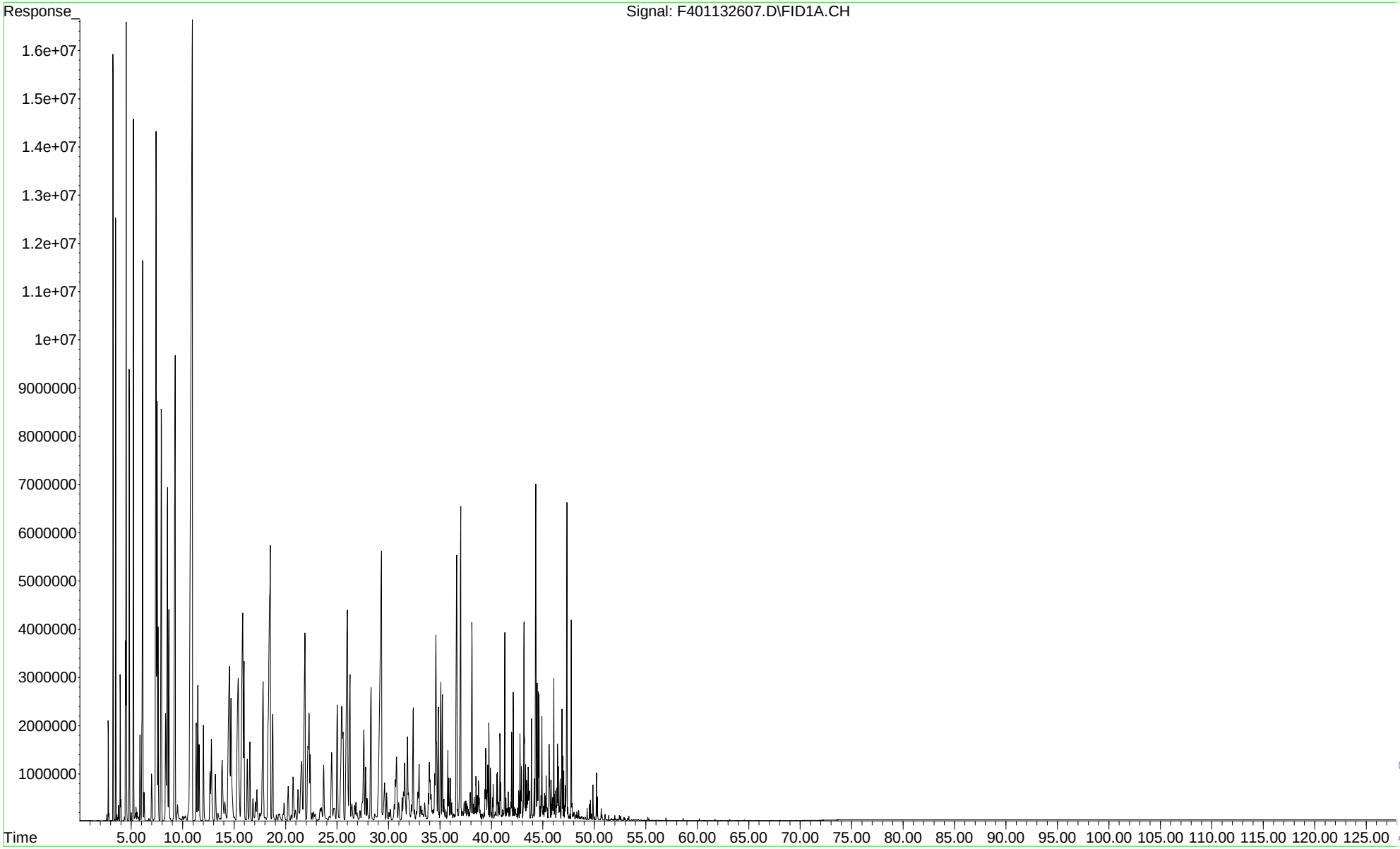
Instrument : PAH 4
Sample Name: LD7
Misc Info :
Vial Number: 4



Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

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Operator   :
Acquired   : 13 Jan 2026  11:02 pm using AcqMethod PAH4WO.M
Instrument :   PAH 4
Sample Name: ANS
Misc Info  :
Vial Number: 5
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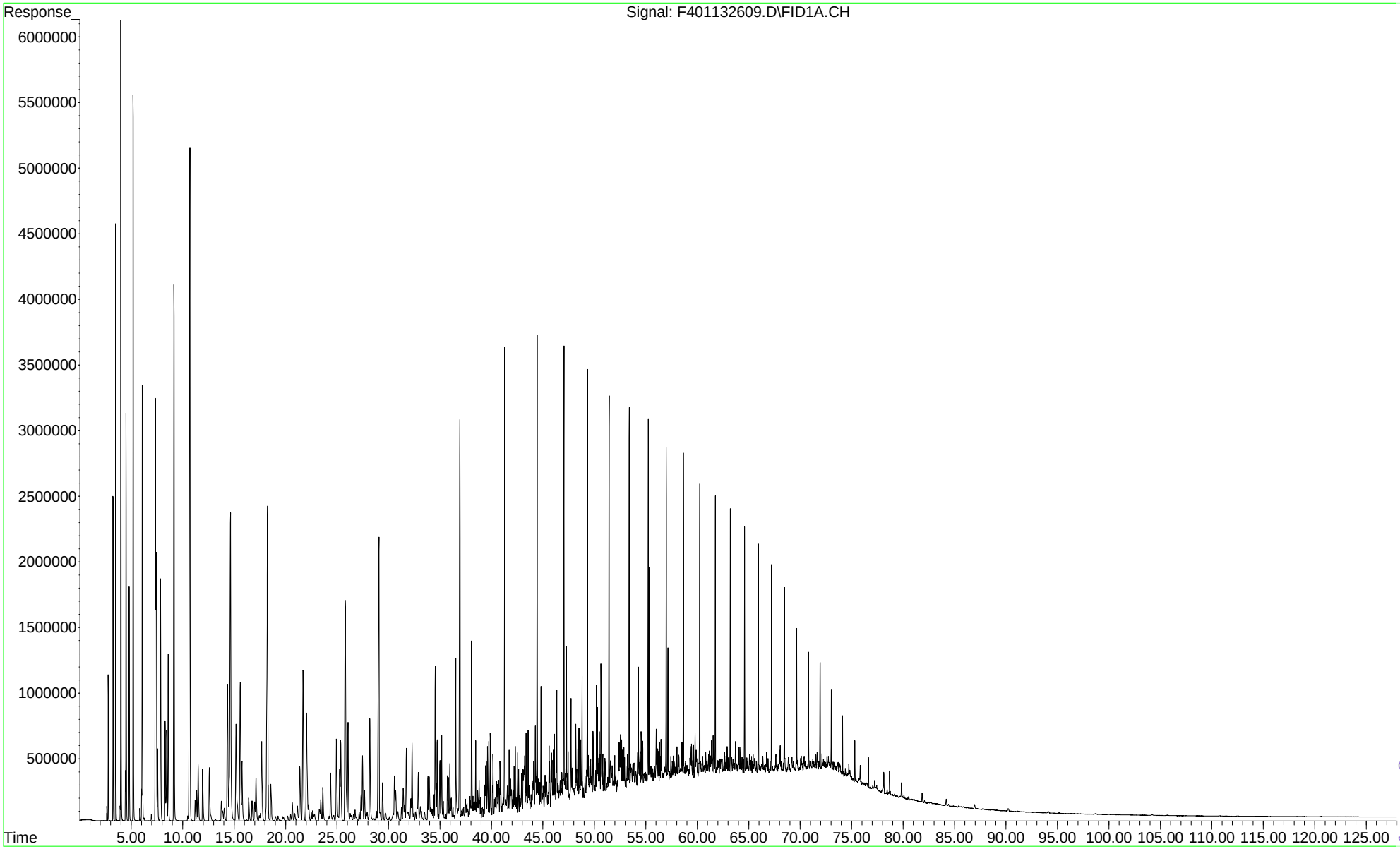

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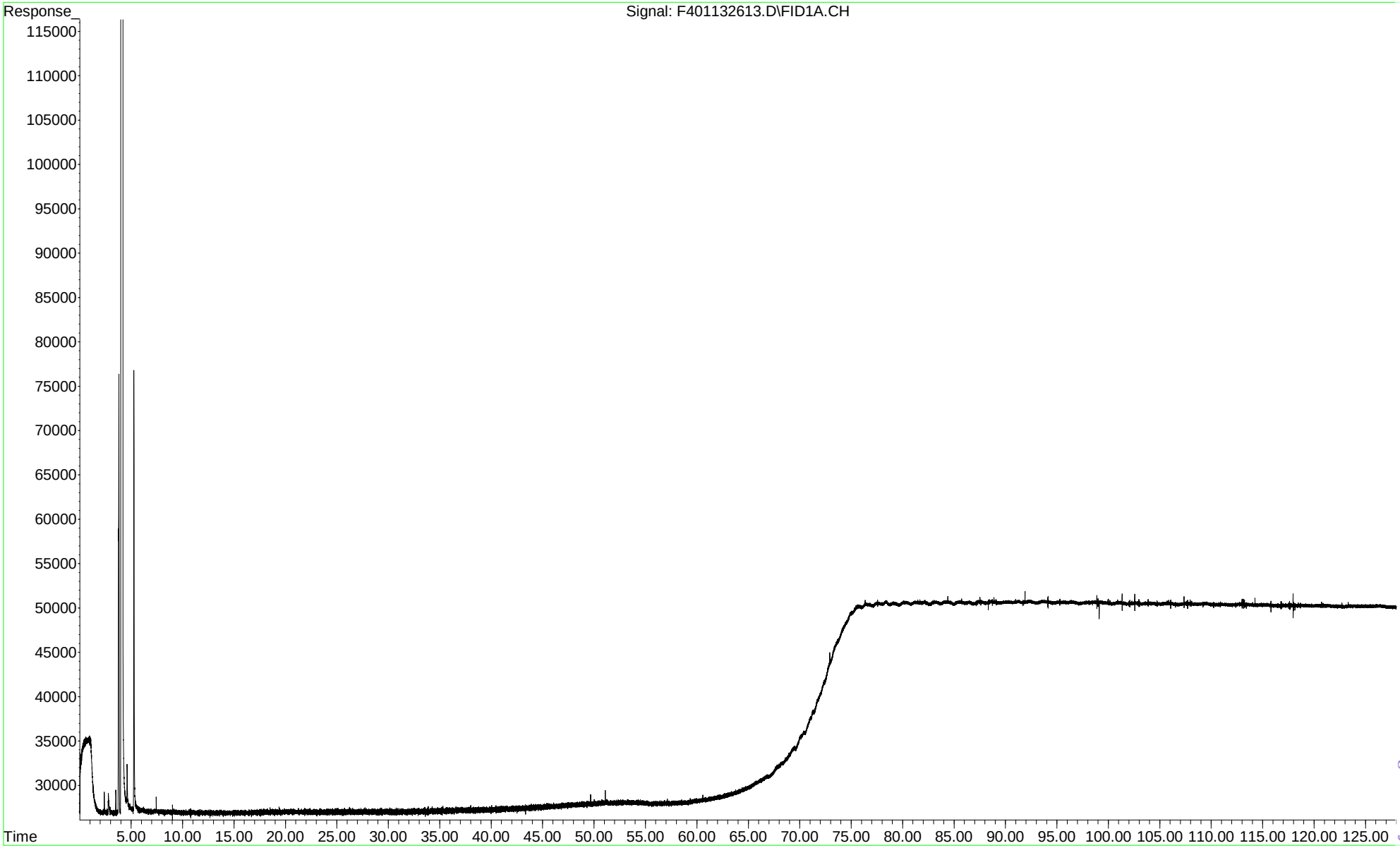
Operator :
Acquired : 14 Jan 2026 10:59 am using AcqMethod PAH4WO.M
Instrument : PAH 4
Sample Name: DCM
Misc Info :
Vial Number: 7



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Received by OCD: 6/15/2026 7:23:14 PM

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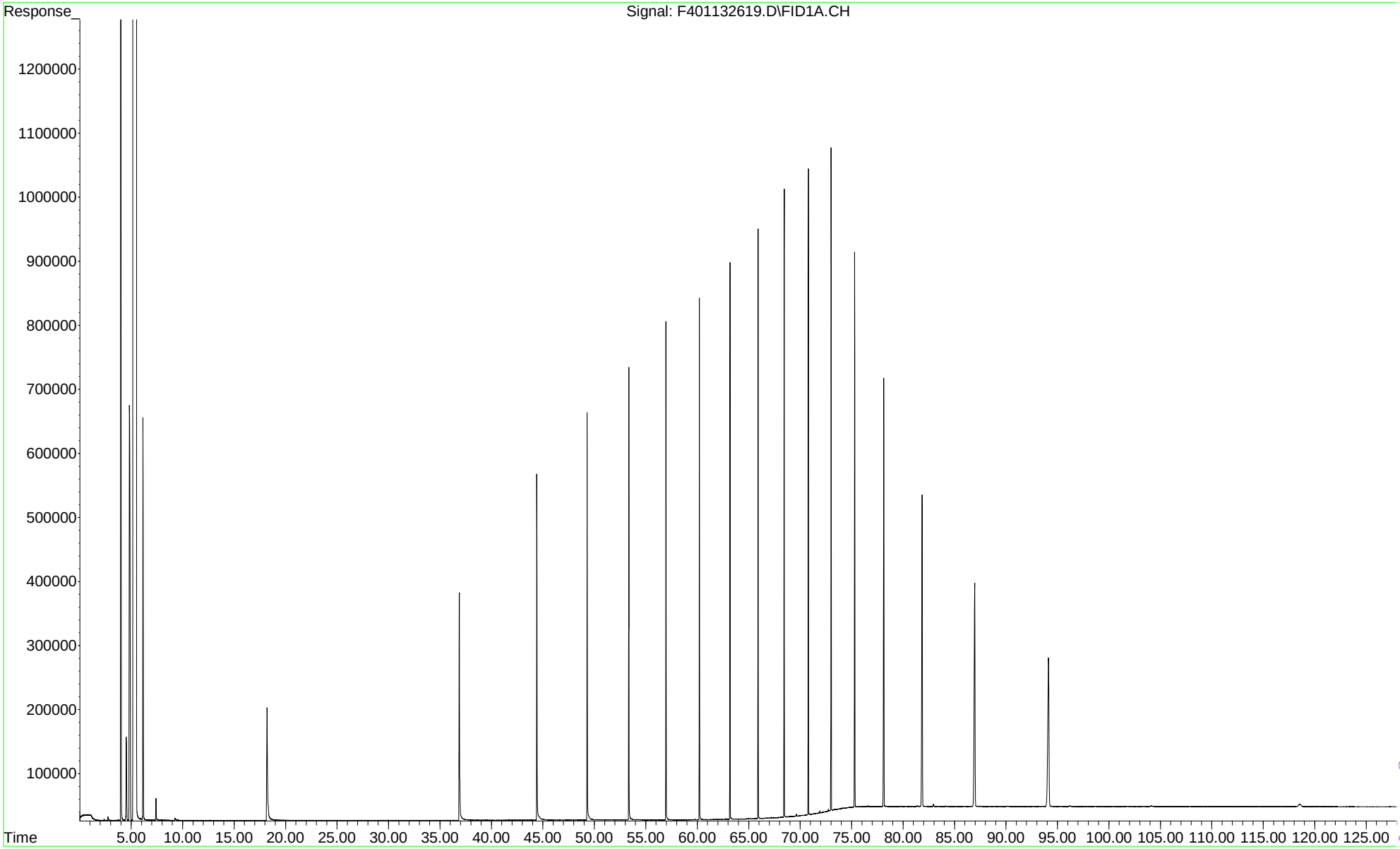
Operator :
Acquired : 14 Jan 2026 6:33 pm using AcqMethod PAH4WO.M
Instrument : PAH 4
Sample Name: ccv
Misc Info :
Vial Number: 10



Sample Delivery Group Summary

Pace Job Number : L2600217
Received : 05-JAN-2026
Reviewer : Bethany Bedard

Account Name : NewFields
Project Number : 000646047.0000.0000
Project Name : HFSNR-ARTESIA - PSH ANALYSIS

Delivery Information

Samples Delivered By : Express Ship
FedEx (397254492855)

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
N/A	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

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Technical Report

NewFields

This report shall not be reproduced, except in its entirety, without the written approval of Triton Analytics Corp. Test results relate only to samples analyzed.

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16840 Barker Springs #302
Houston, Texas 77084

(281) 578-2289
Fax: (281) 578-2295
info@TritonAnalytics.com

Triton Analytics Corp.
Reference Laboratories
- Hydrocarbon
- Chemical
- Environmental

www.TritonAnalytics.com

Dan Villalanti, *Pres.* • Kati Tittel, *Lab Director* • Joy Cocchiara, *Mass Spec* • David Wadsworth, *Chemist*

ERM NewFields
300 Ledgewood Place #305
Rockland, MA 02370

Ted Healey
ehealey@newfields.com

Dear Mr. Healey,

This report represents the summary of technical findings relative to the Density, Relative Density and API analysis on the sample received from your lab. The job number for NewFields is L2600217 and for Triton Analytics Corp. the corresponding job number is 13012.

If you have any questions or concerns, please contact me by phone or email.

Kind regards,
Triton Analytics Corp.

Dan Villalanti, President

16840 Barker Springs #302
Houston, Texas 77084

(281) 578-2289
Fax: (281) 578-2295
info@TritonAnalytics.com

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Dan Villalanti, *Pres.* • Kati Tittel, *Lab Director* • Joy Cocchiara, *Mass Spec* • David Wadsworth, *Chemist*

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3.1: CERTIFICATE OF ANALYSIS Density, Relative Density and API 7

16840 Barker Springs #302
Houston, Texas 77084

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Dan Villalanti, *Pres.* • Kati Tittel, *Lab Director* • Joy Cocchiara, *Mass Spec* • David Wadsworth, *Chemist*

Sample Summary

Sample Container	Sample ID	Matrix	Date Received
30ml Vial	L2600217-01B MW-151 Sampled: 12/29/2025	Liquid	01/08/2026

16840 Barker Springs #302
Houston, Texas 77084

(281) 578-2289
Fax: (281) 578-2295
info@TritonAnalytics.com

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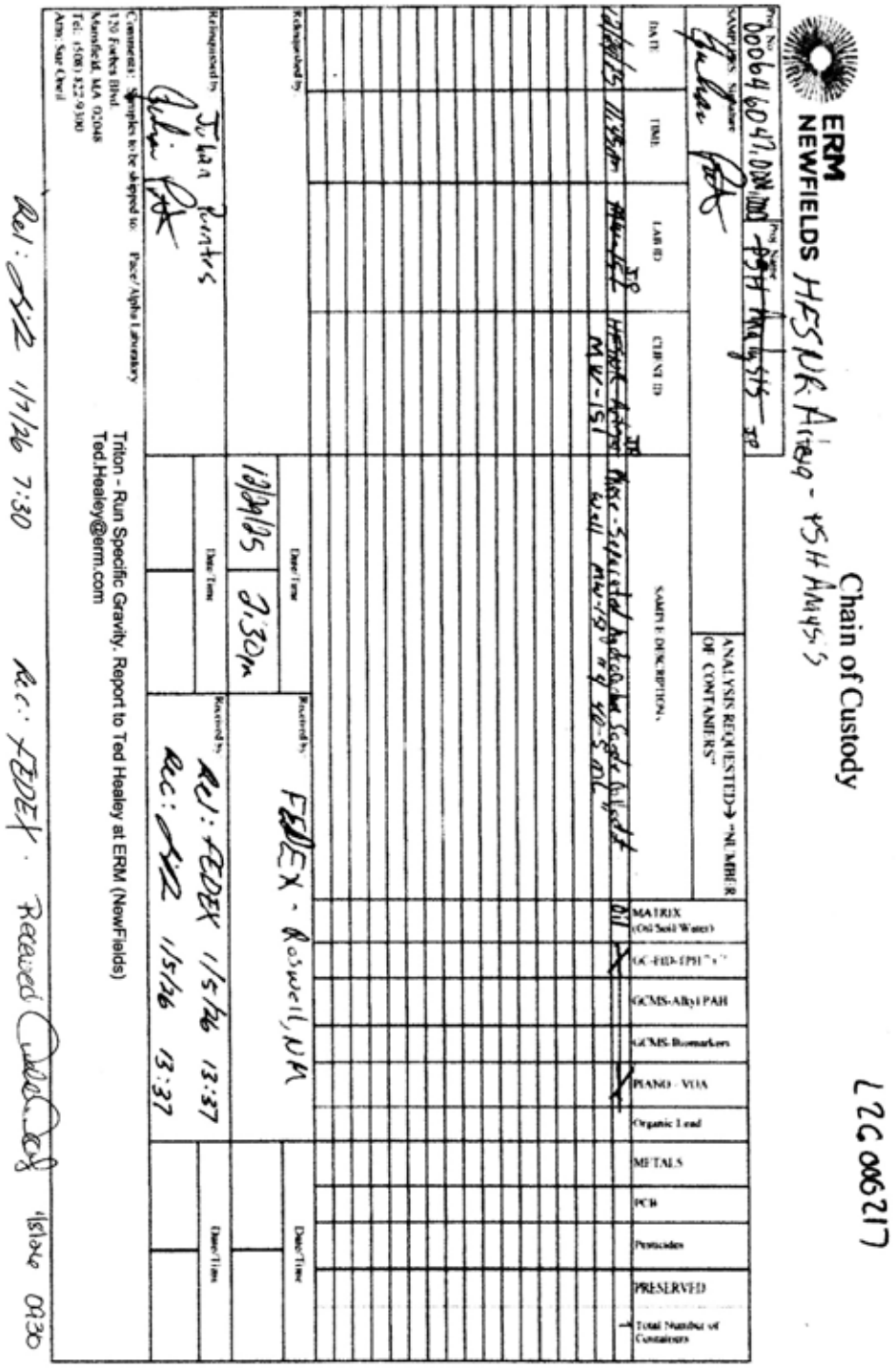

ERM NEWFIELDS HFSUK Airbag - 15 HAWKS

Chain of Custody

L2600217

Triton - Run Specific Gravity. Report to Ted Healey at ERM (NewFields)
Ted.Healey@erm.com

Rel: KM 1/7/26 7:30 Rec: FEDEX. Received 1/8/26 0930

16840 Barker Springs #302
Houston, Texas 77084

(281) 578-2289
Fax: (281) 578-2295
info@TritonAnalytics.com

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Reference Laboratories
- Hydrocarbon
- Chemical
- Environmental

www.TritonAnalytics.com

Dan Villalanti, *Pres.* • Kati Tittel, *Lab Director* • Joy Cocchiara, *Mass Spec* • David Wadsworth, *Chemist*

Background

The sample was received January 08, 2026, and the chain of custody was duly executed. The chain of custody did not indicate the analysis required. Email sent to Ted Healey. Receipt of response indicates that Specific Gravity is needed on the sample. Sample was logged into the LIMS system for processing.

The sample was analyzed for Density, Specific Gravity (Relative Density) and API on January 08, 2026, and the results are enclosed in this report.

16840 Barker Springs #302
Houston, Texas 77084

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- Chemical
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Dan Villalanti, *Pres.* • Kati Tittel, *Lab Director* • Joy Cocchiara, *Mass Spec* • David Wadsworth, *Chemist*

SAMPLE RESULTS

16840 Barker Springs #302
Houston, Texas 77084

(281) 578-2289
Fax: (281) 578-2295
info@TritonAnalytics.com

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- Chemical
- Environmental

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Dan Villalanti, *Pres.* • Kati Tittel, *Lab Director* • Joy Cocchiara, *Mass Spec* • David Wadsworth, *Chemist*

Certificate of Analysis

API – Density – Specific Gravity

ASTM D4052

	Submitted Sample: L2600217-01B MW-151	
Method	Test	Result
ASTM D4052	Density @ 60F, (g/cm3)	0.7892
	API Gravity @ 60 F	47.6
	Specific Gravity @ 60F	0.7900

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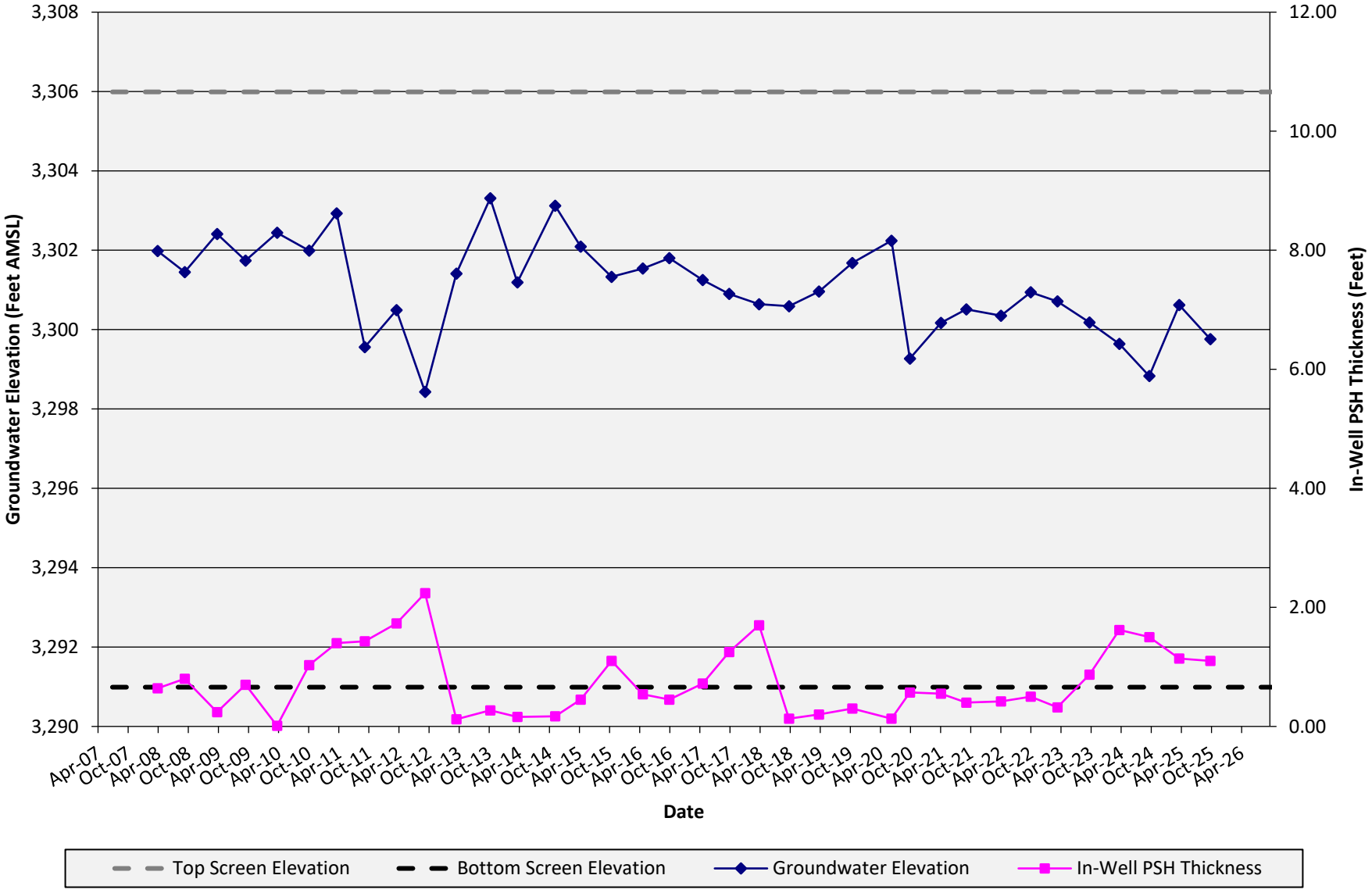
MW-85: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

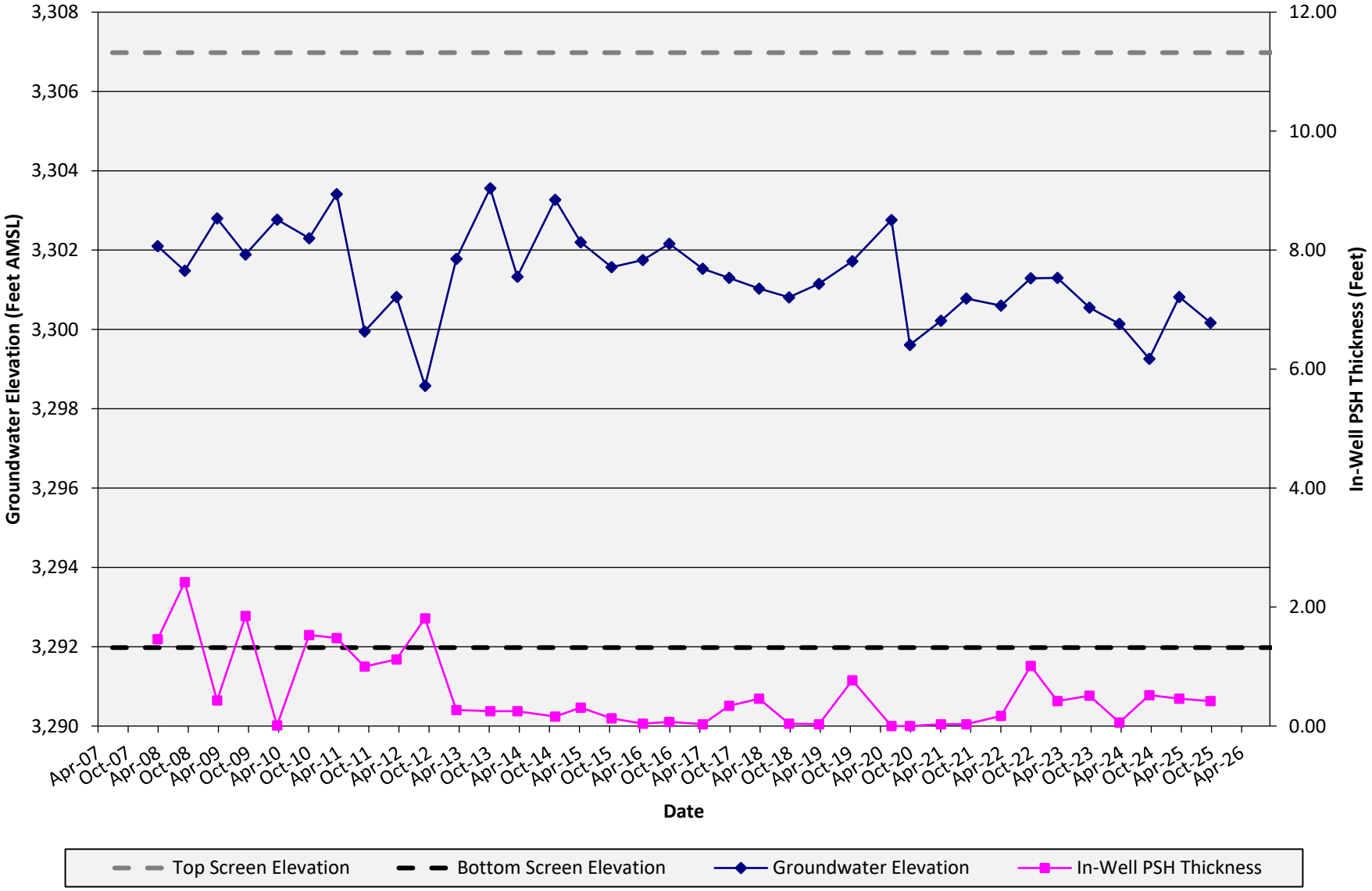


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-86: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

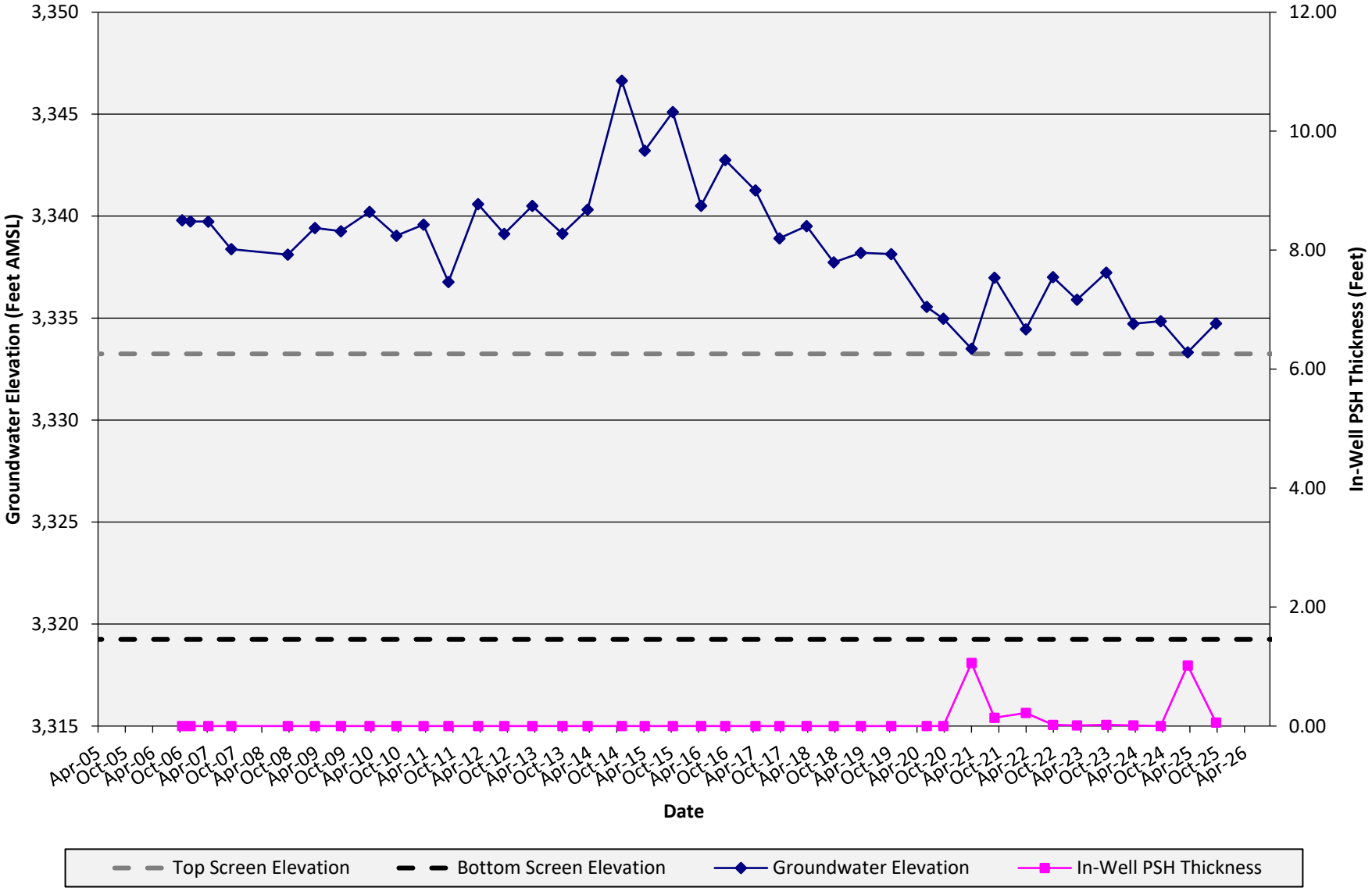


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

KWB-1A: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery



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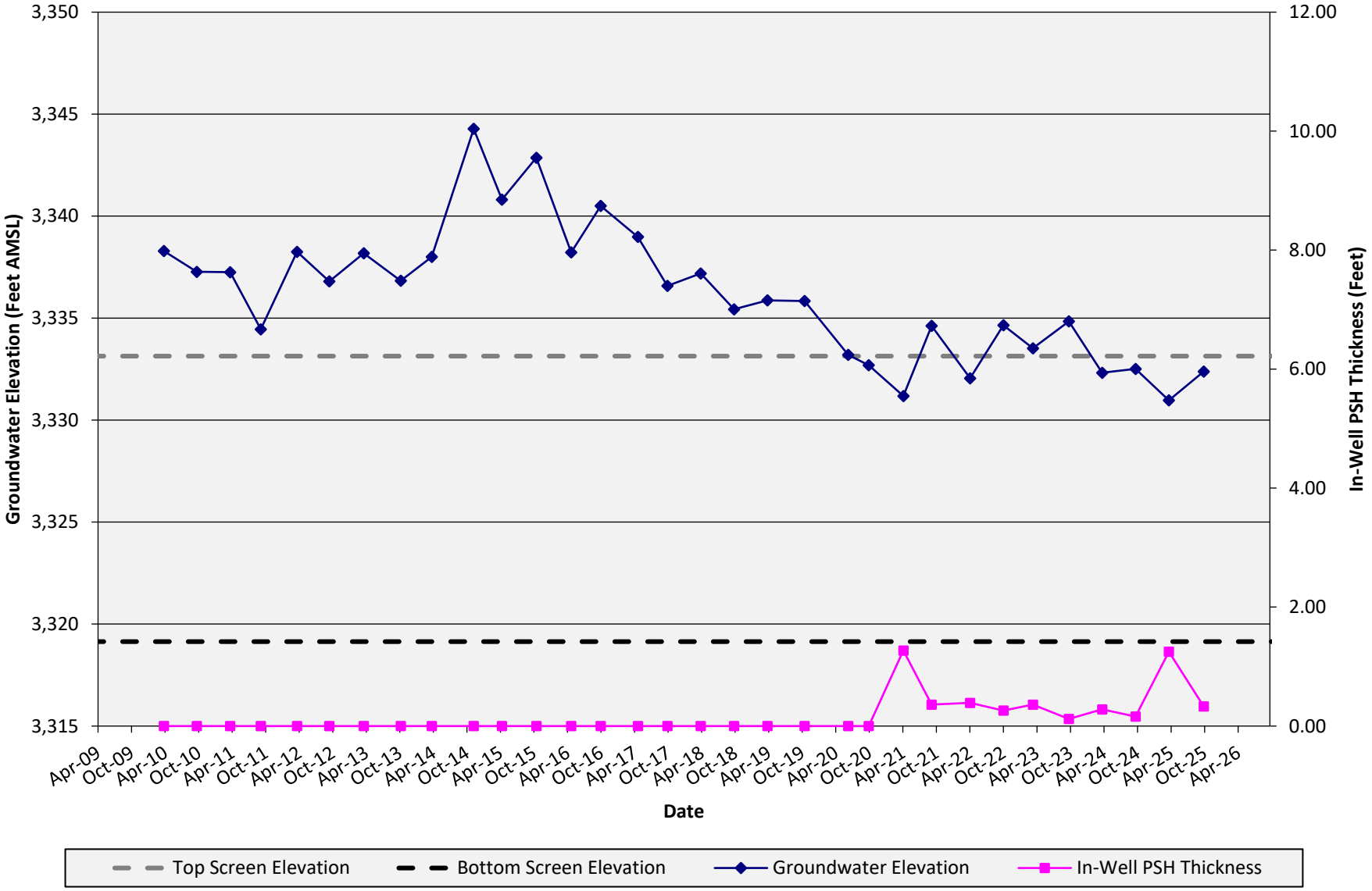
KWB-1B: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery



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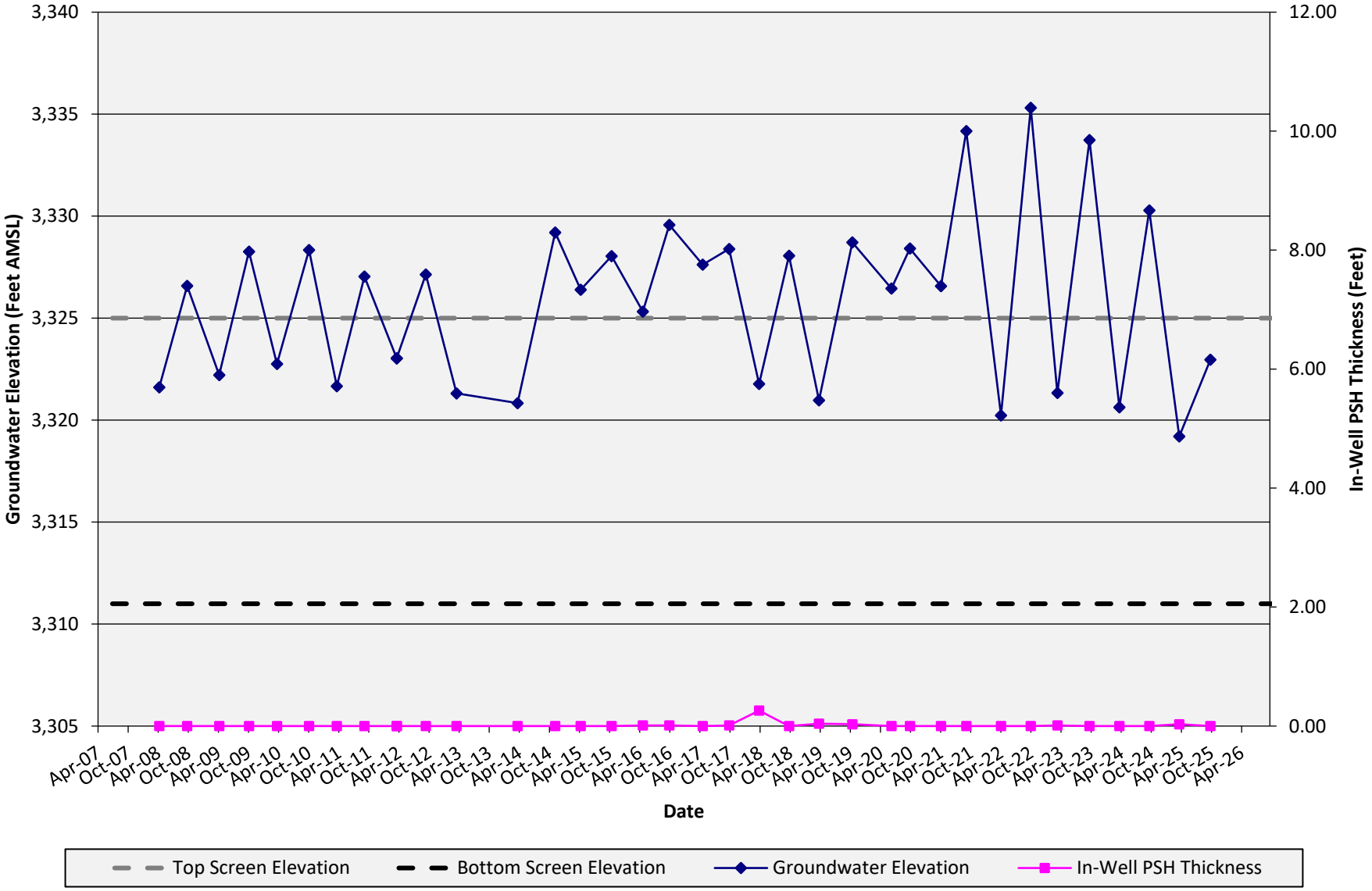
Received by OCD: 6/15/2026 7:23:14 PM

KWB-7: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery



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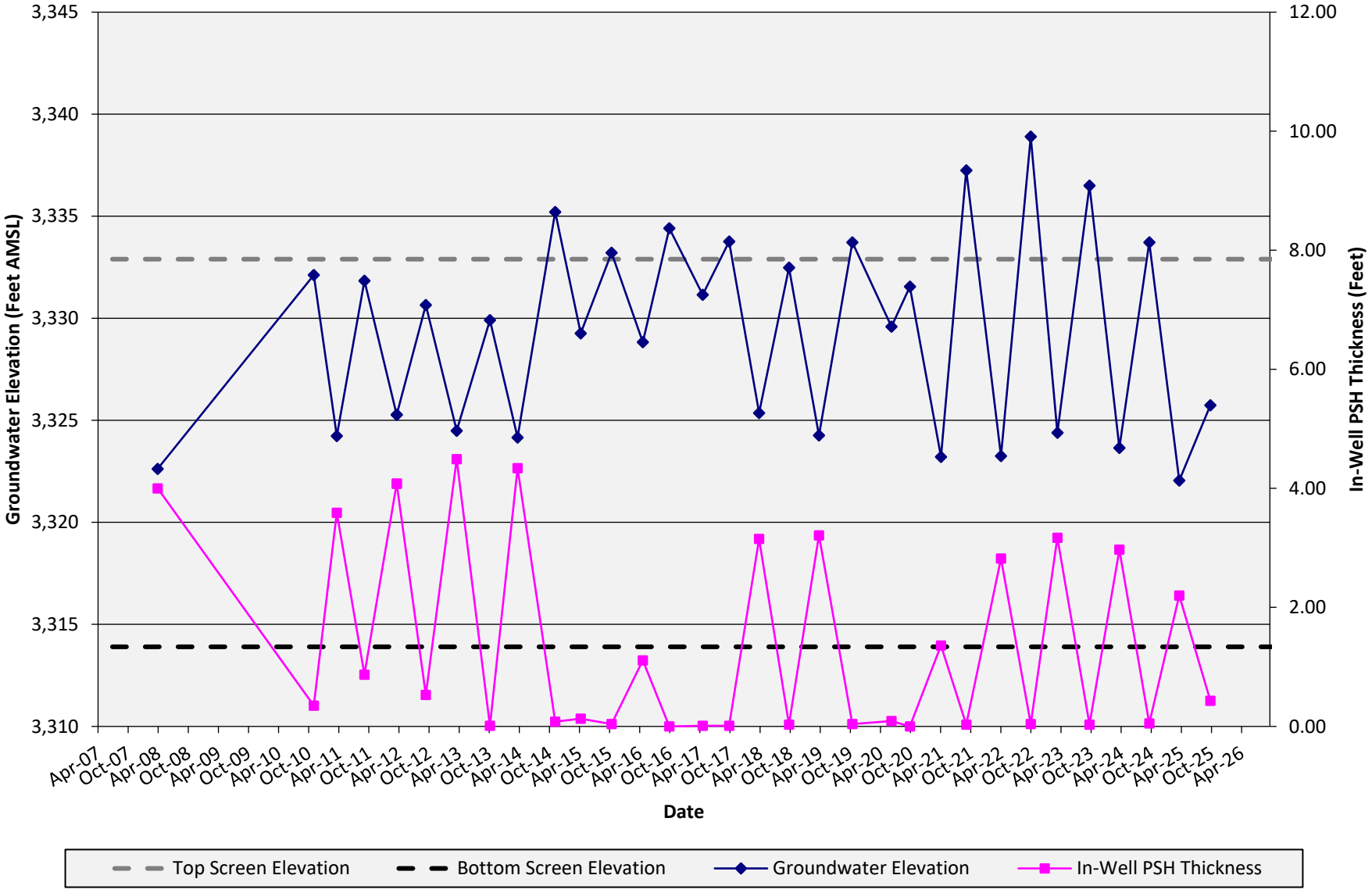
Received by OCD: 6/15/2026 7:23:14 PM

KWB-8: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery



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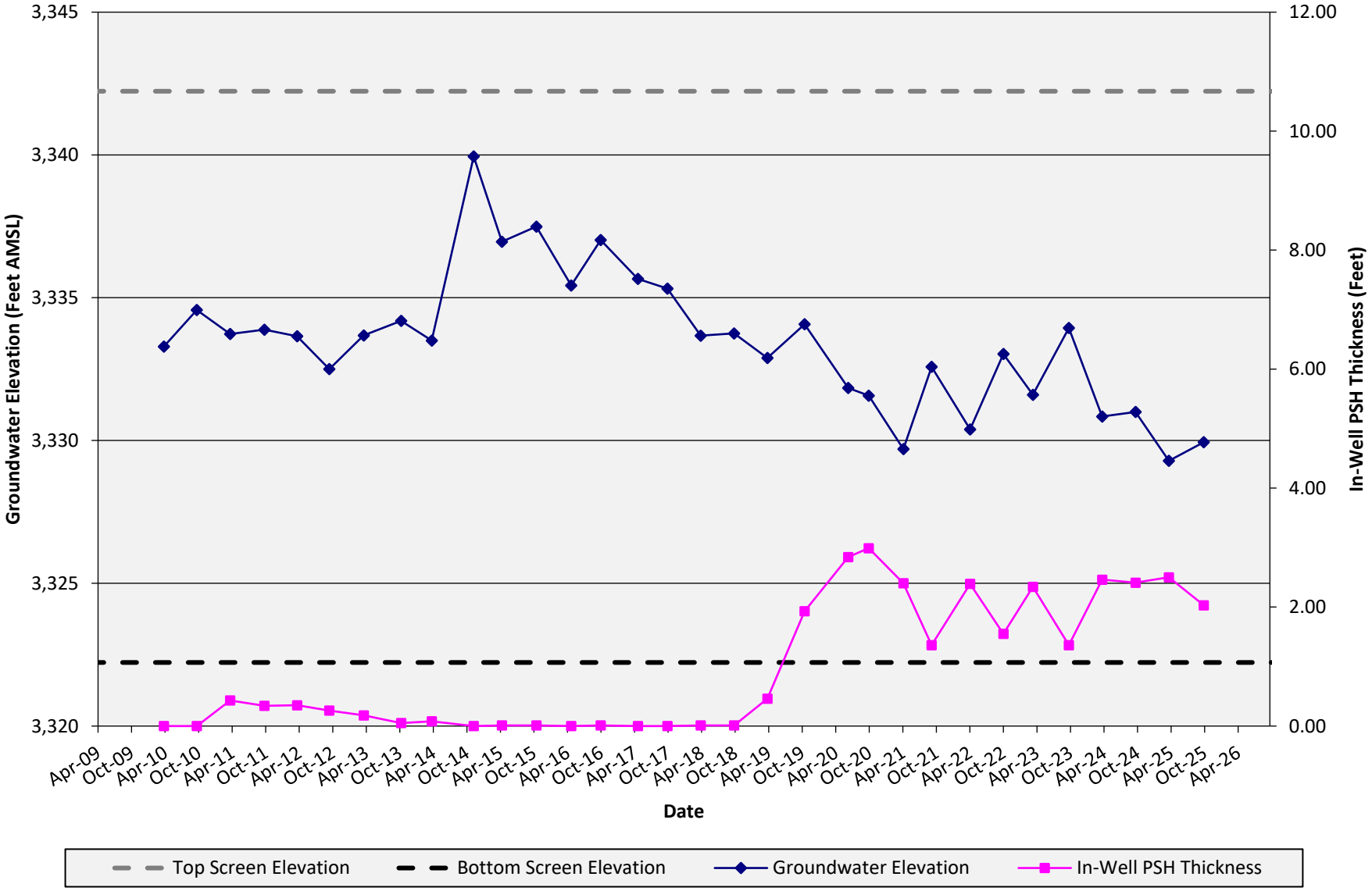
Received by OCD: 6/15/2026 7:23:14 PM

KWB-10R: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

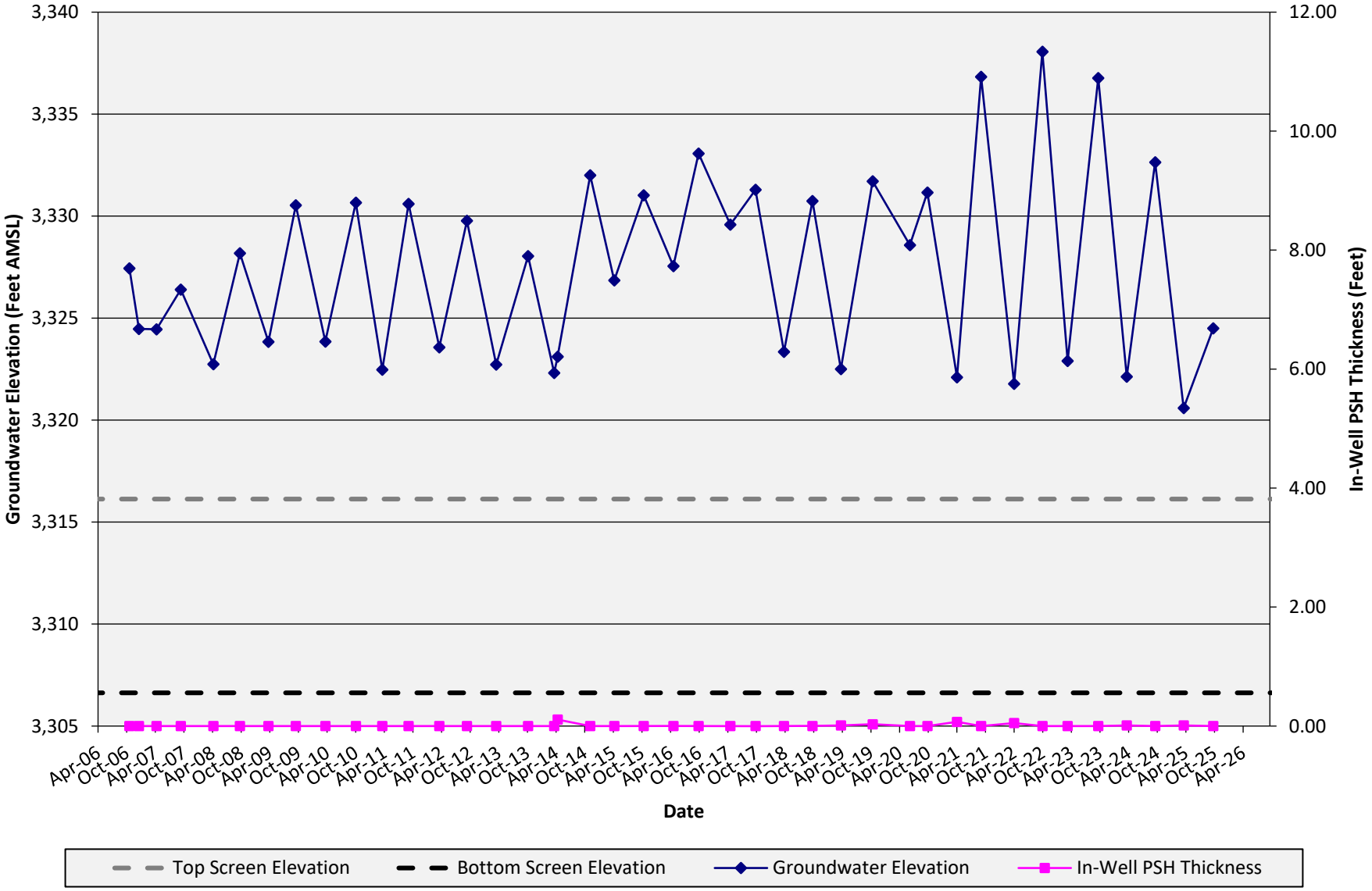


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

KWB-11A: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

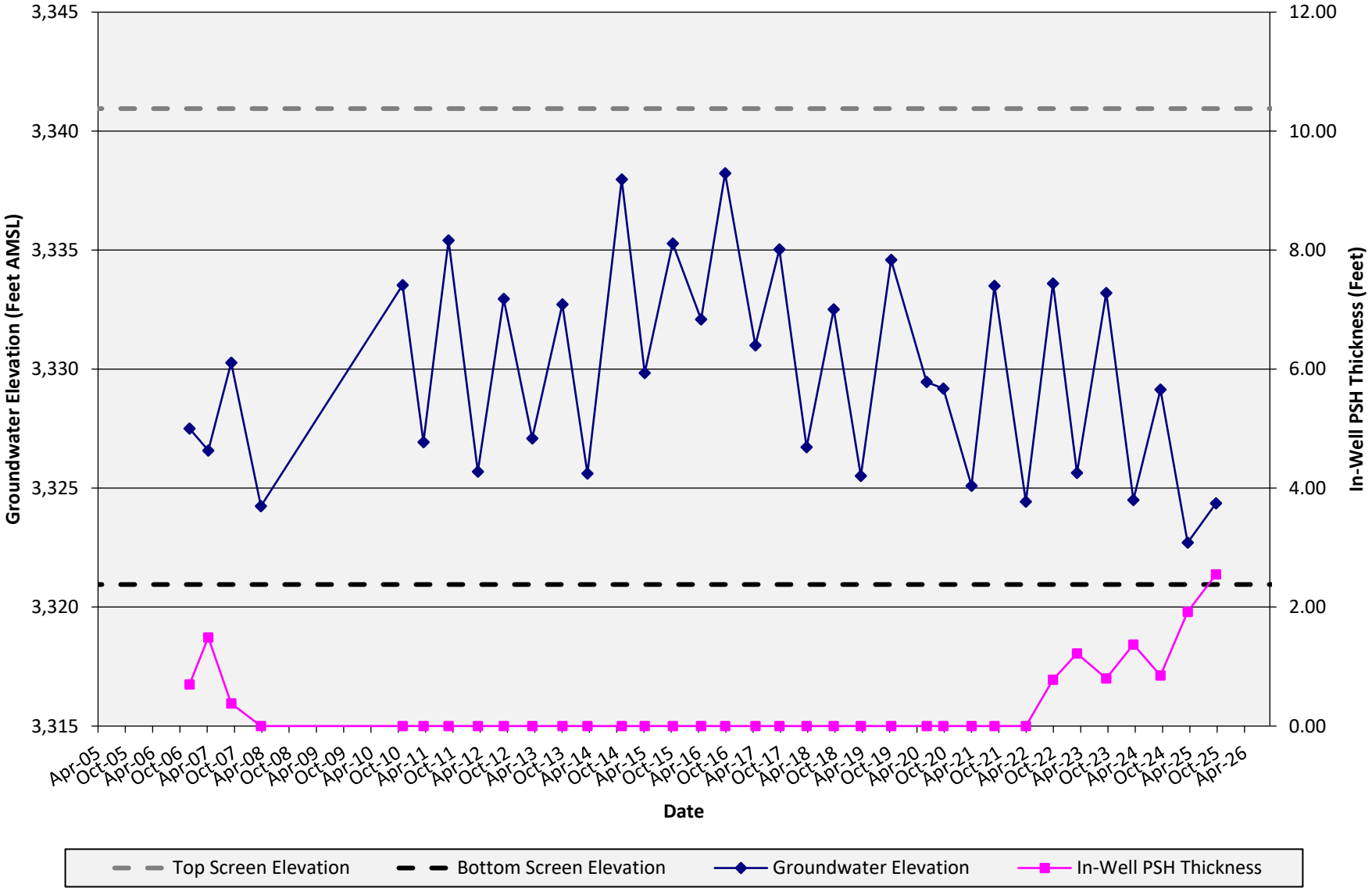


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-57: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

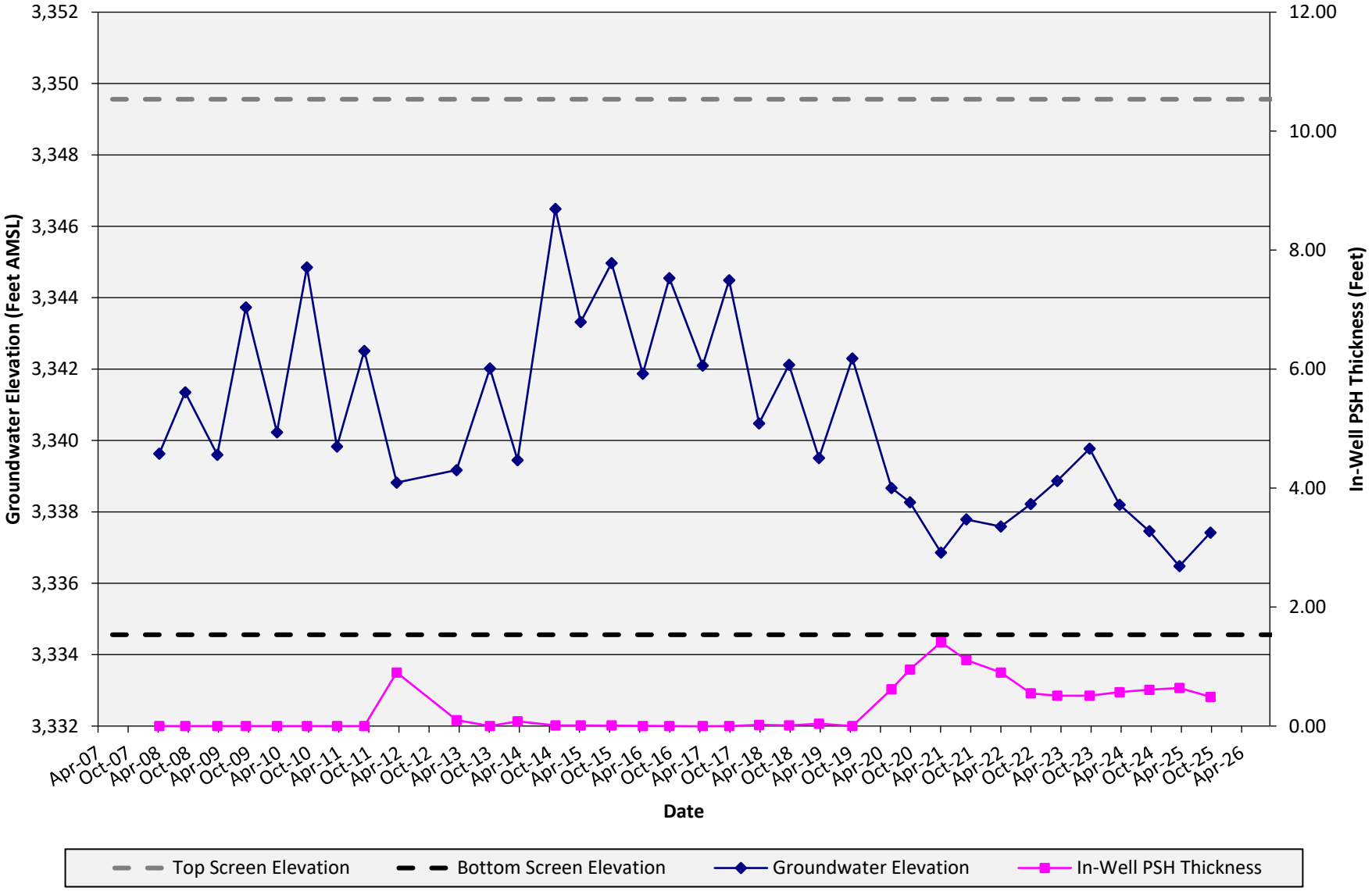


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-58: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

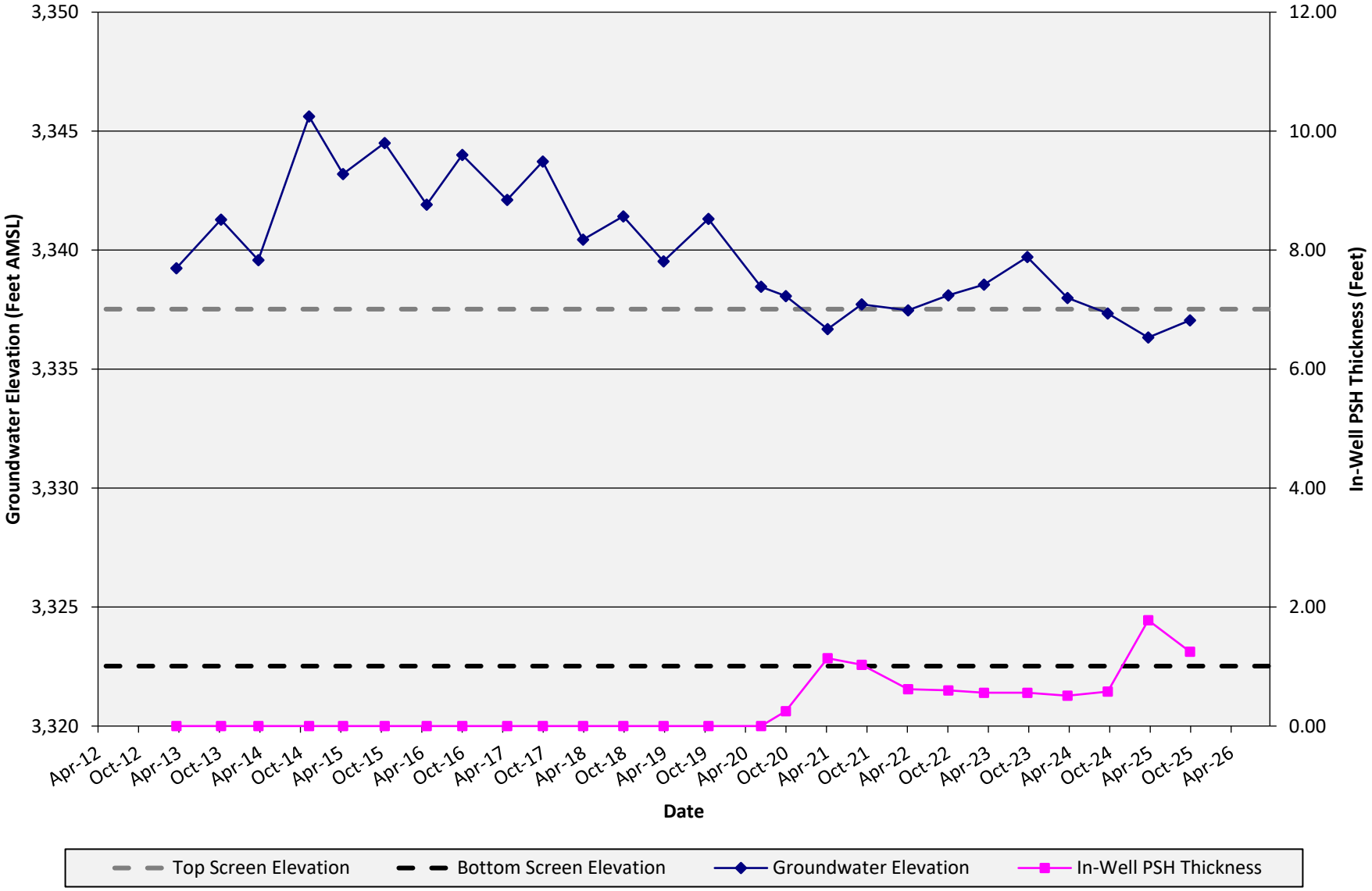


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-111: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

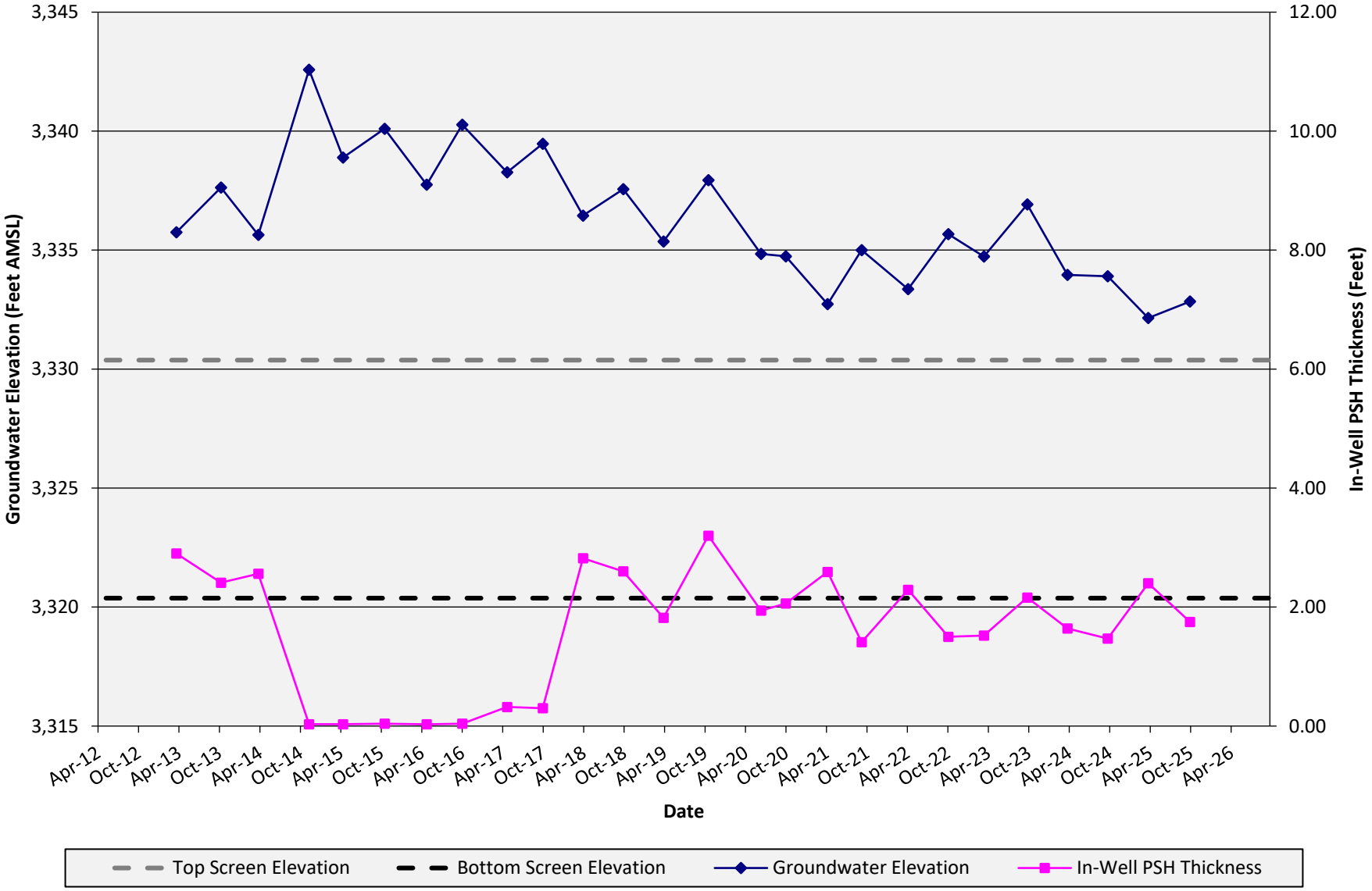


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-112: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

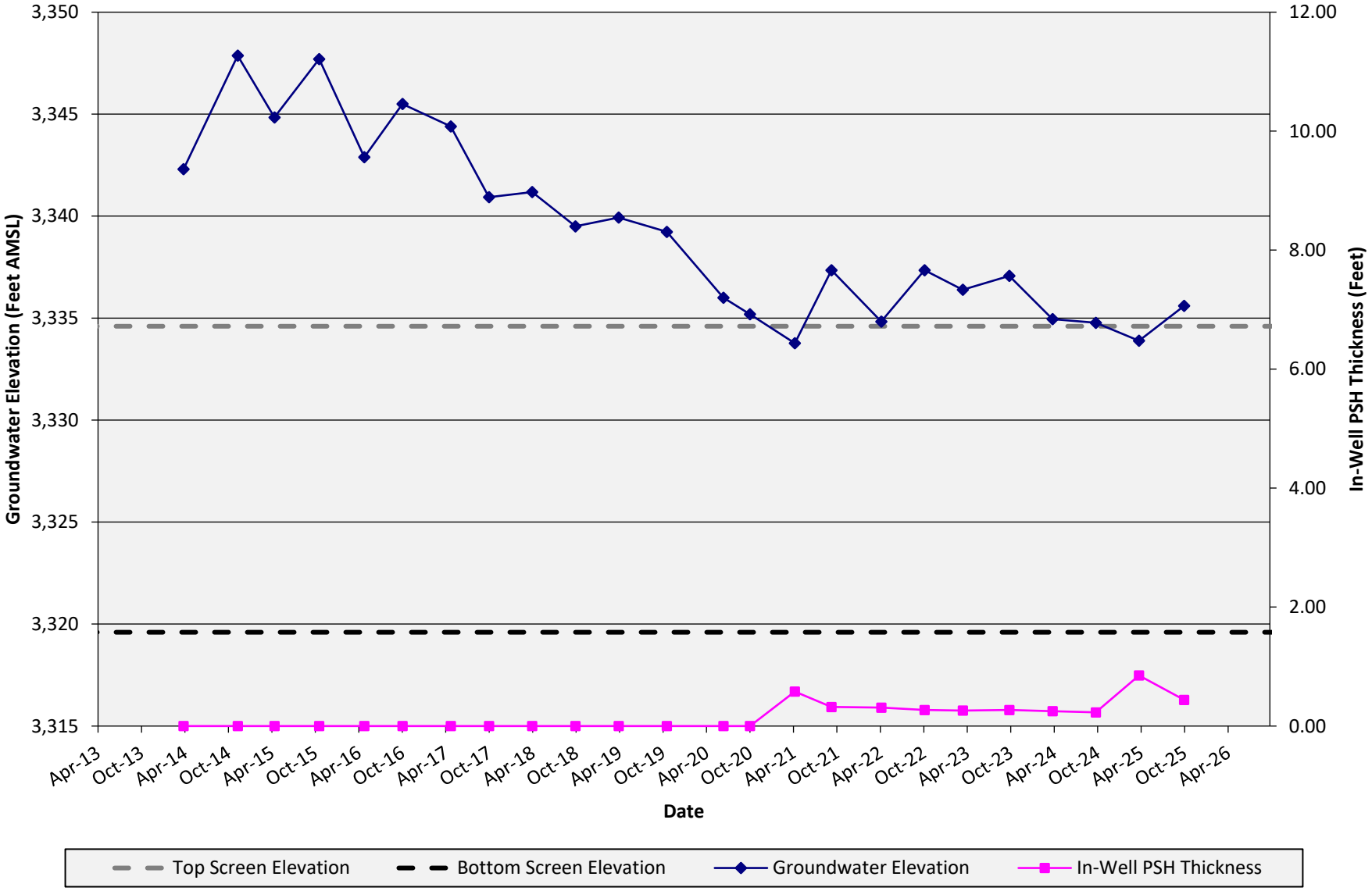


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-126A: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

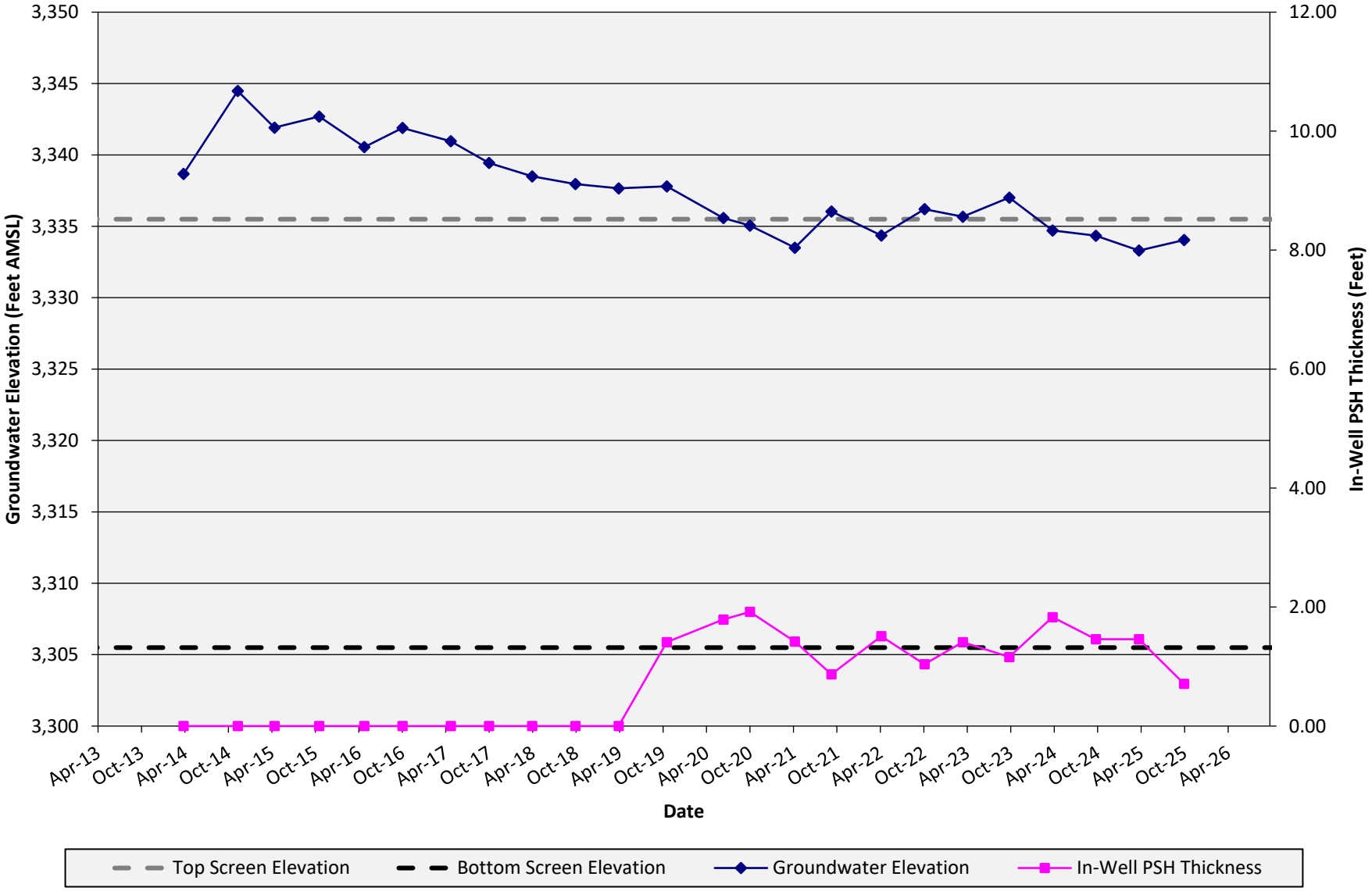


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-127: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

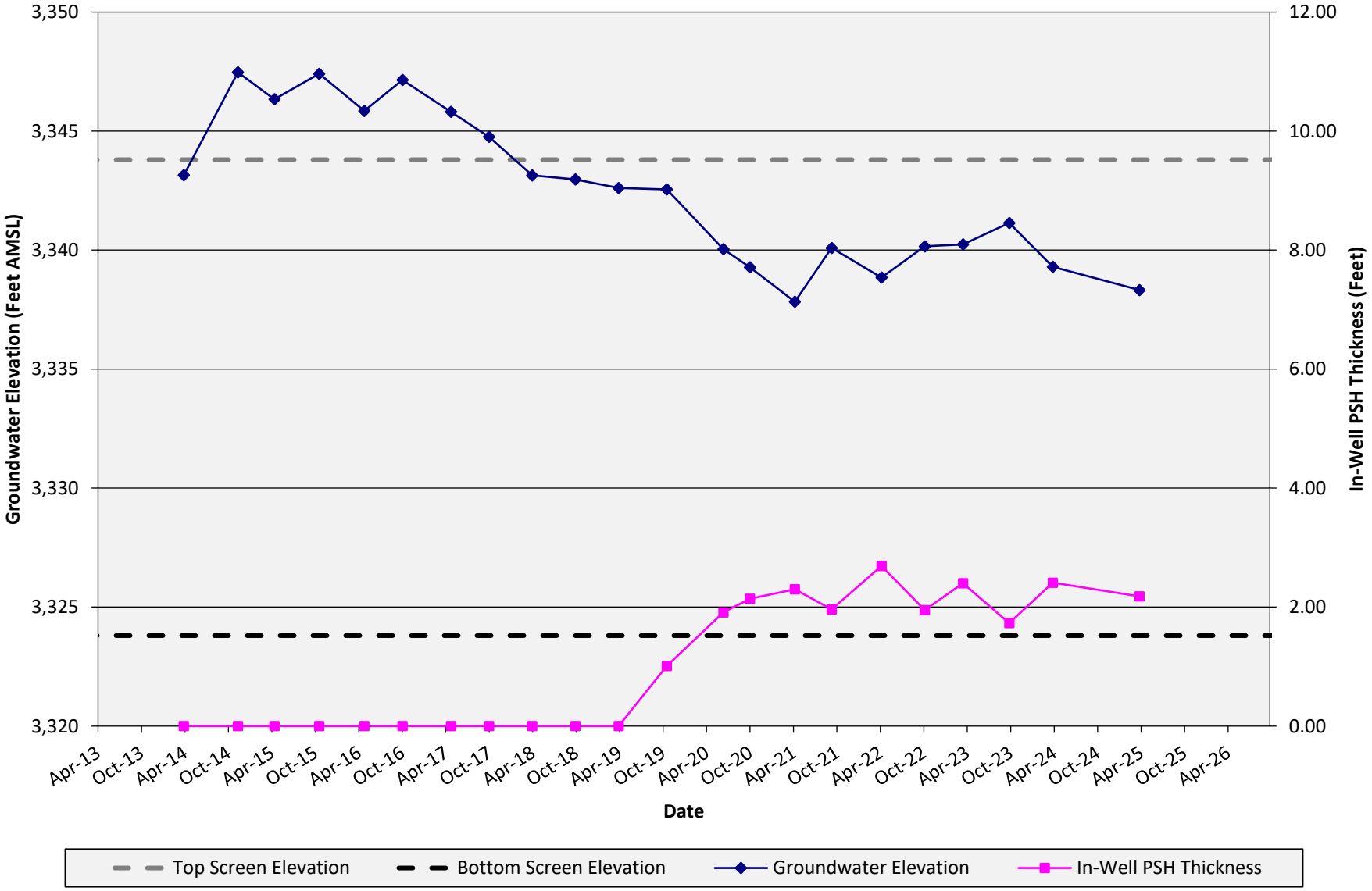


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-128: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

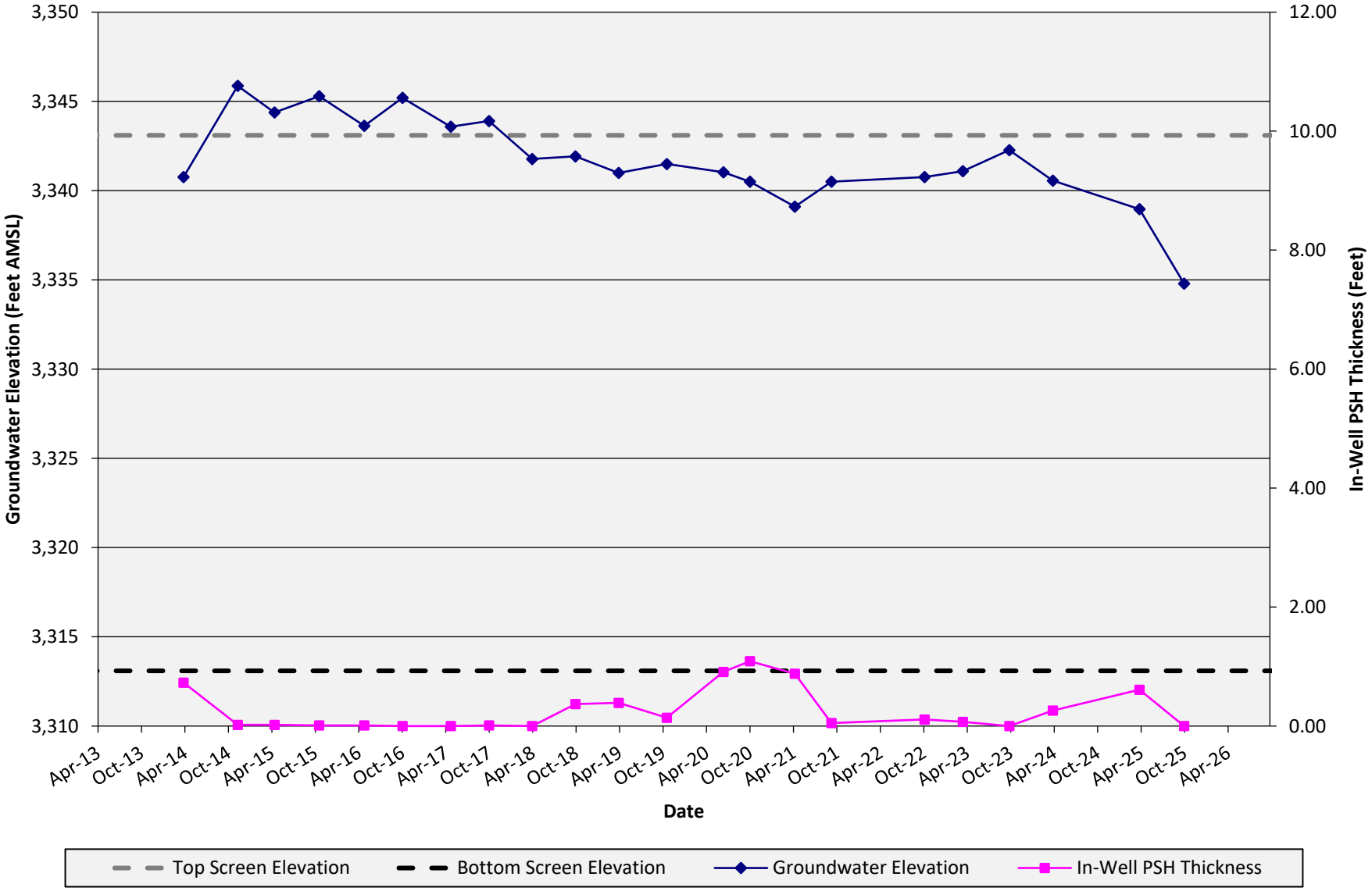


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-129: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

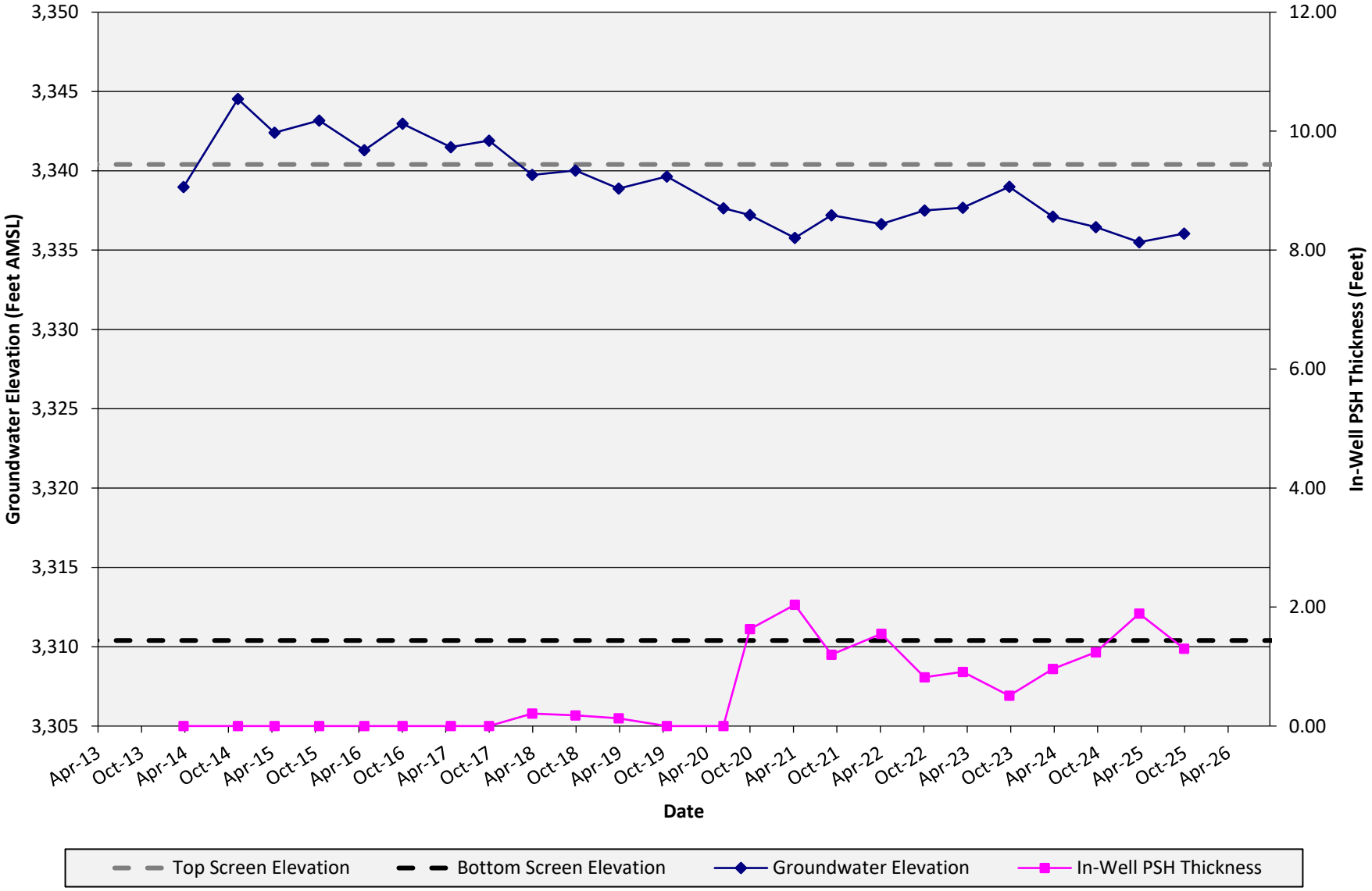


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-131: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

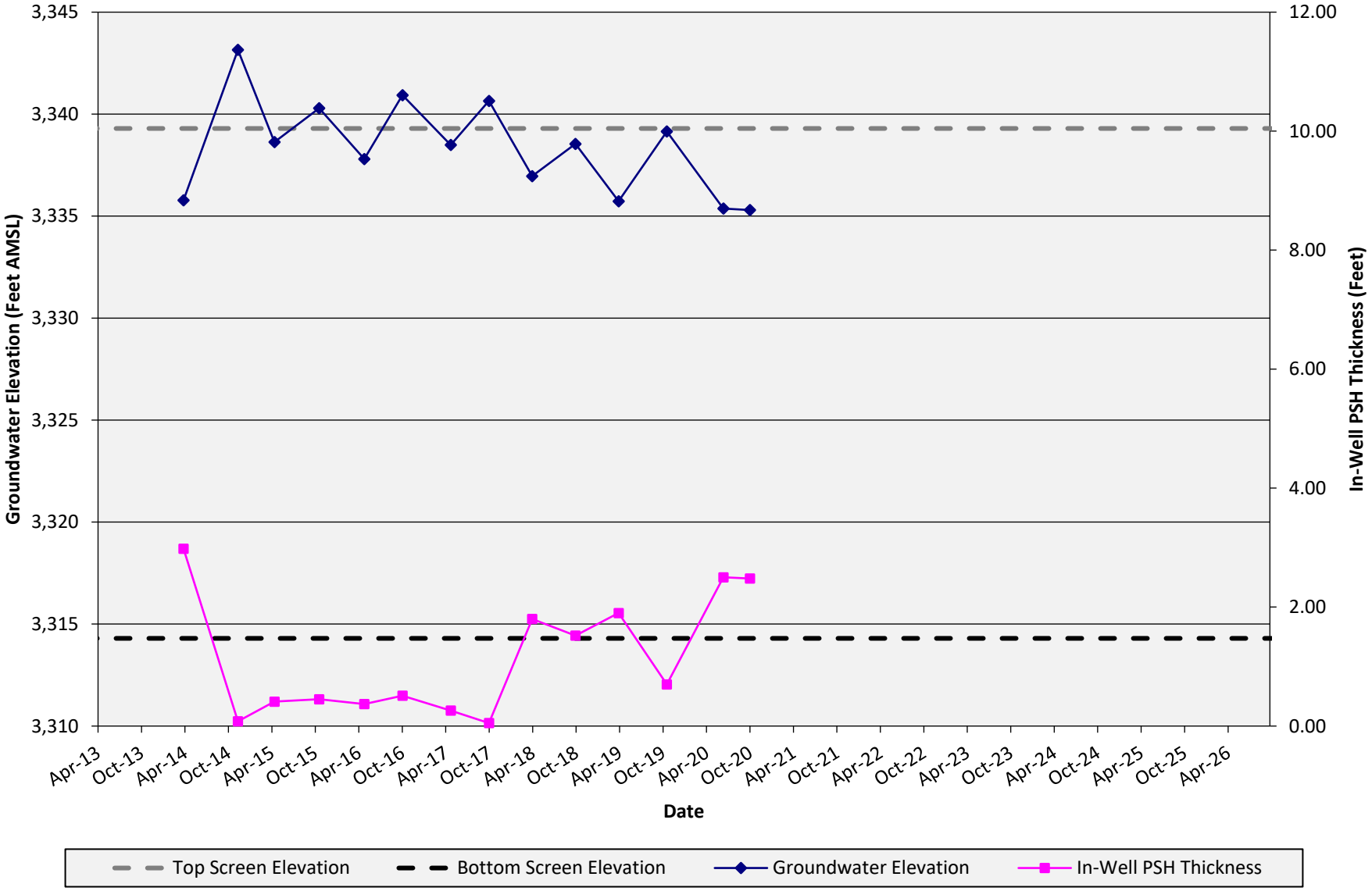


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-132: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

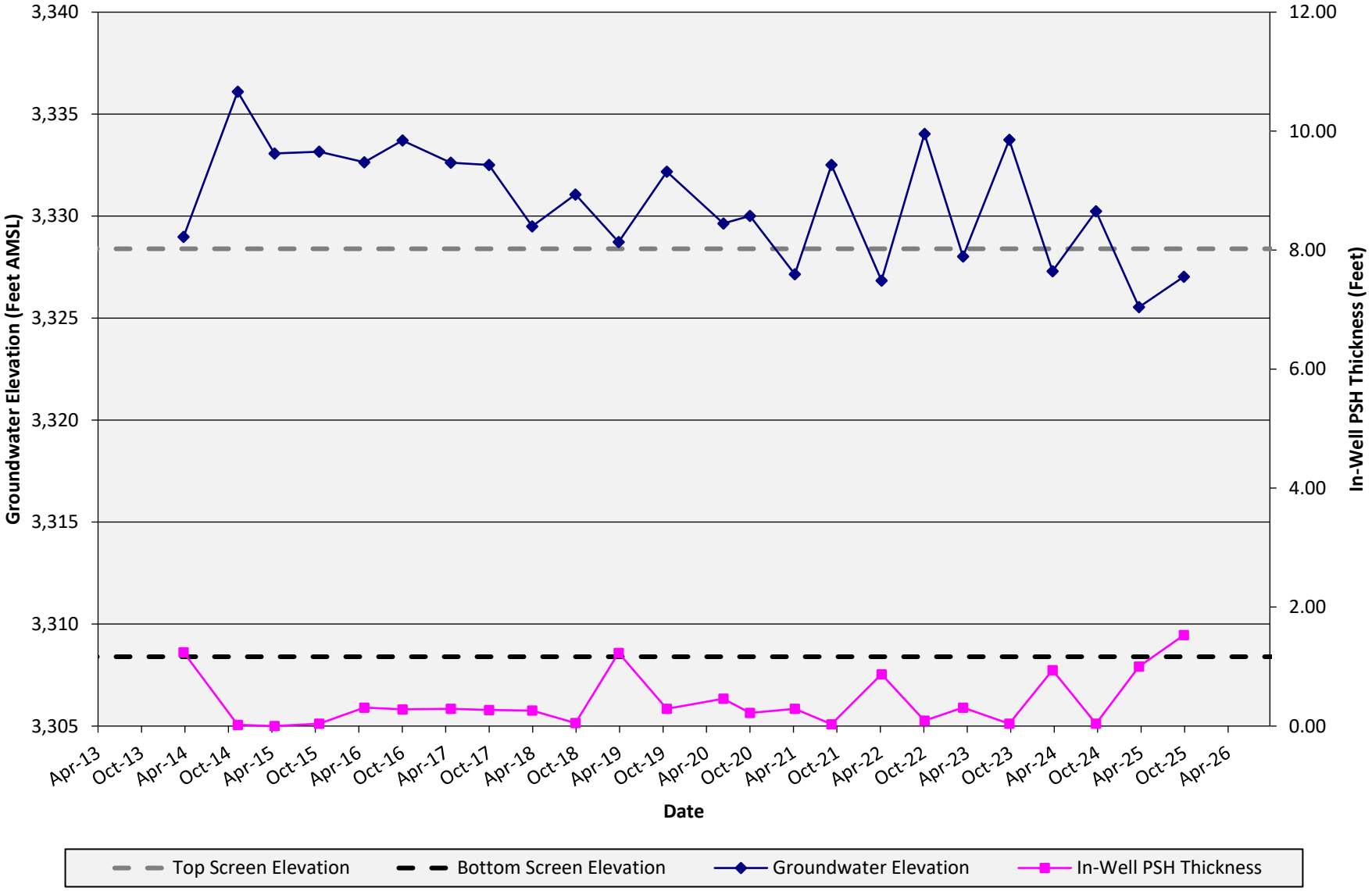


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-133: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

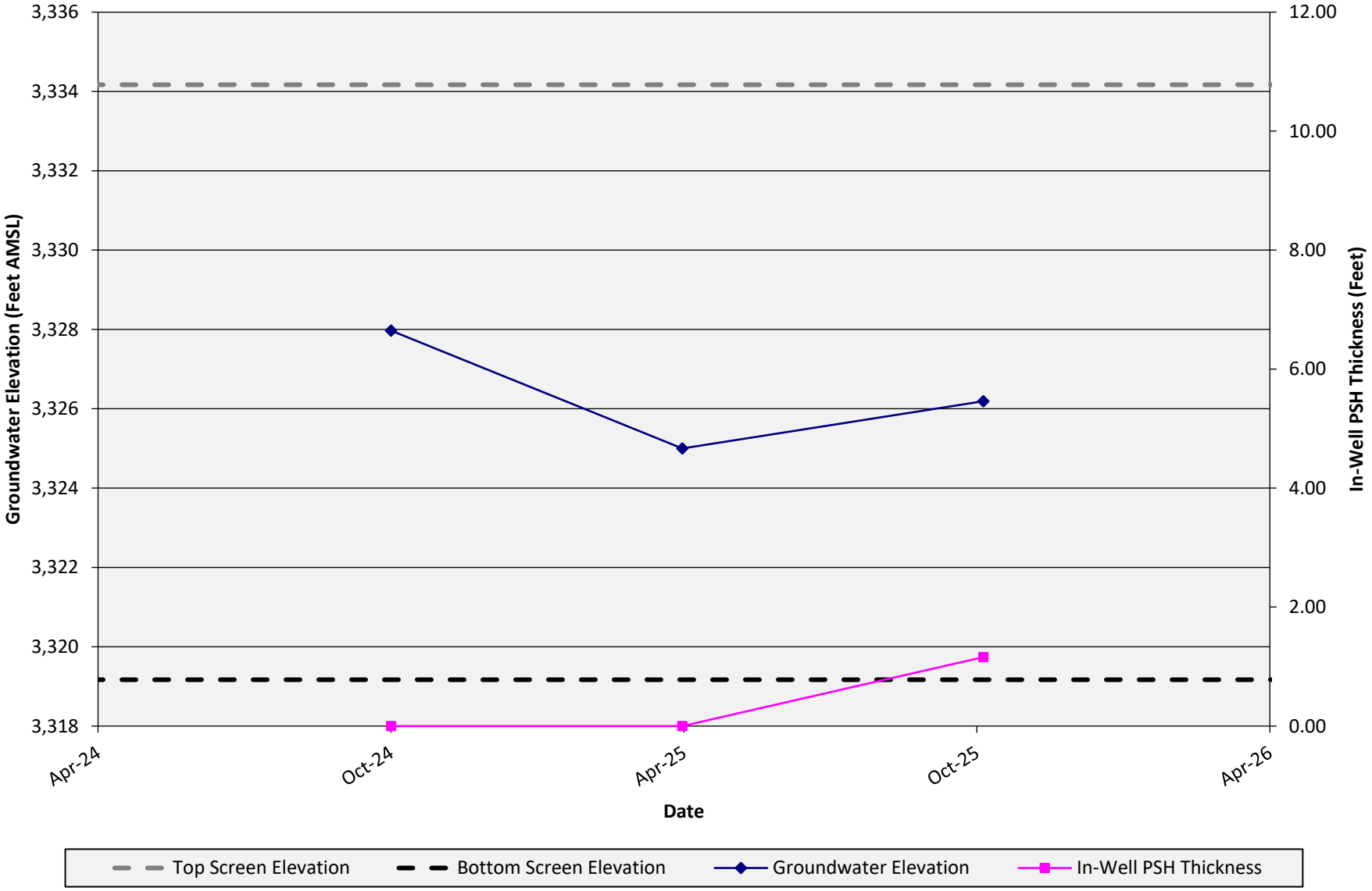
Field East of Refinery



Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-151: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery
Field East of Refinery

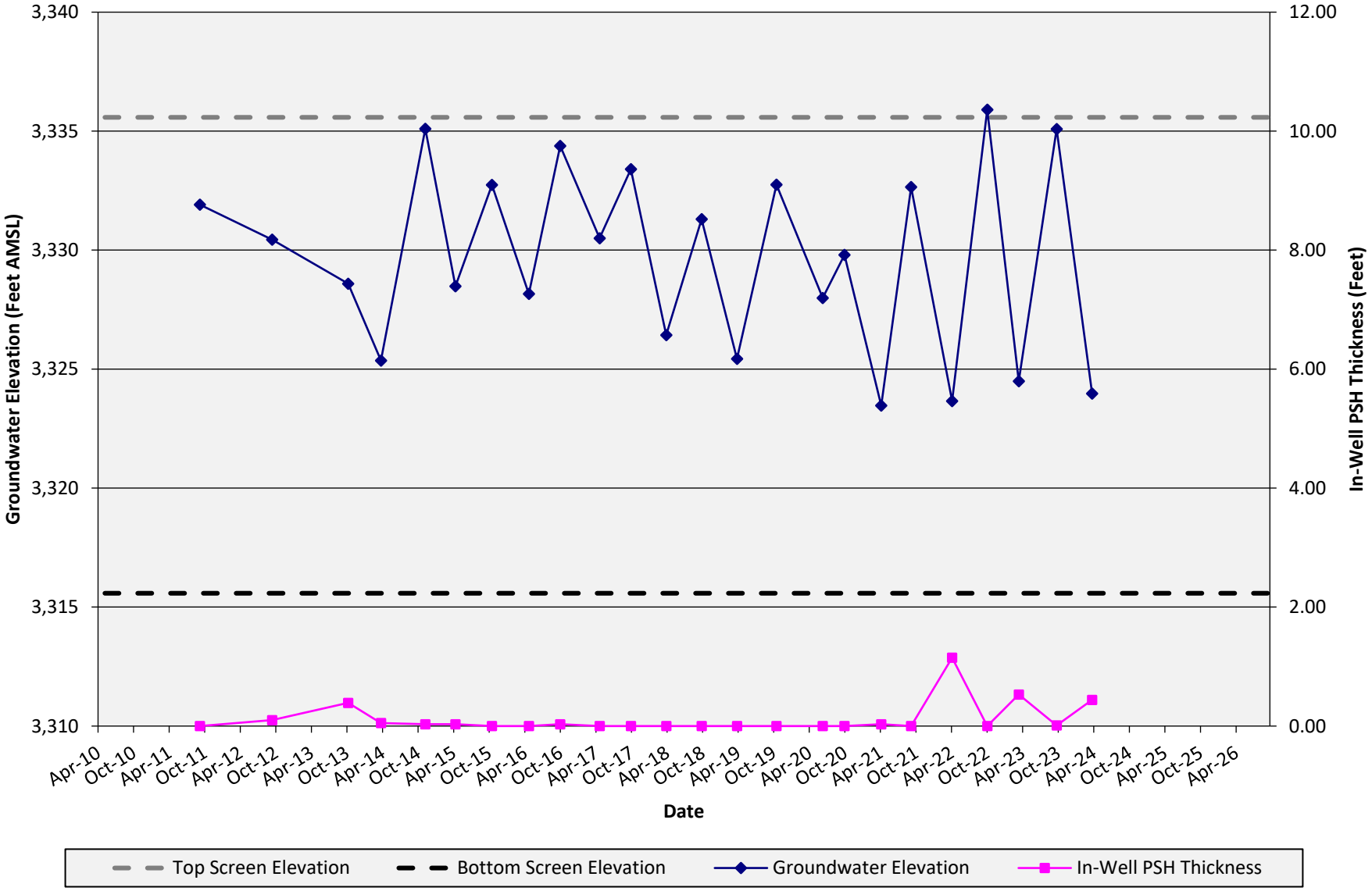


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-12R: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

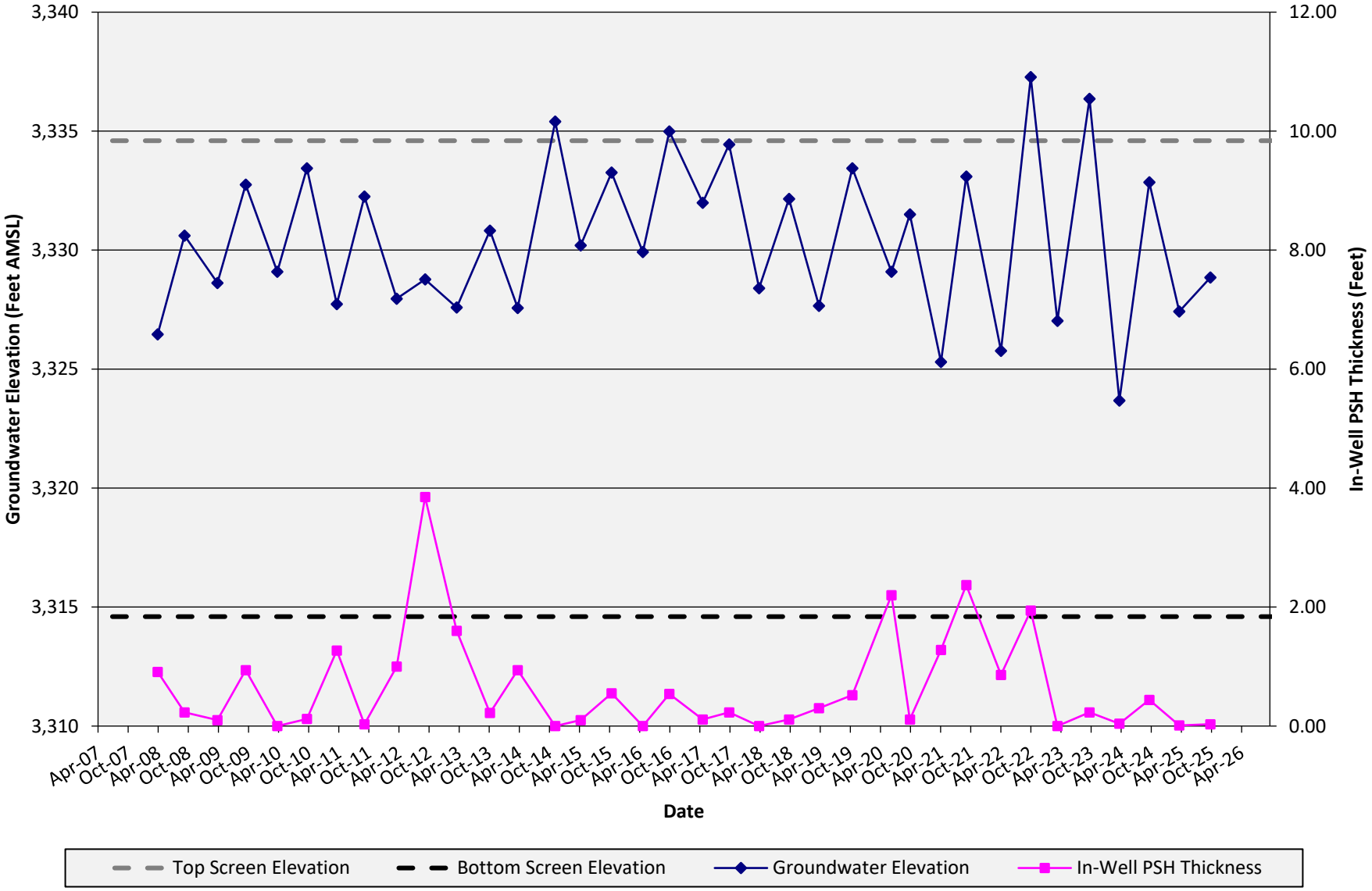


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-13R: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery



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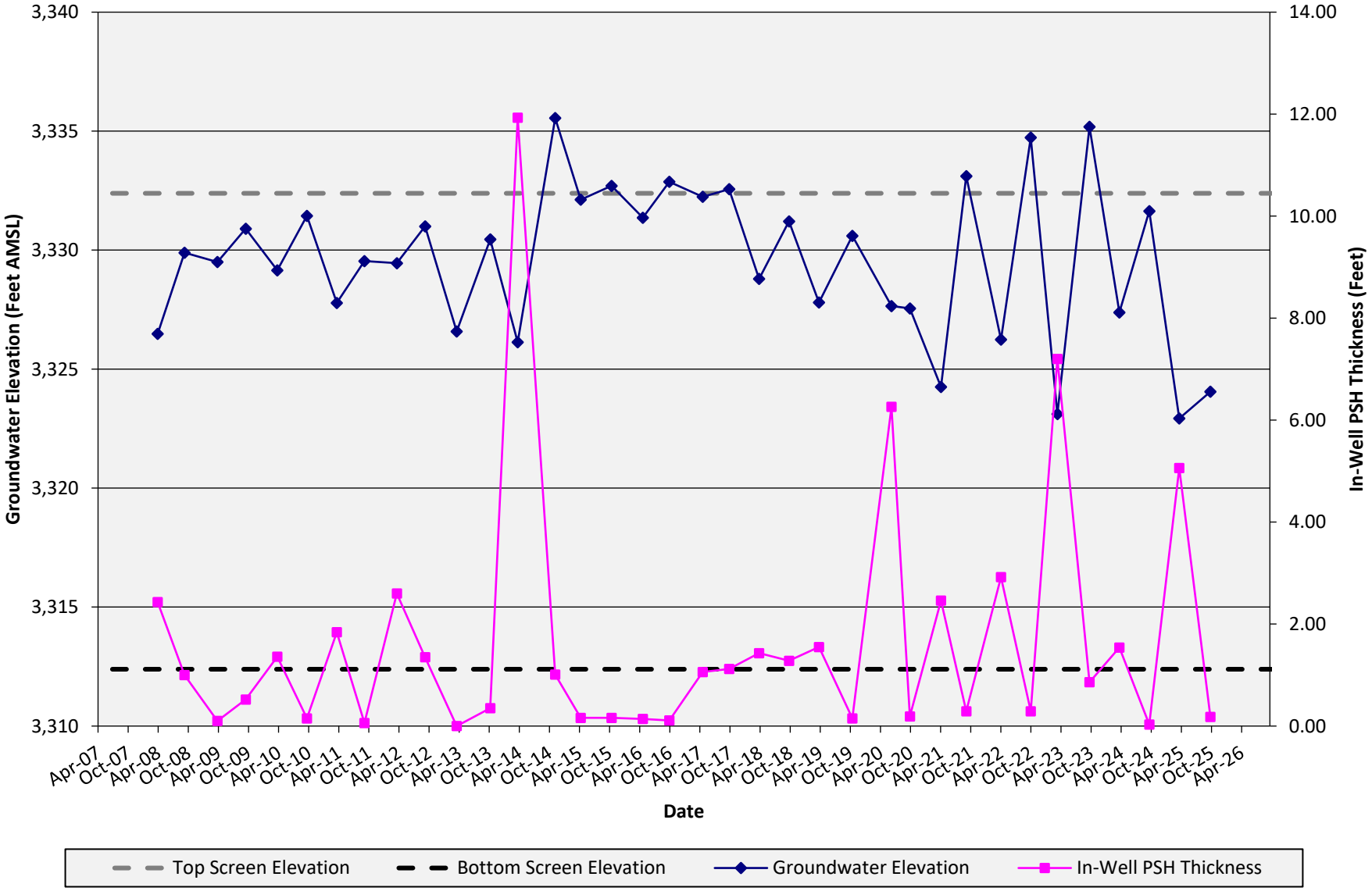
Received by OCD: 6/15/2026 7:23:14 PM

RW-14R: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

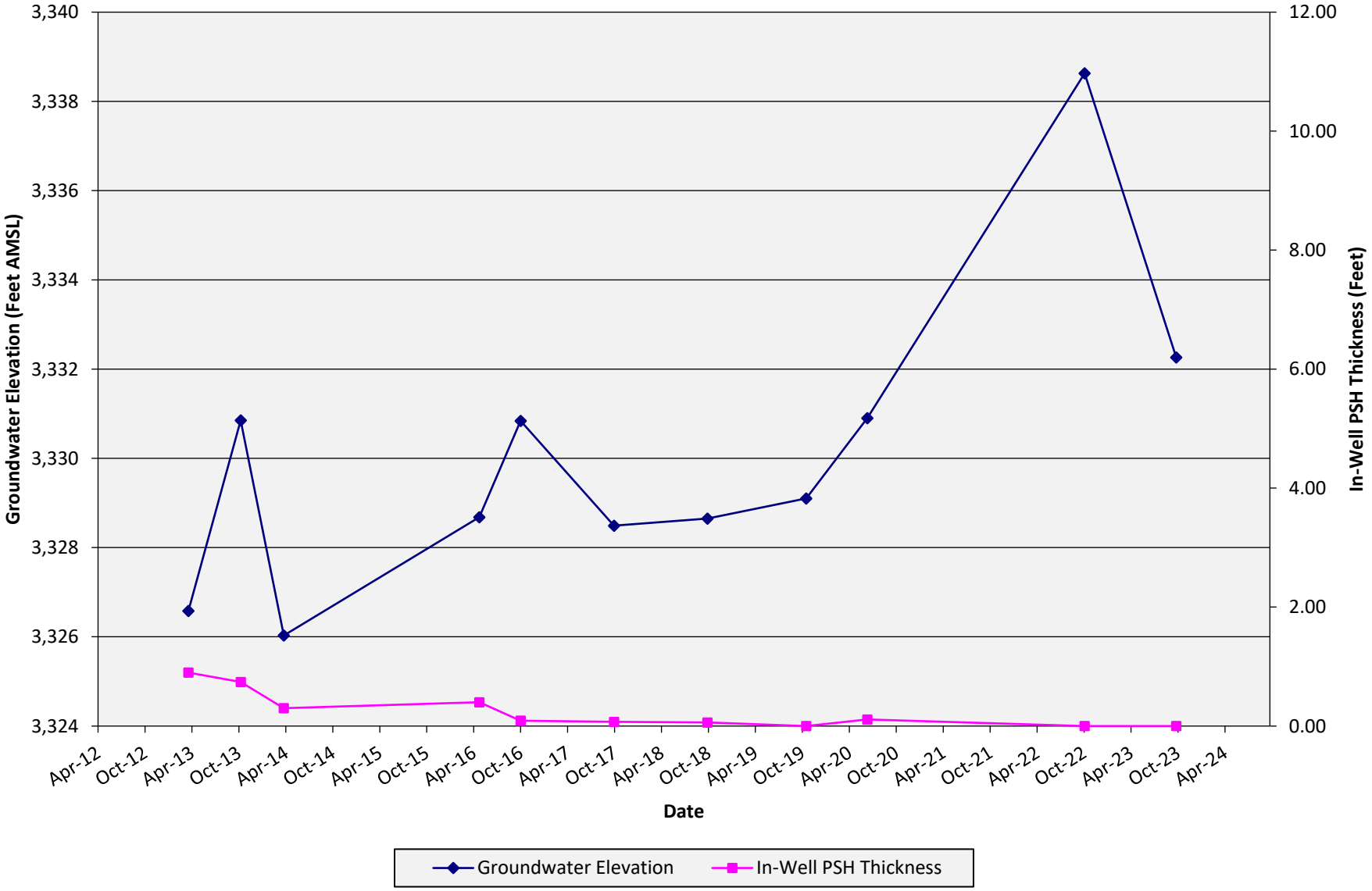


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-20A: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery



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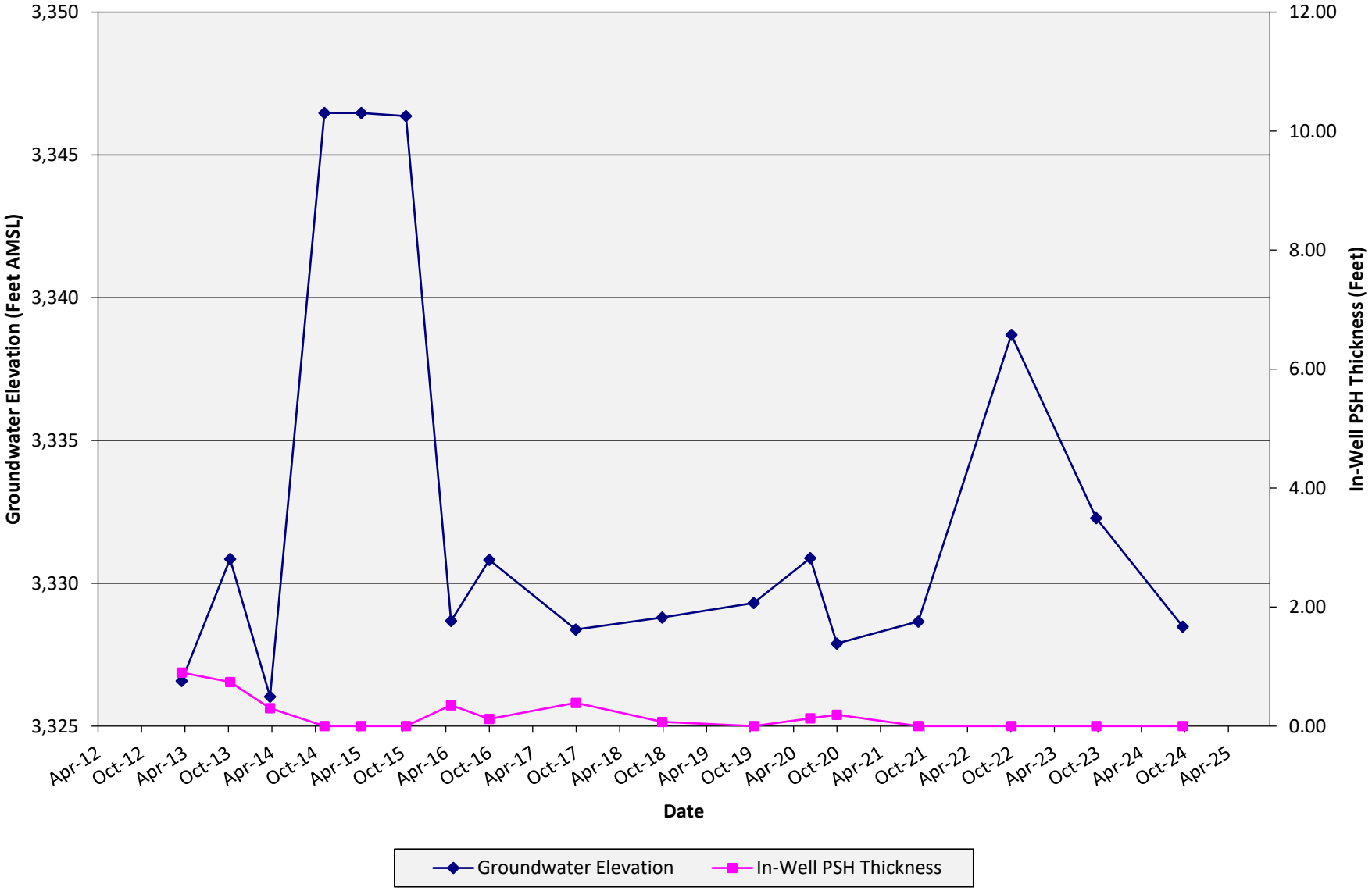
Received by OCD: 6/15/2026 7:23:14 PM

RW-20B: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery



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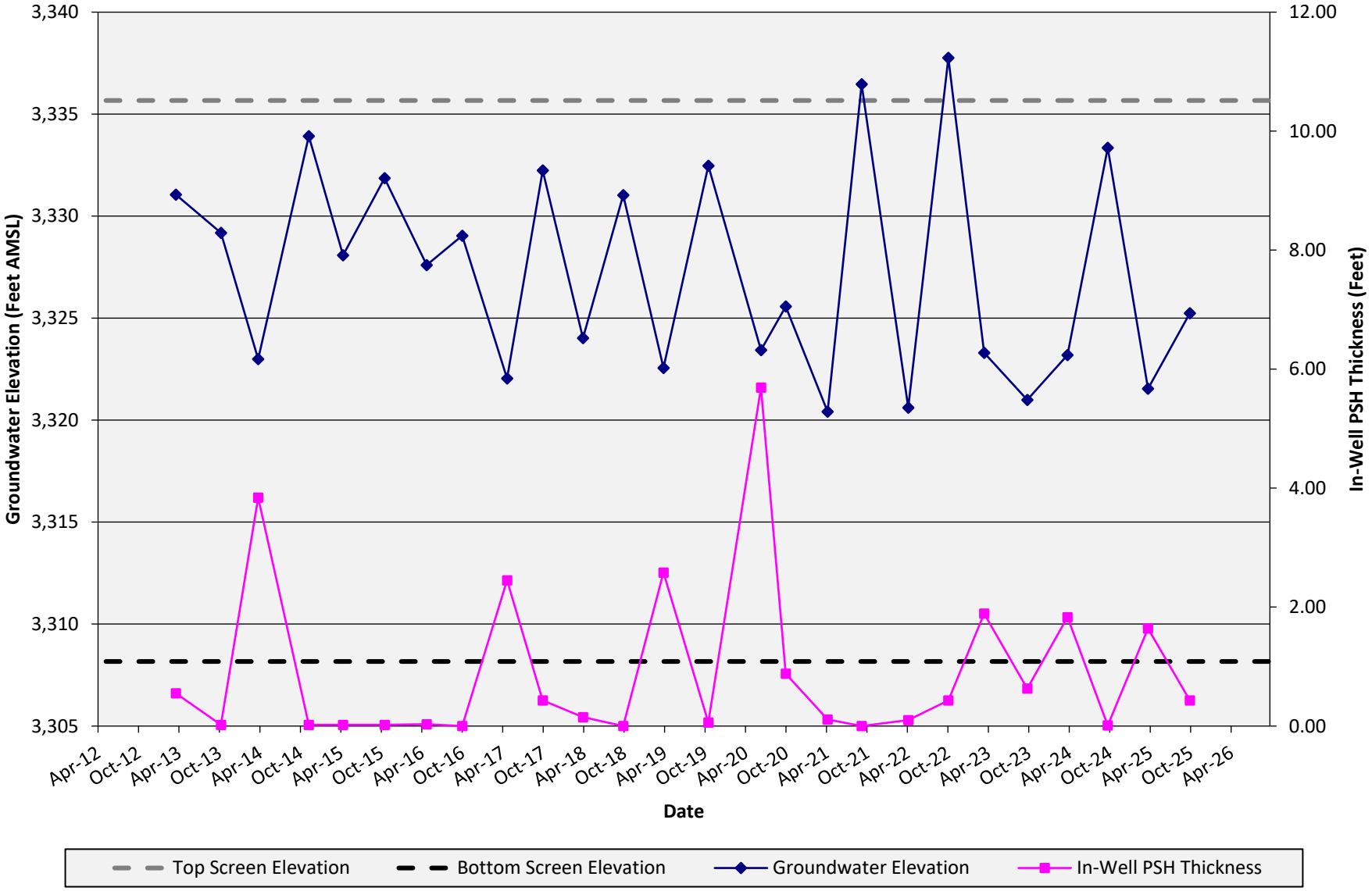
Received by OCD: 6/15/2026 7:23:14 PM

RW-22: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

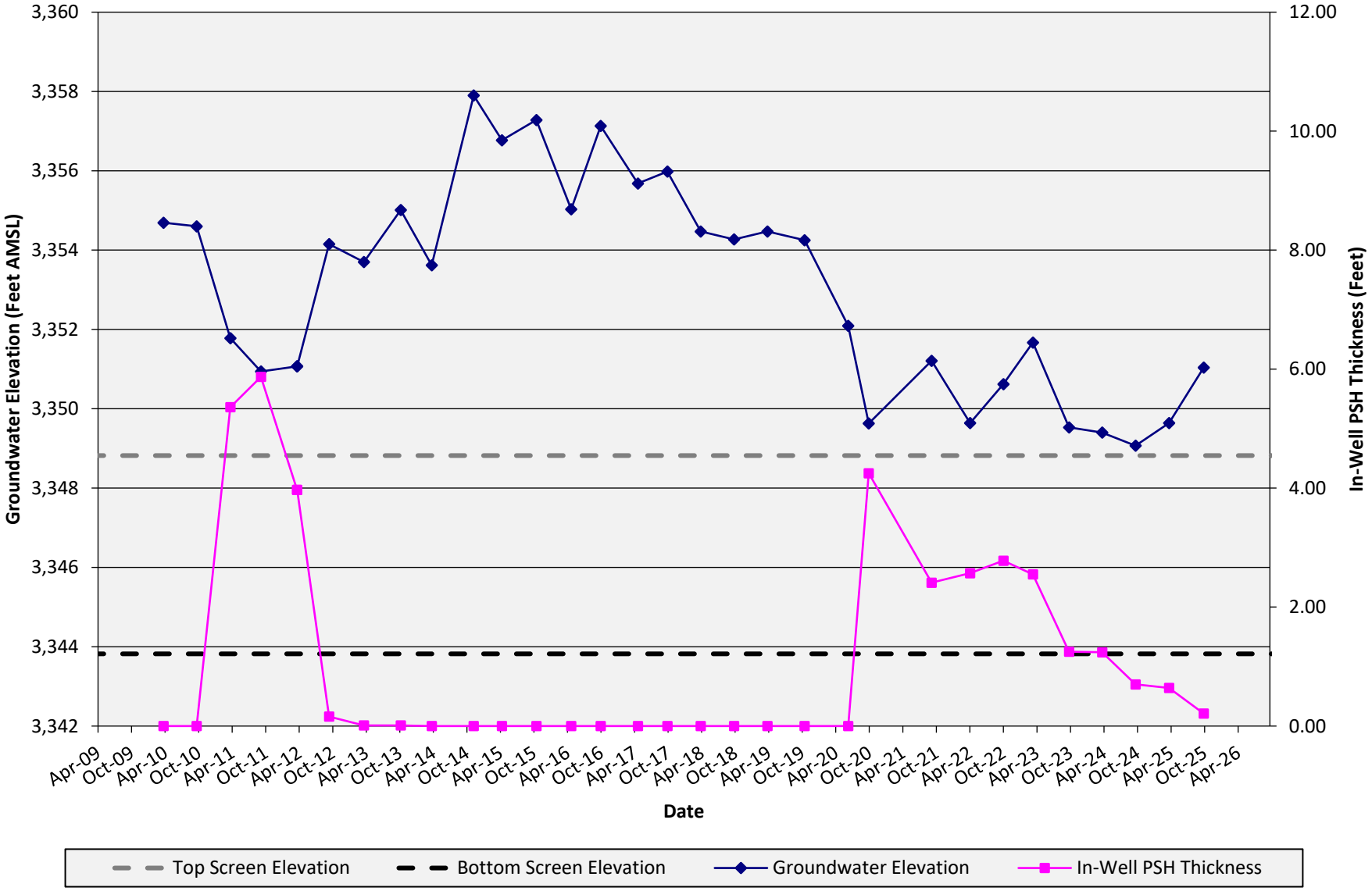


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

NCL-34A: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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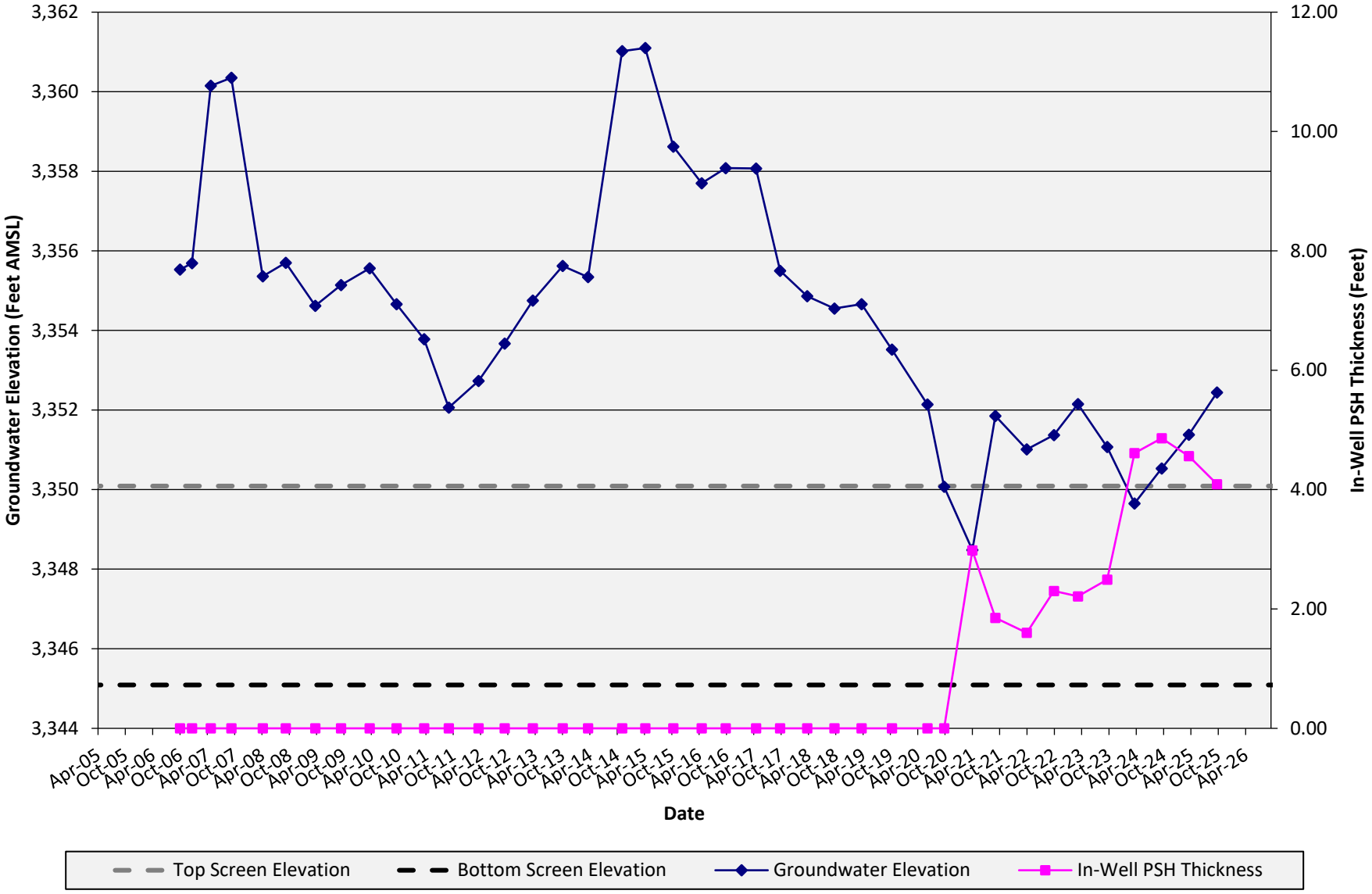
Received by OCD: 6/15/2026 7:23:14 PM

MW-23: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

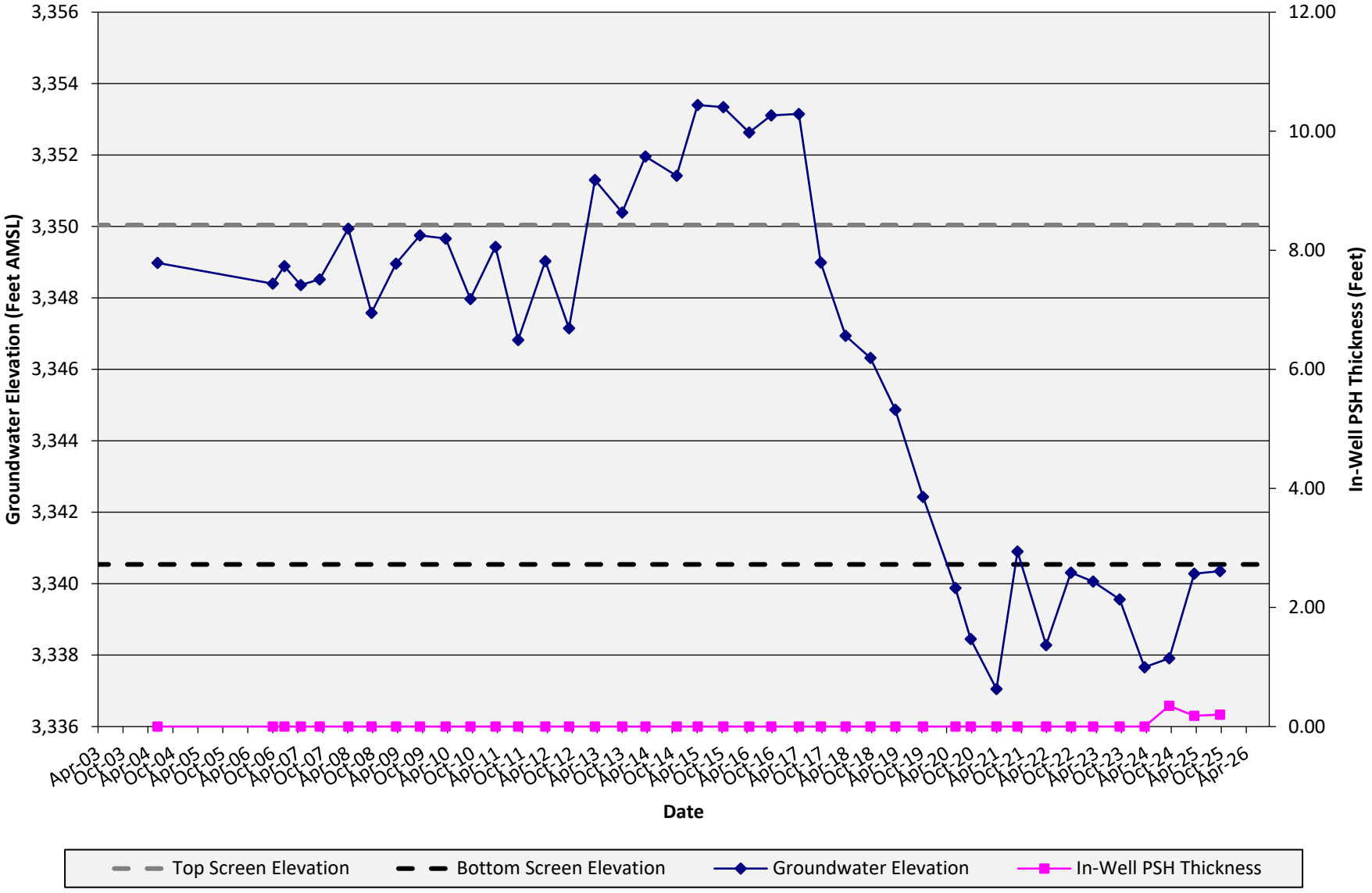


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-29: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

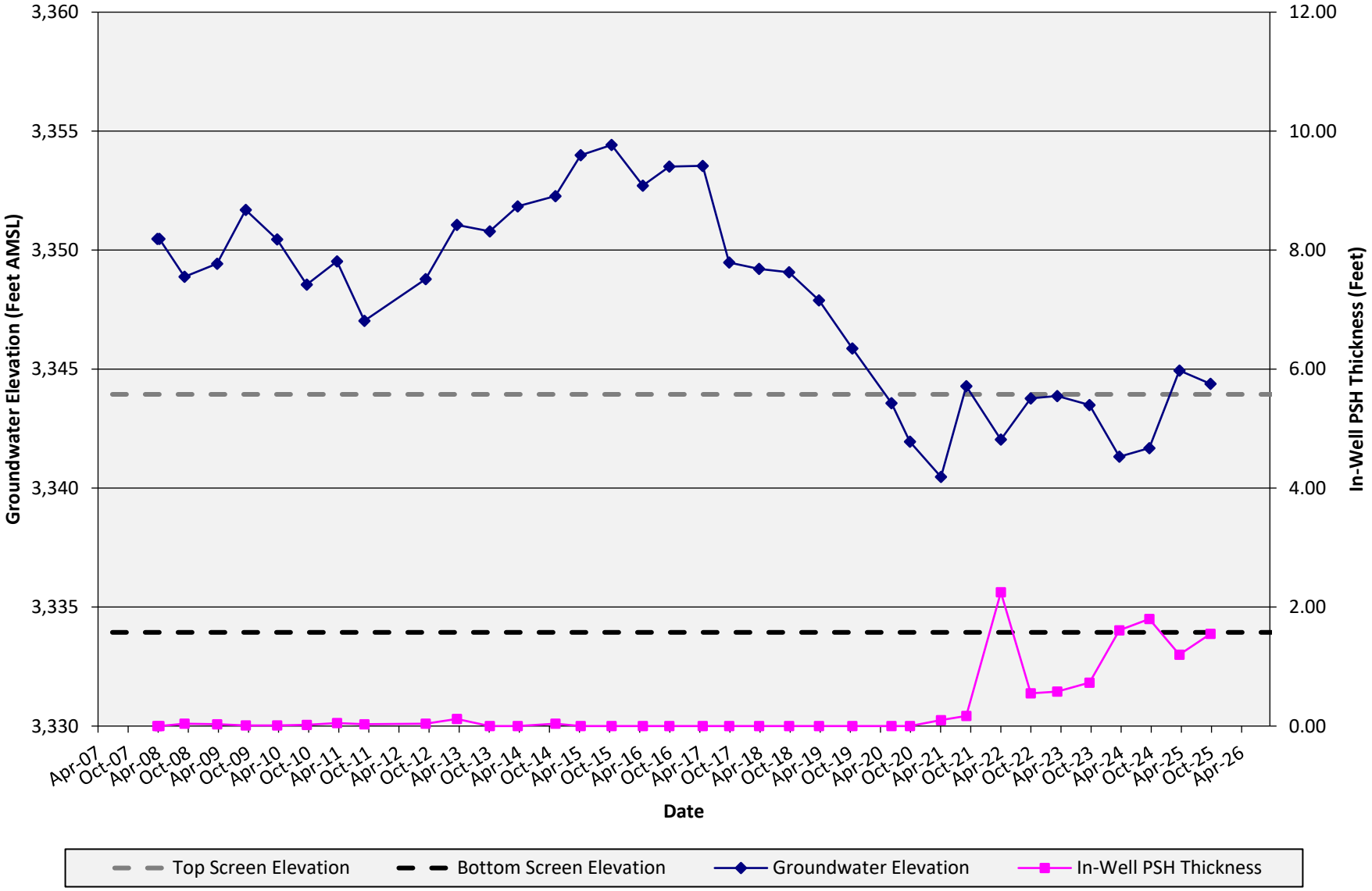


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-39: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

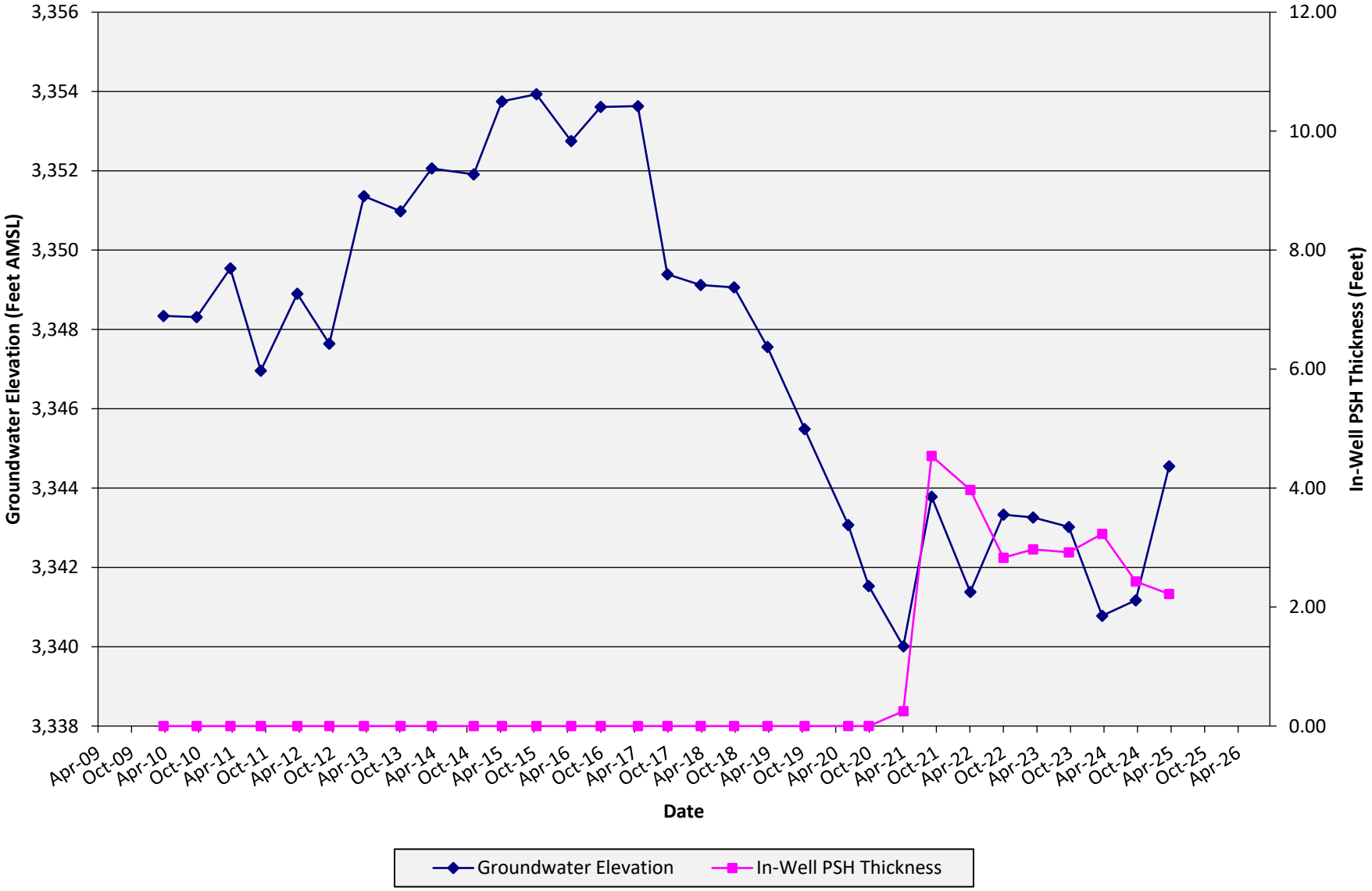


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-40: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

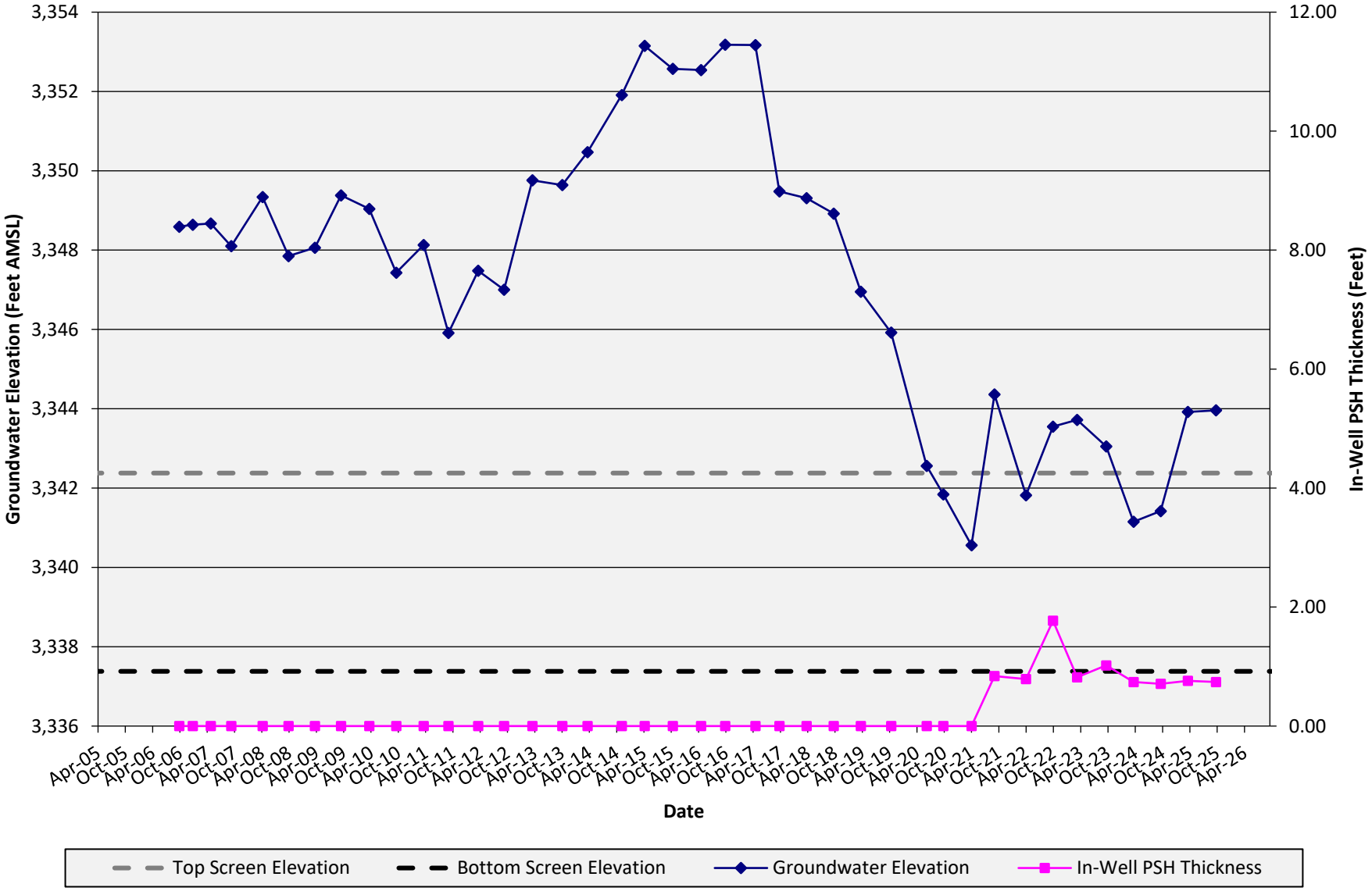


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-41: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

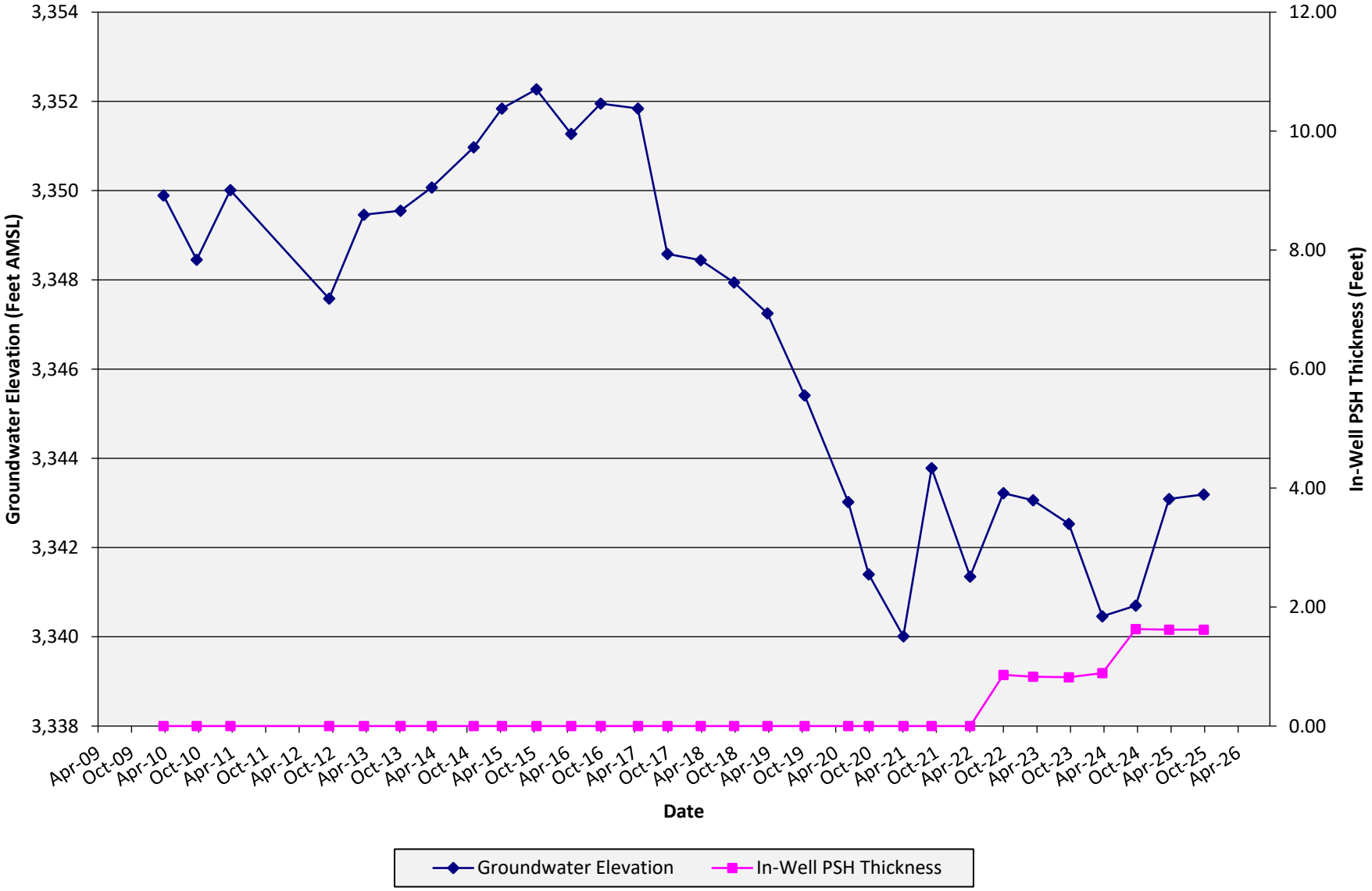


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-42: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

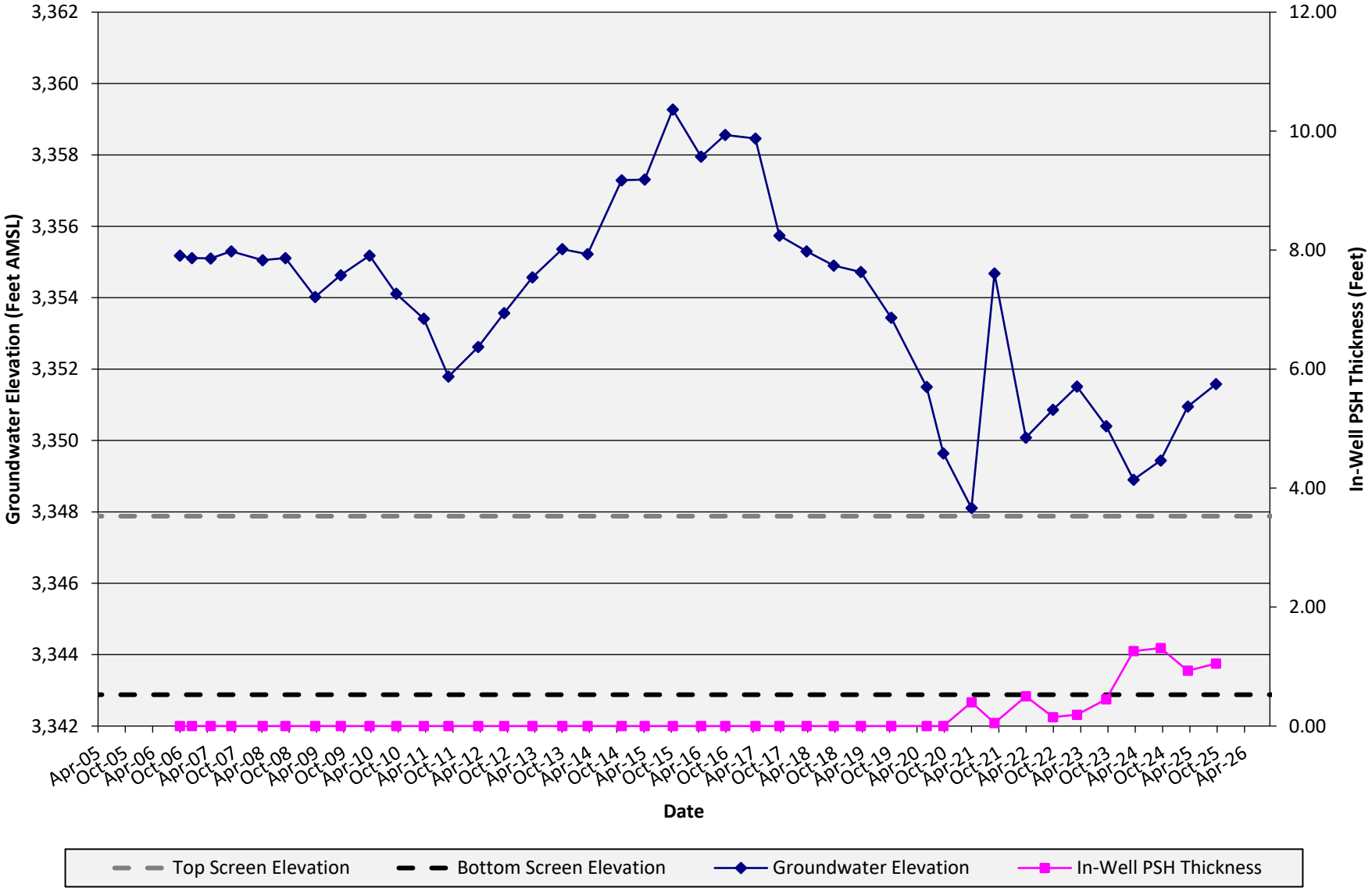


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-43: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

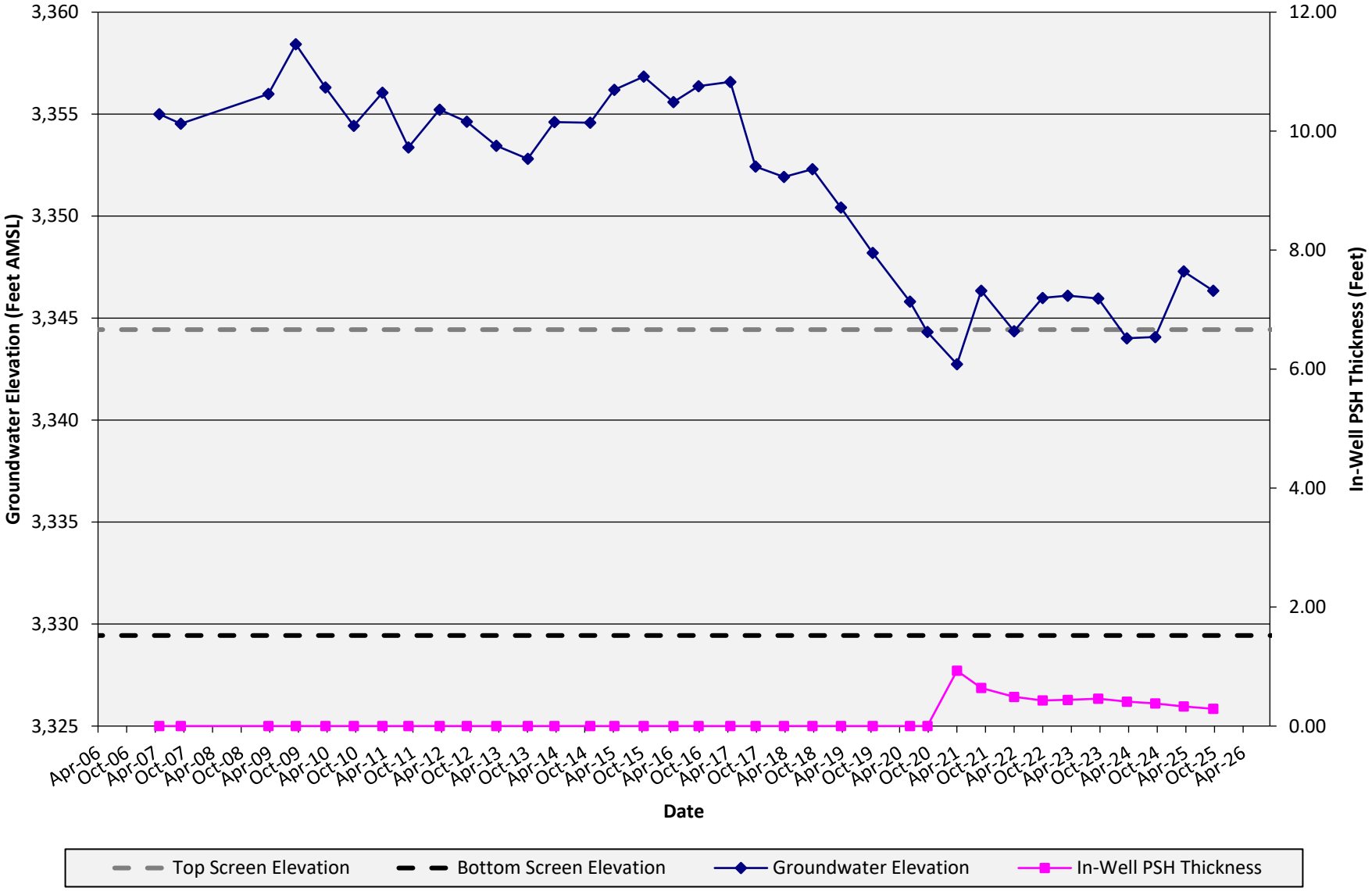


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-59: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

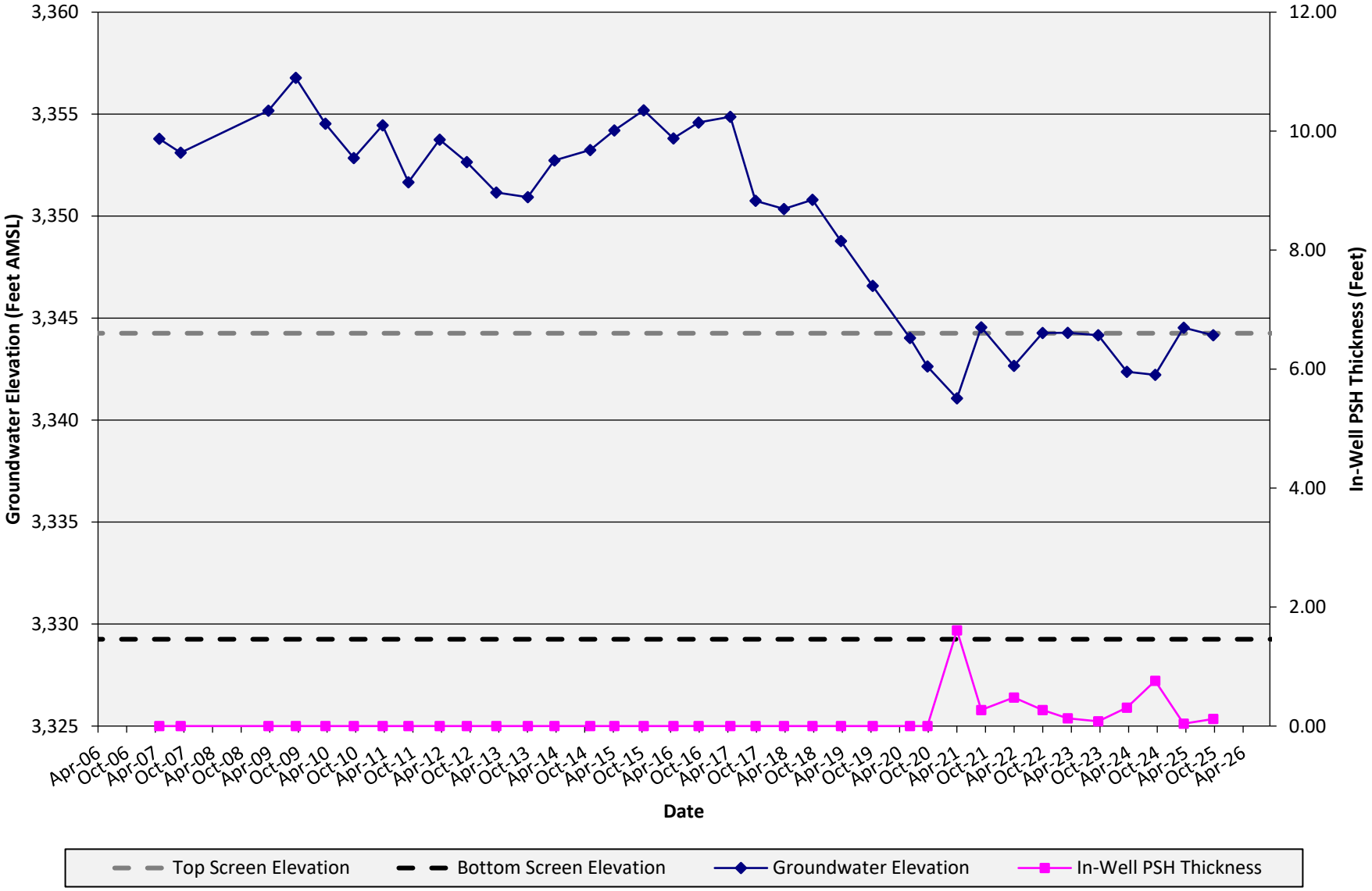


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-60: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

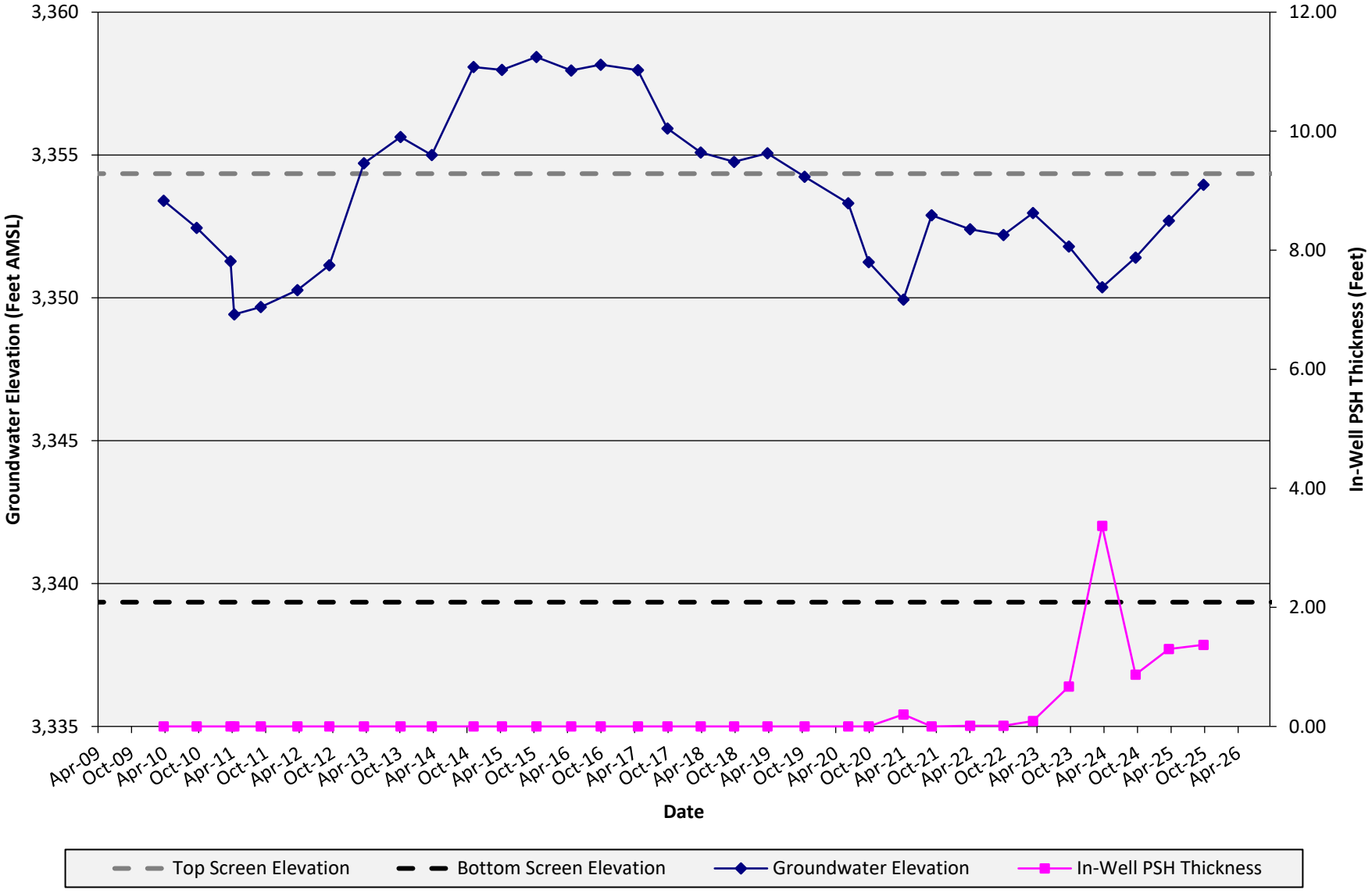


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-62: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

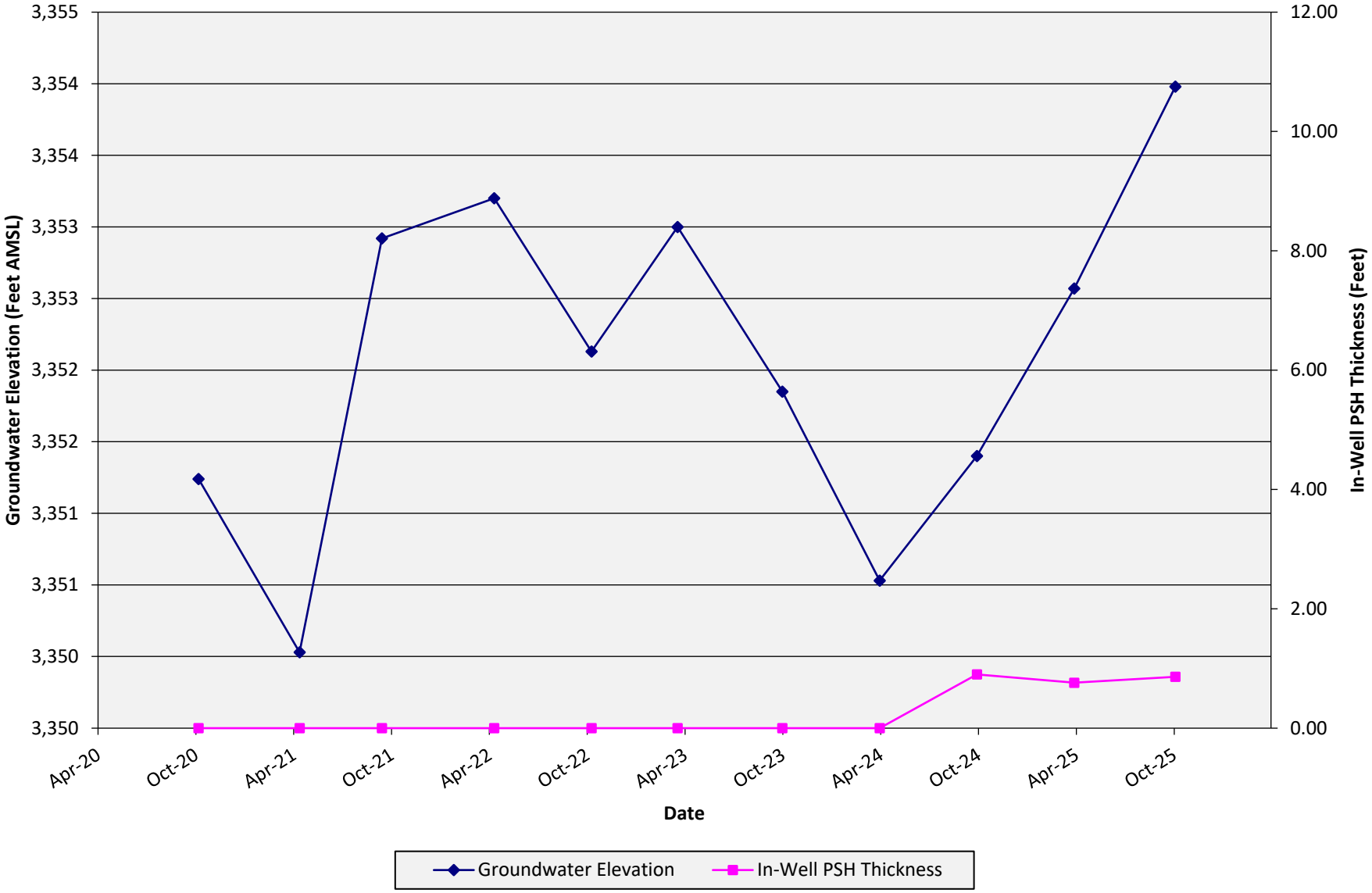


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-62R: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

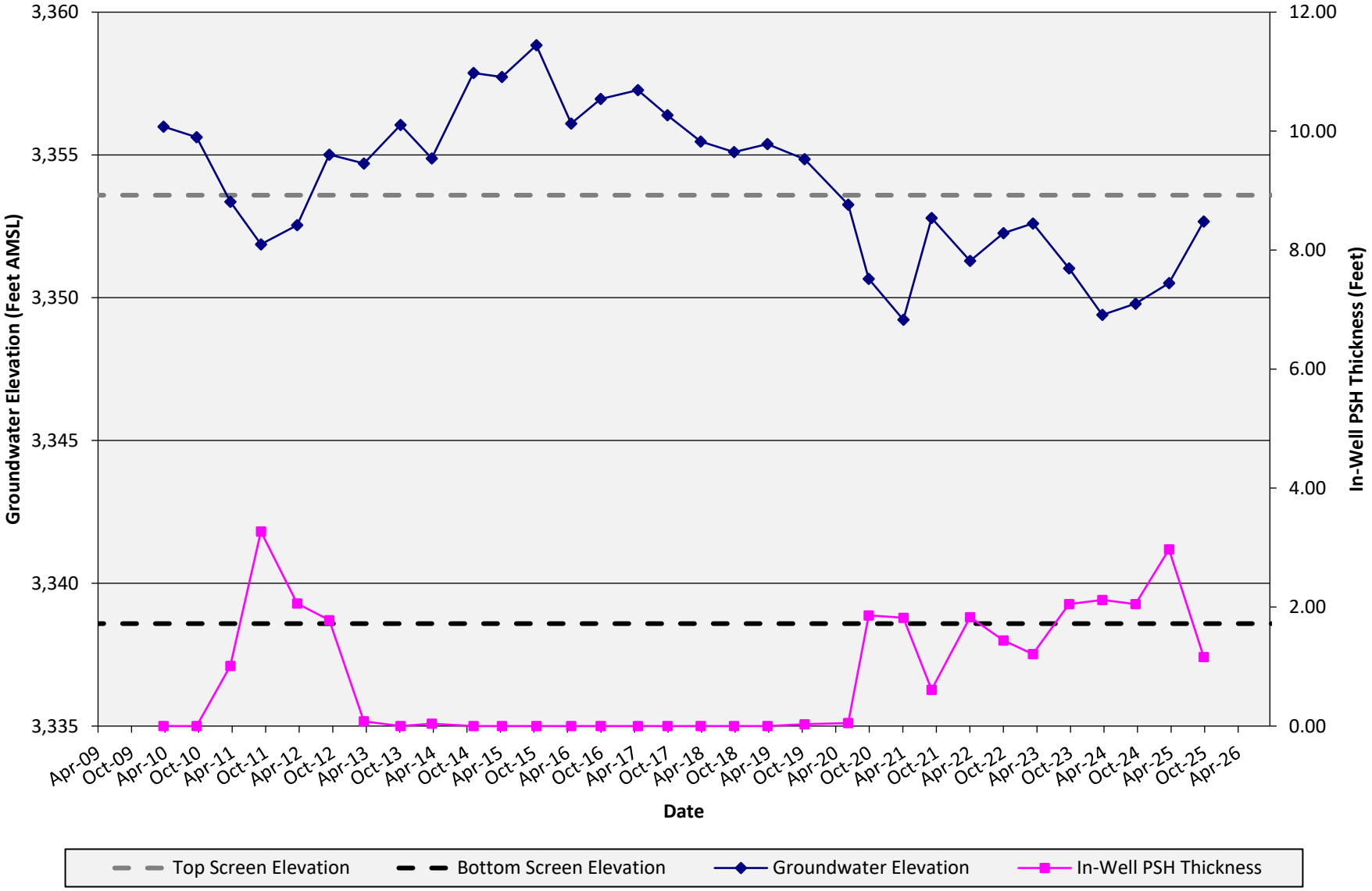


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-67: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

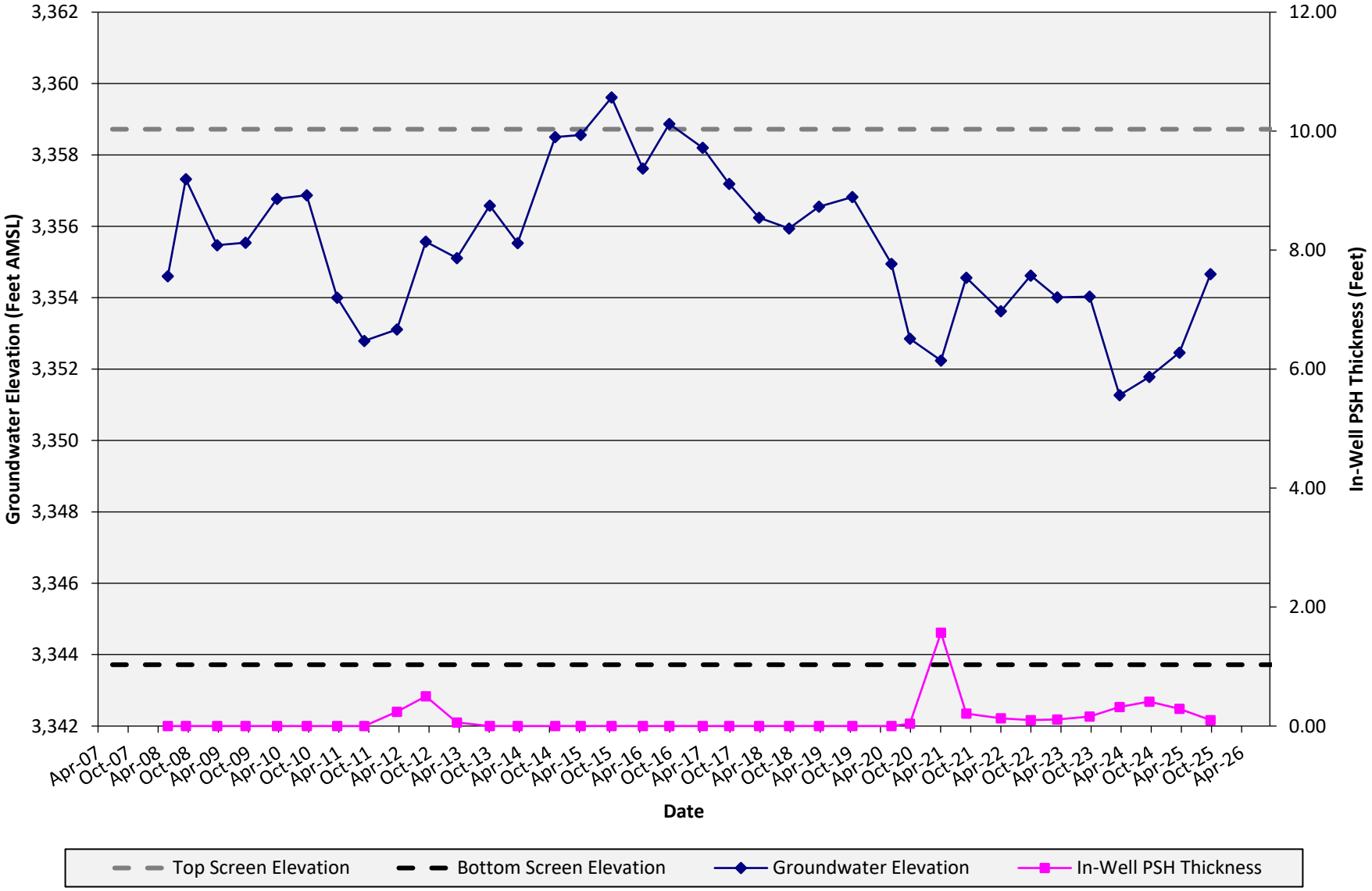


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-91: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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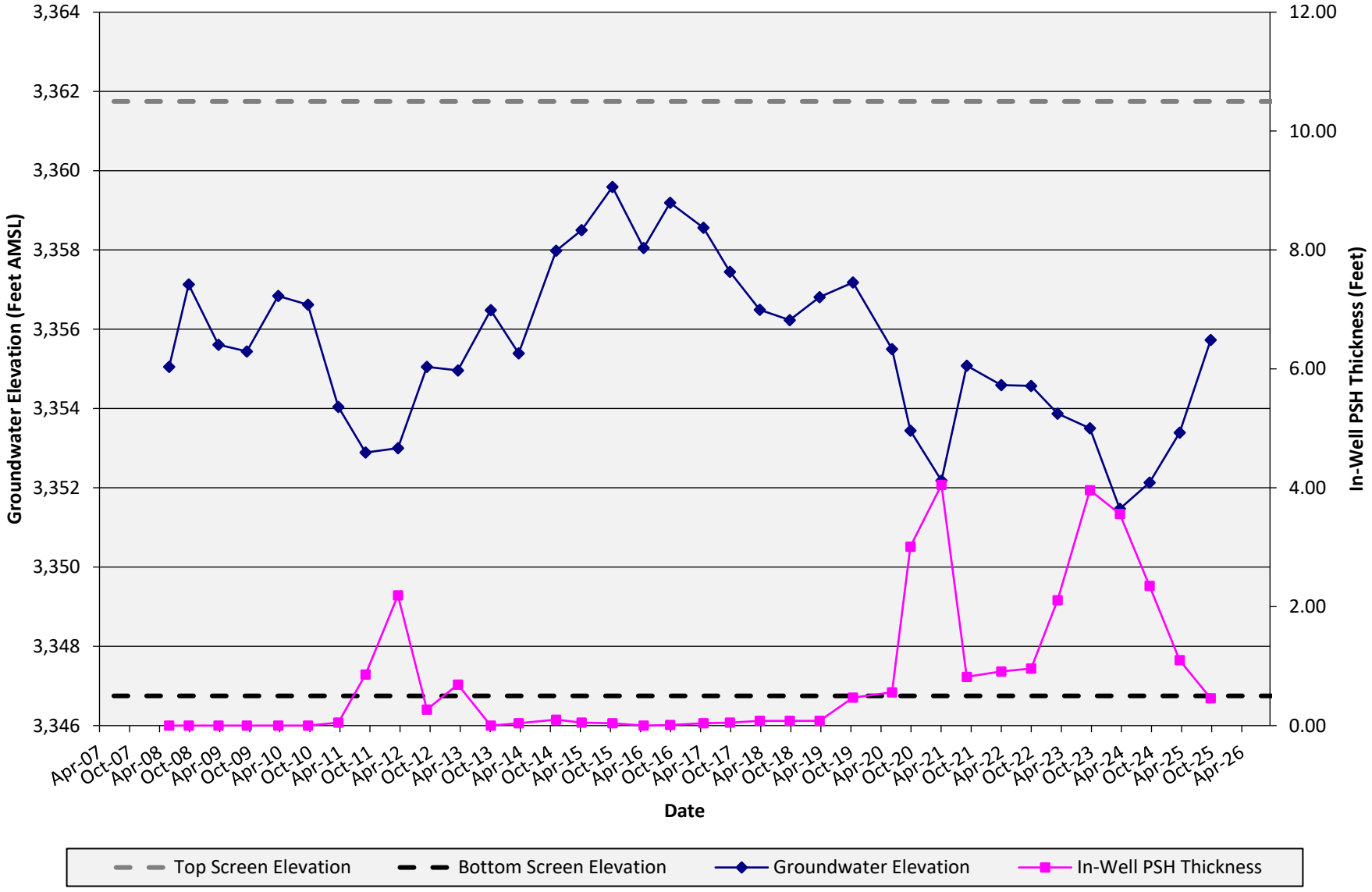
Received by OCD: 6/15/2026 7:23:14 PM

MW-92: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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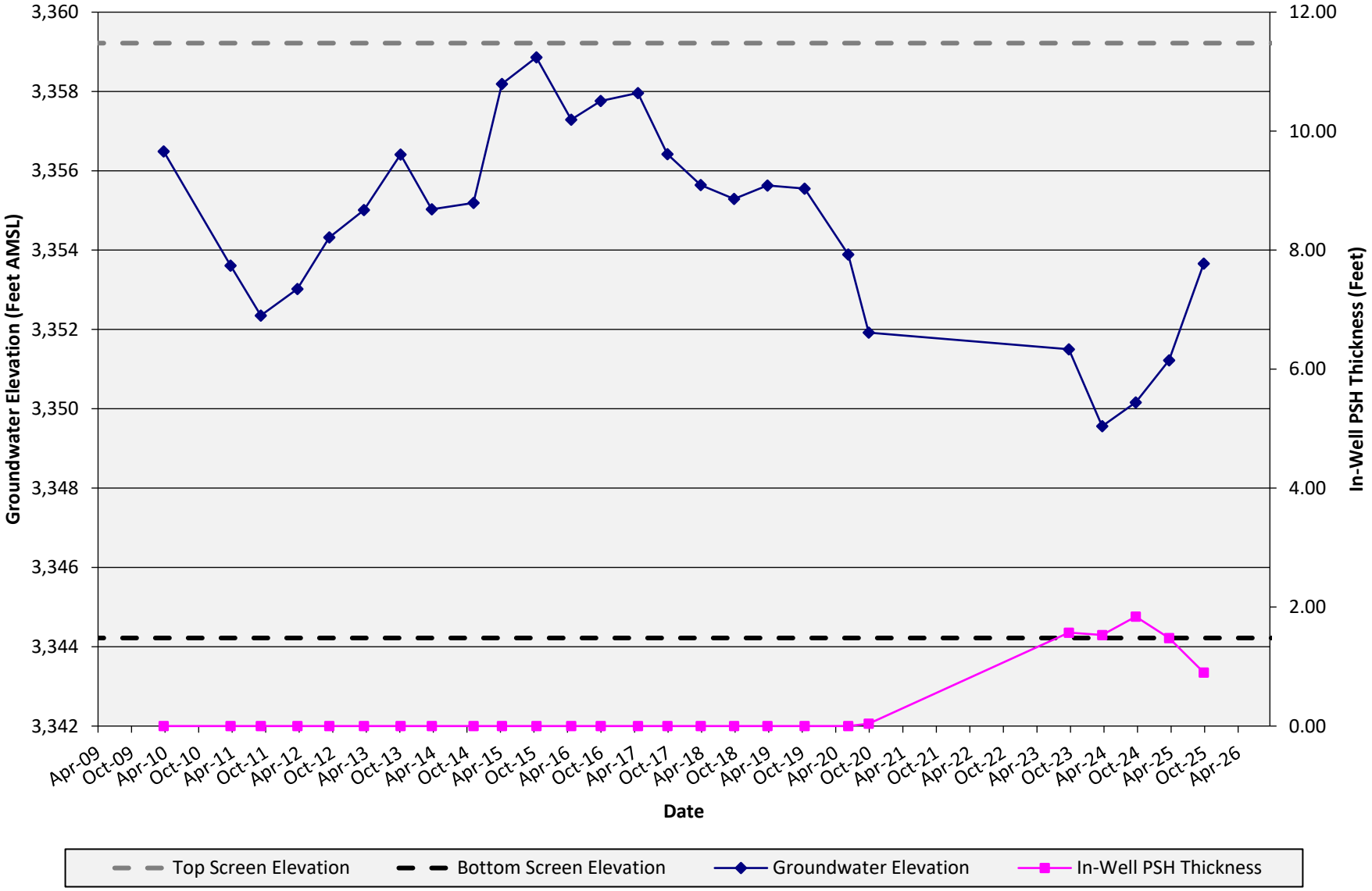
Received by OCD: 6/15/2026 7:23:14 PM

MW-93: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

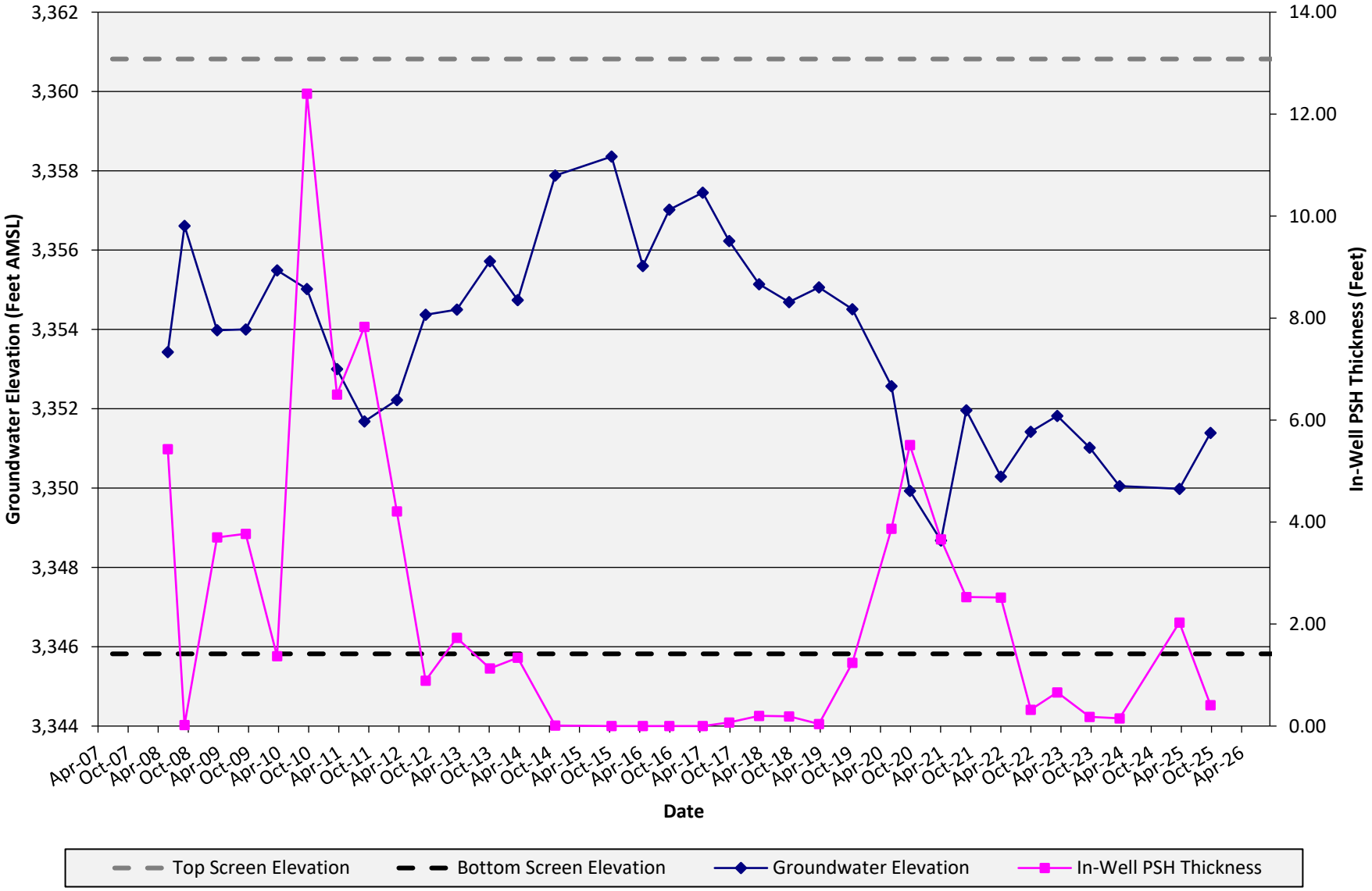


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-94: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

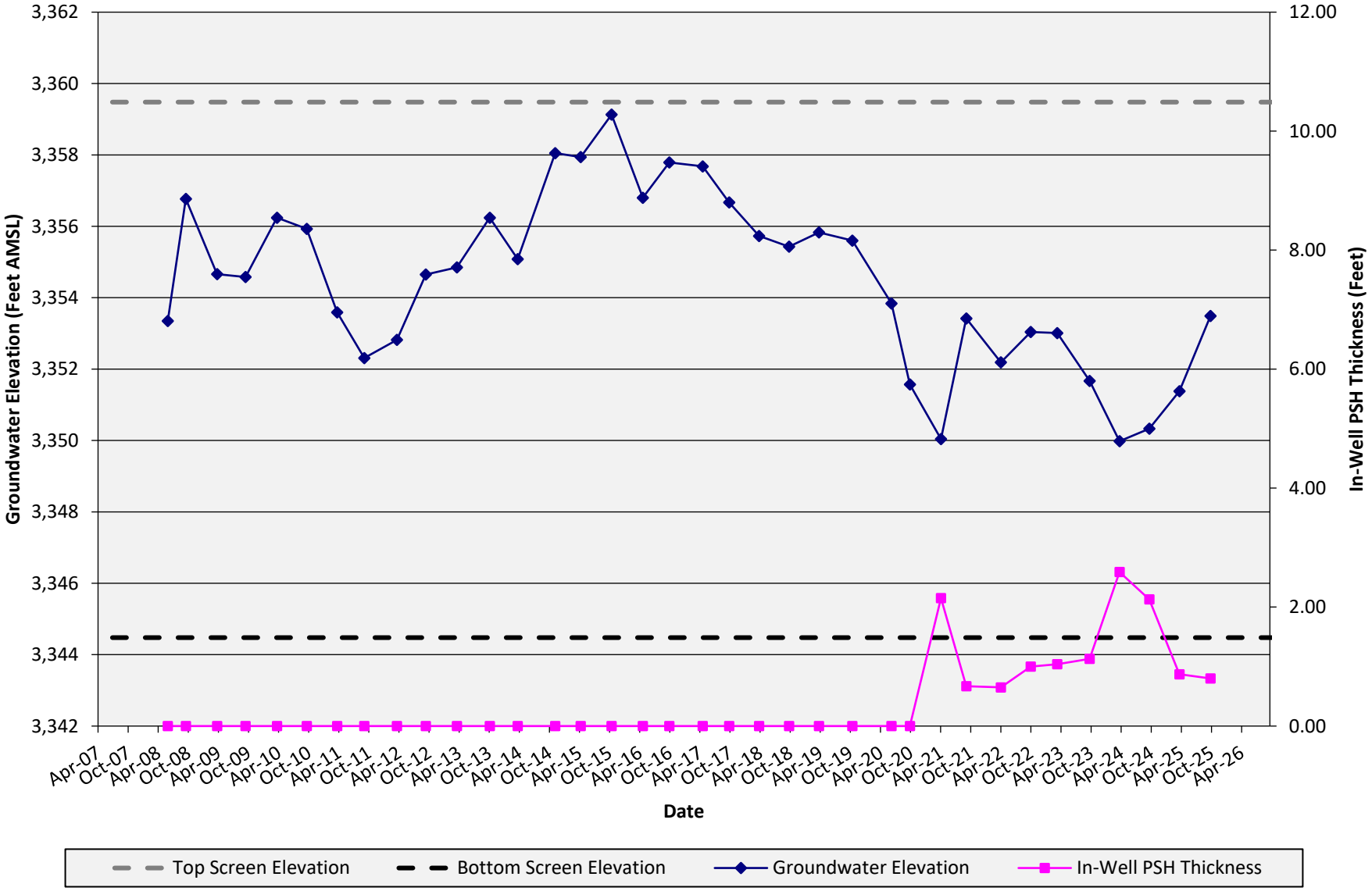


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-95: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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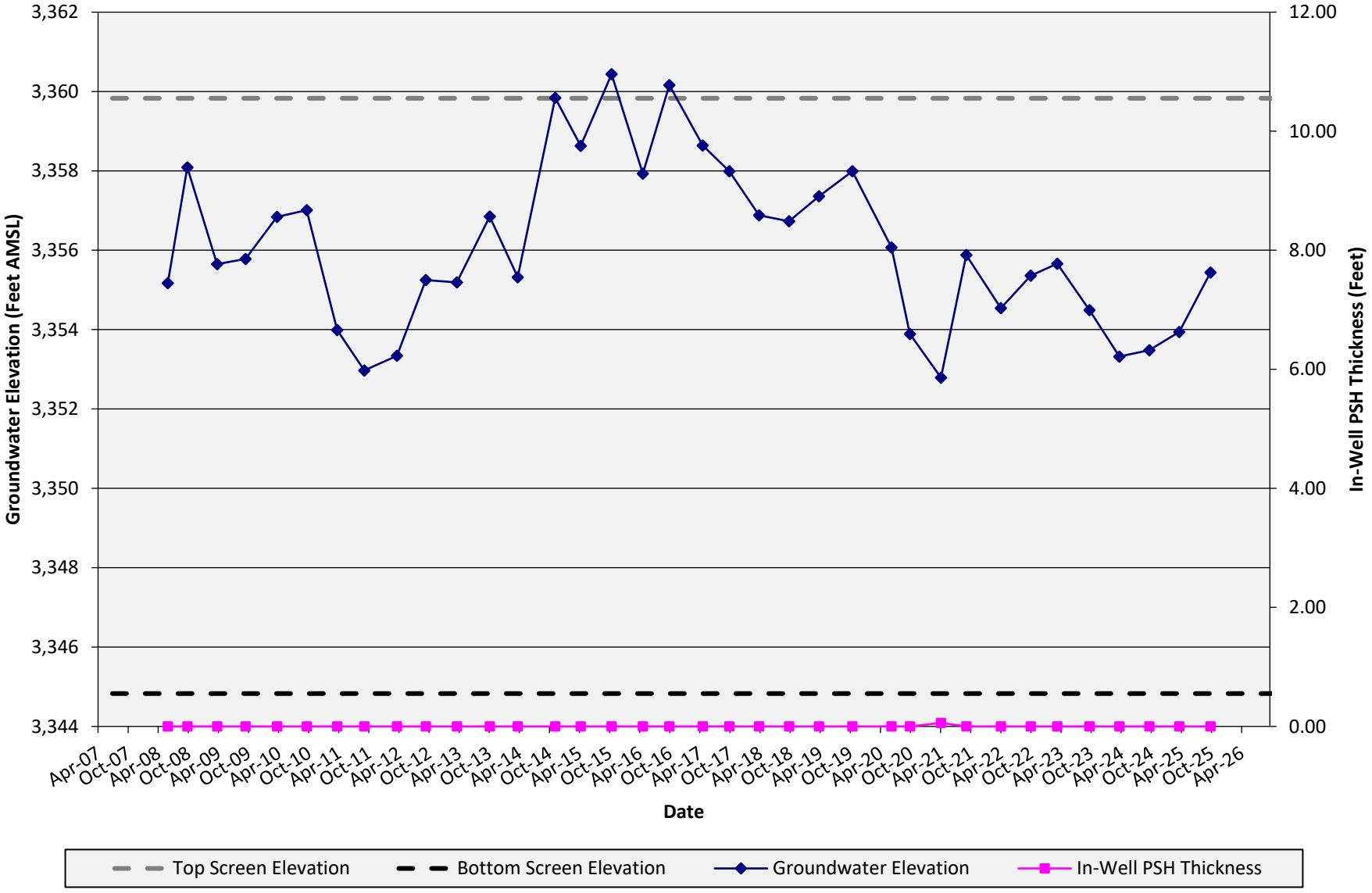
Received by OCD: 6/15/2026 7:23:14 PM

MW-96: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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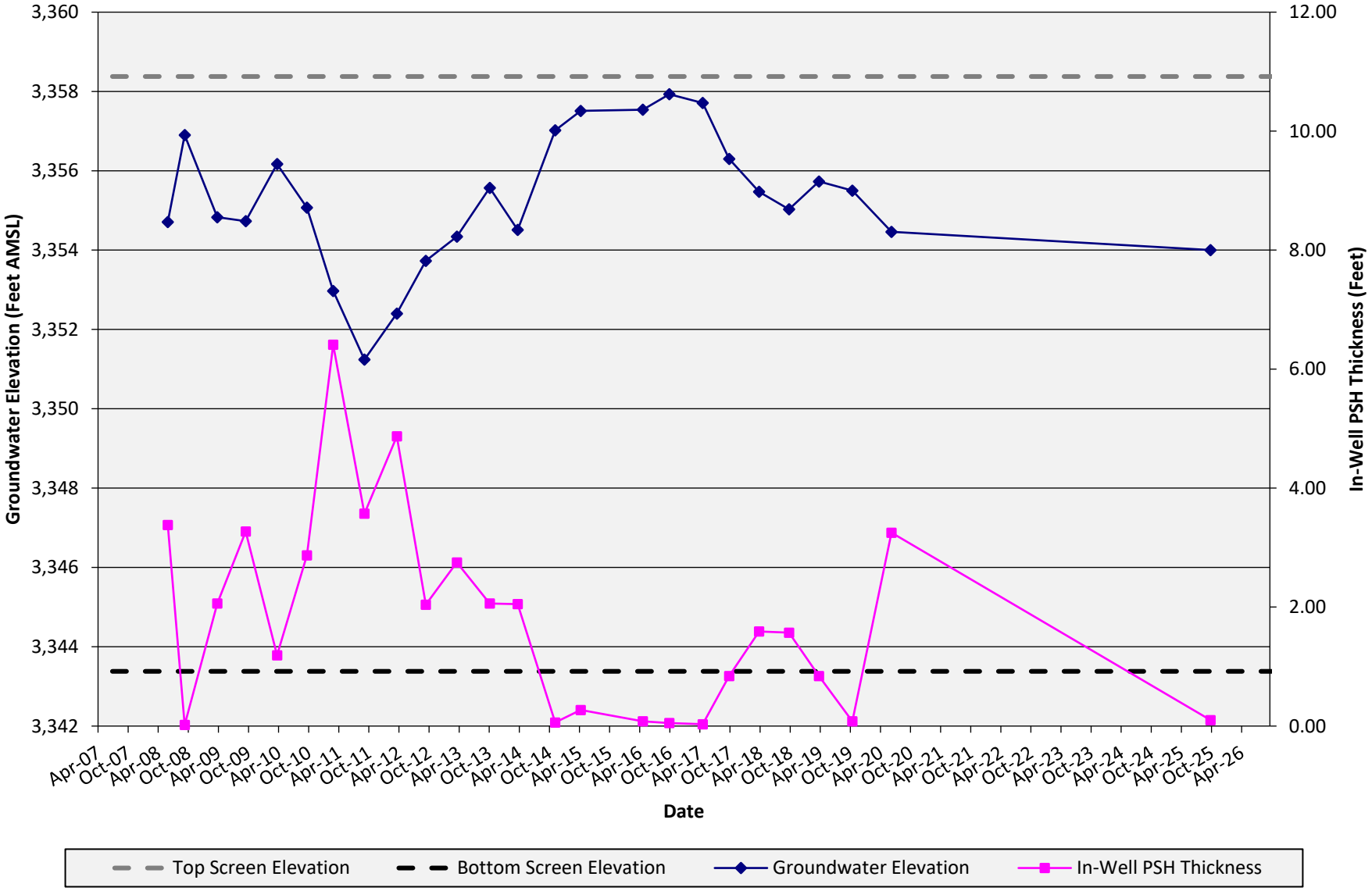
Received by OCD: 6/15/2026 7:23:14 PM

MW-97: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

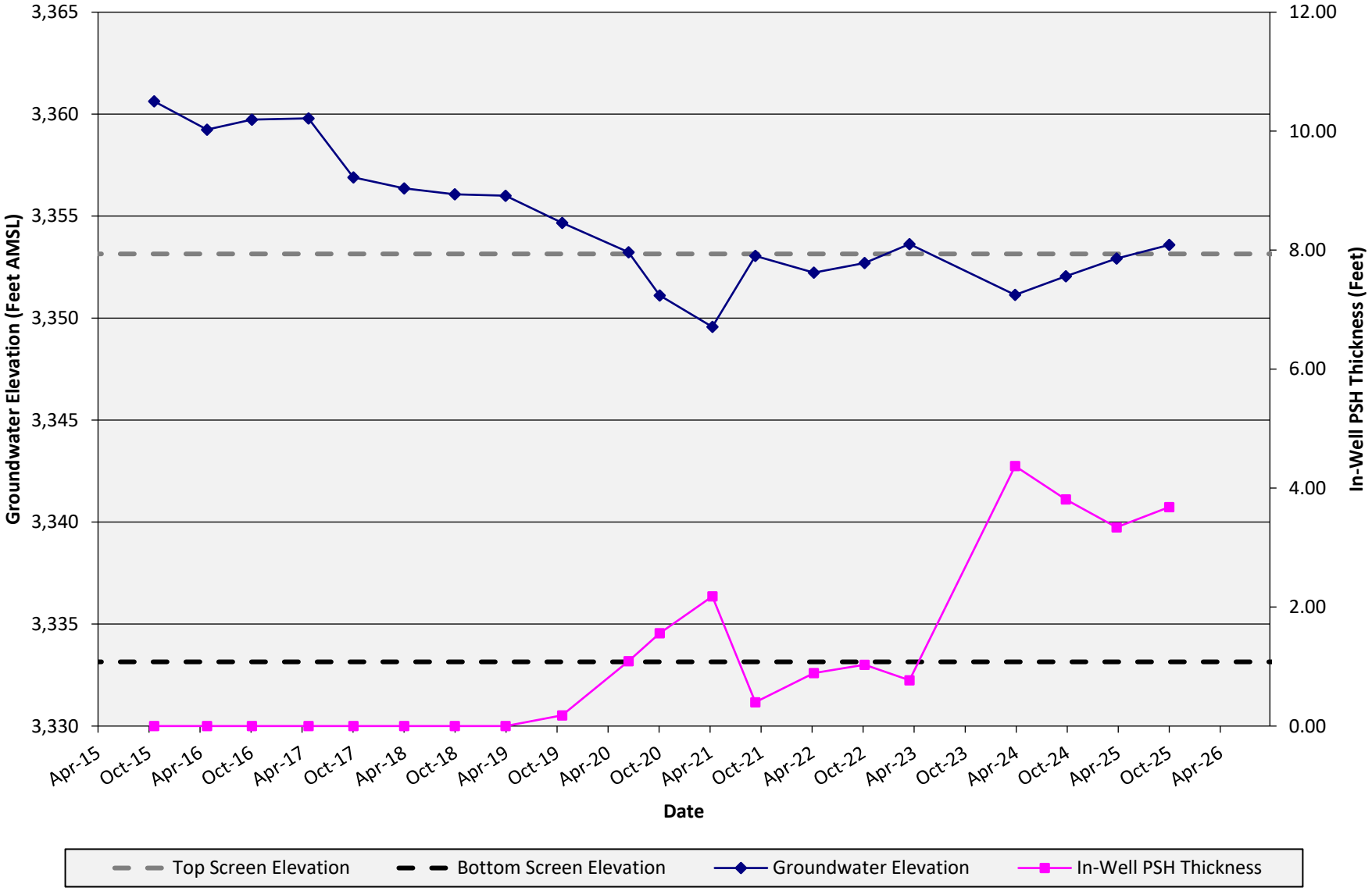


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-137: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

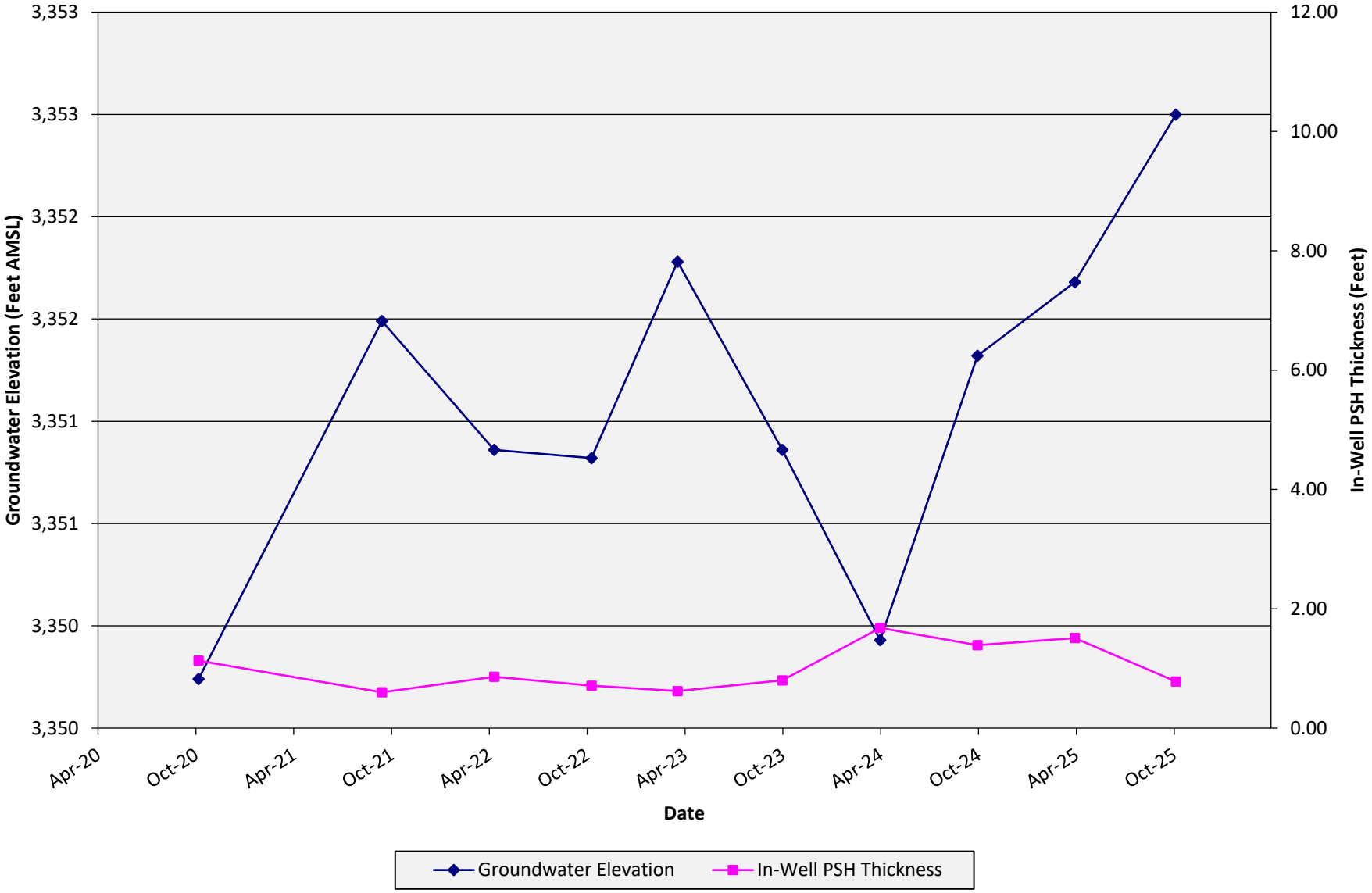


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-137A: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

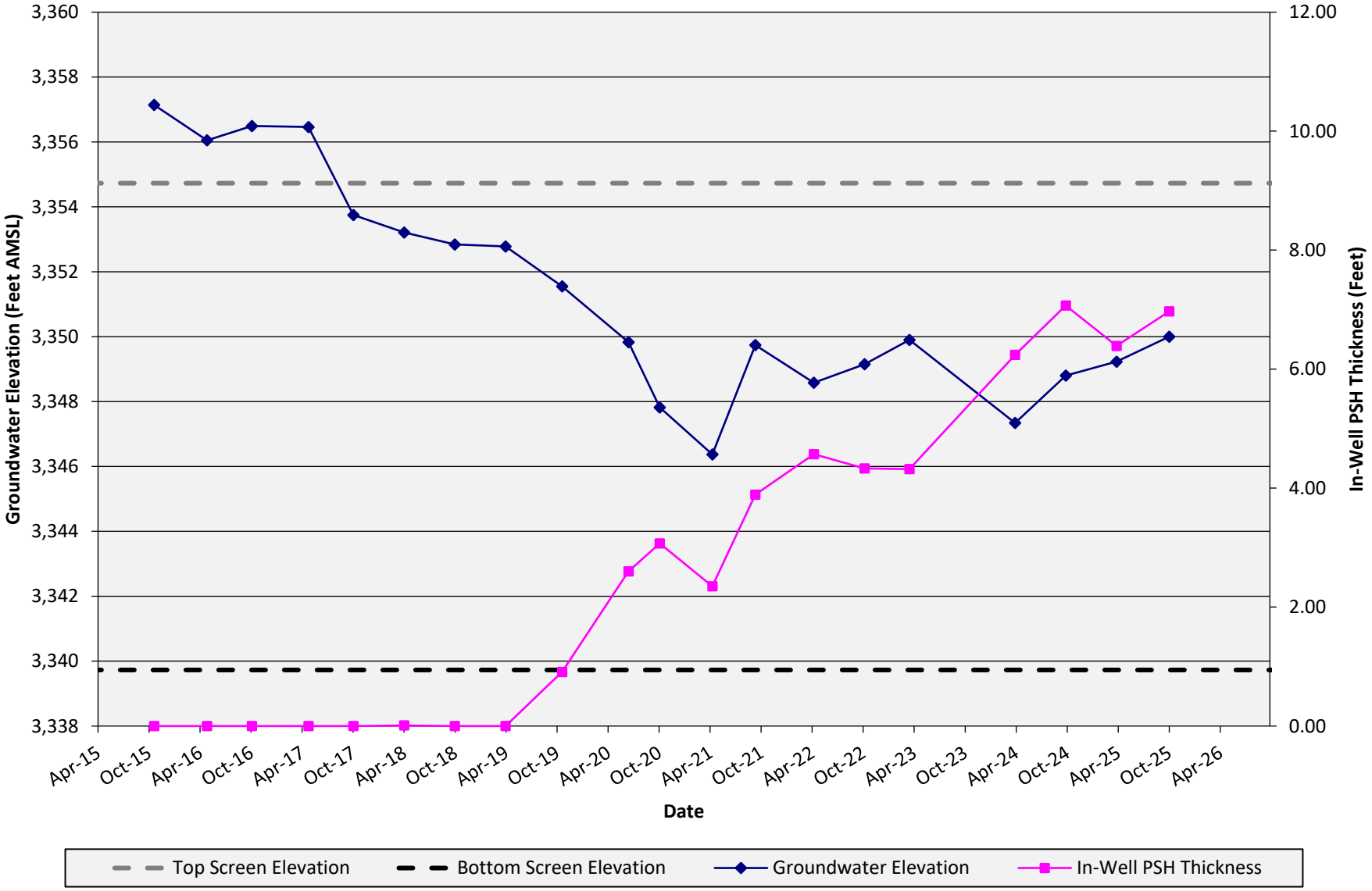


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-138: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

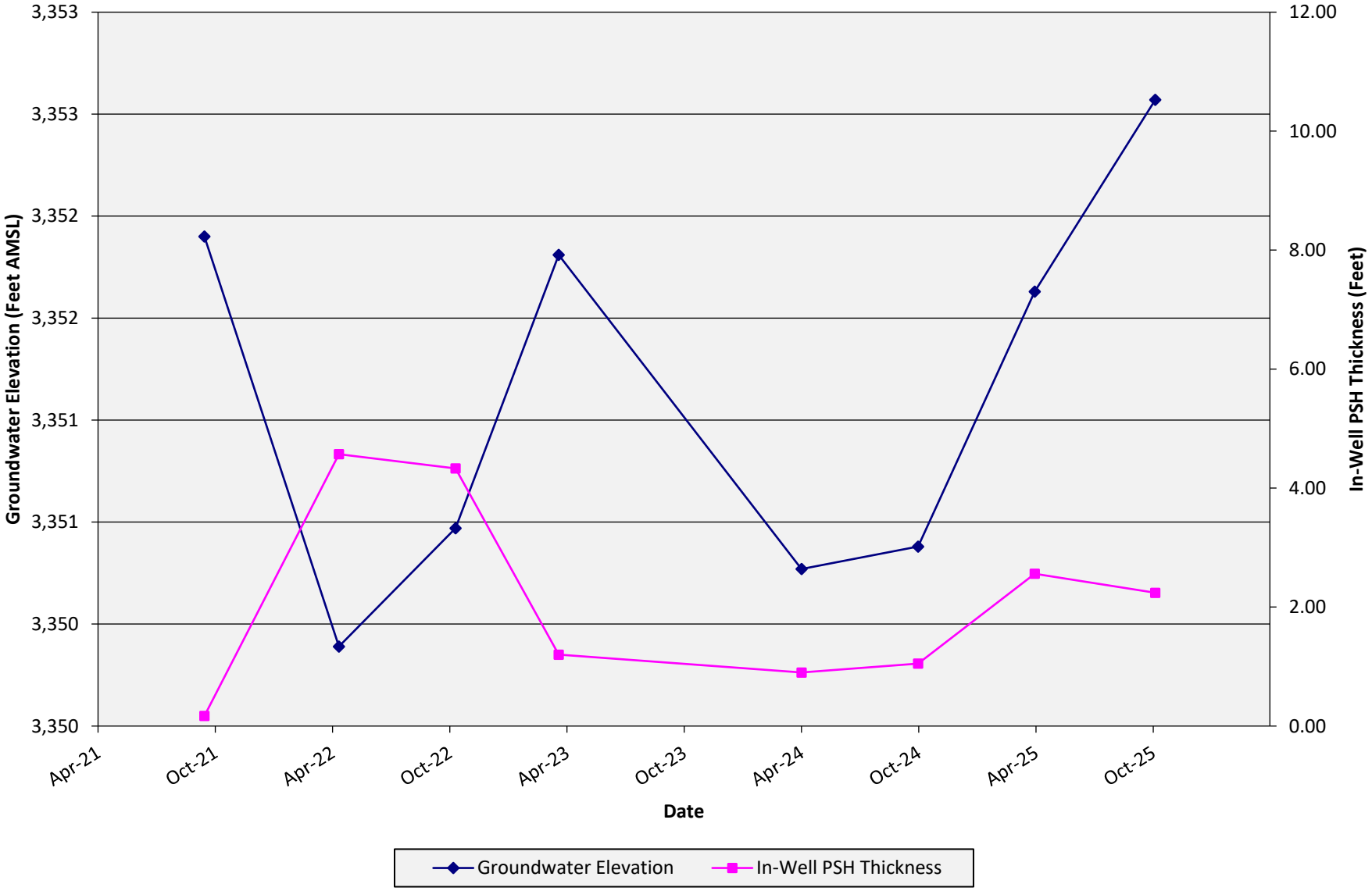


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-138A: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

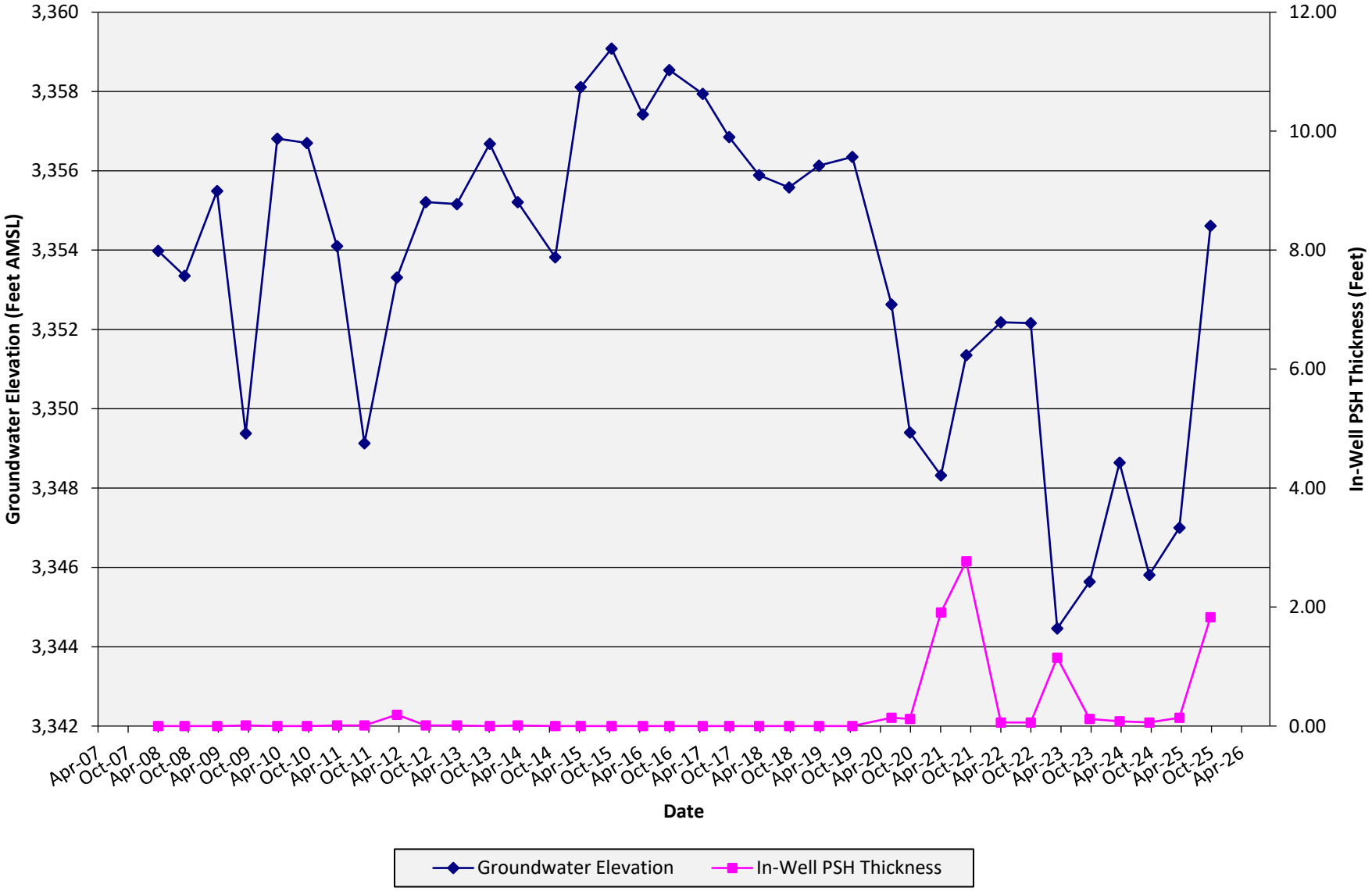


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-1 & RW-1R: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

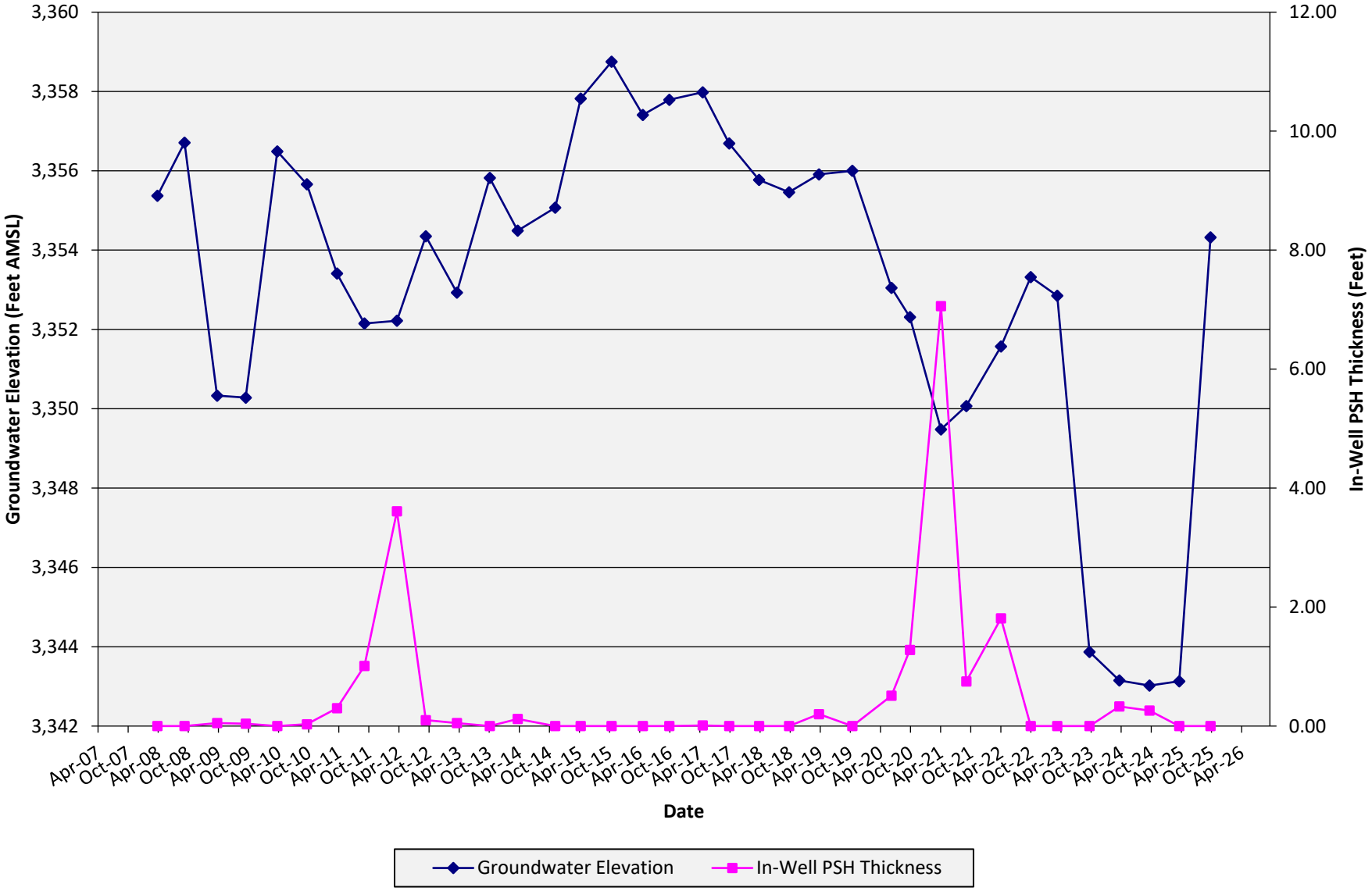


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-2: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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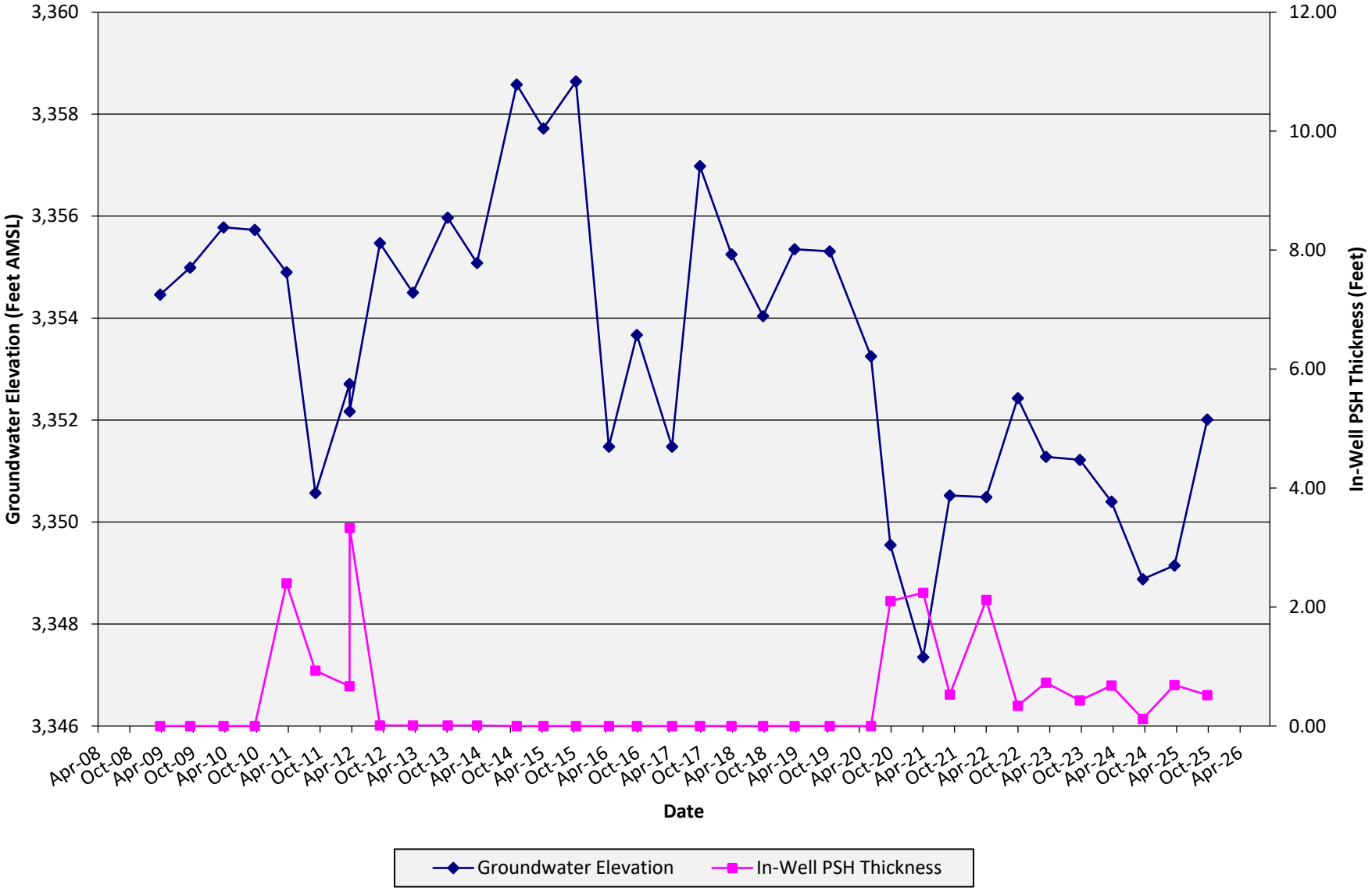
Received by OCD: 6/15/2026 7:23:14 PM

RW-7 & RW-7R: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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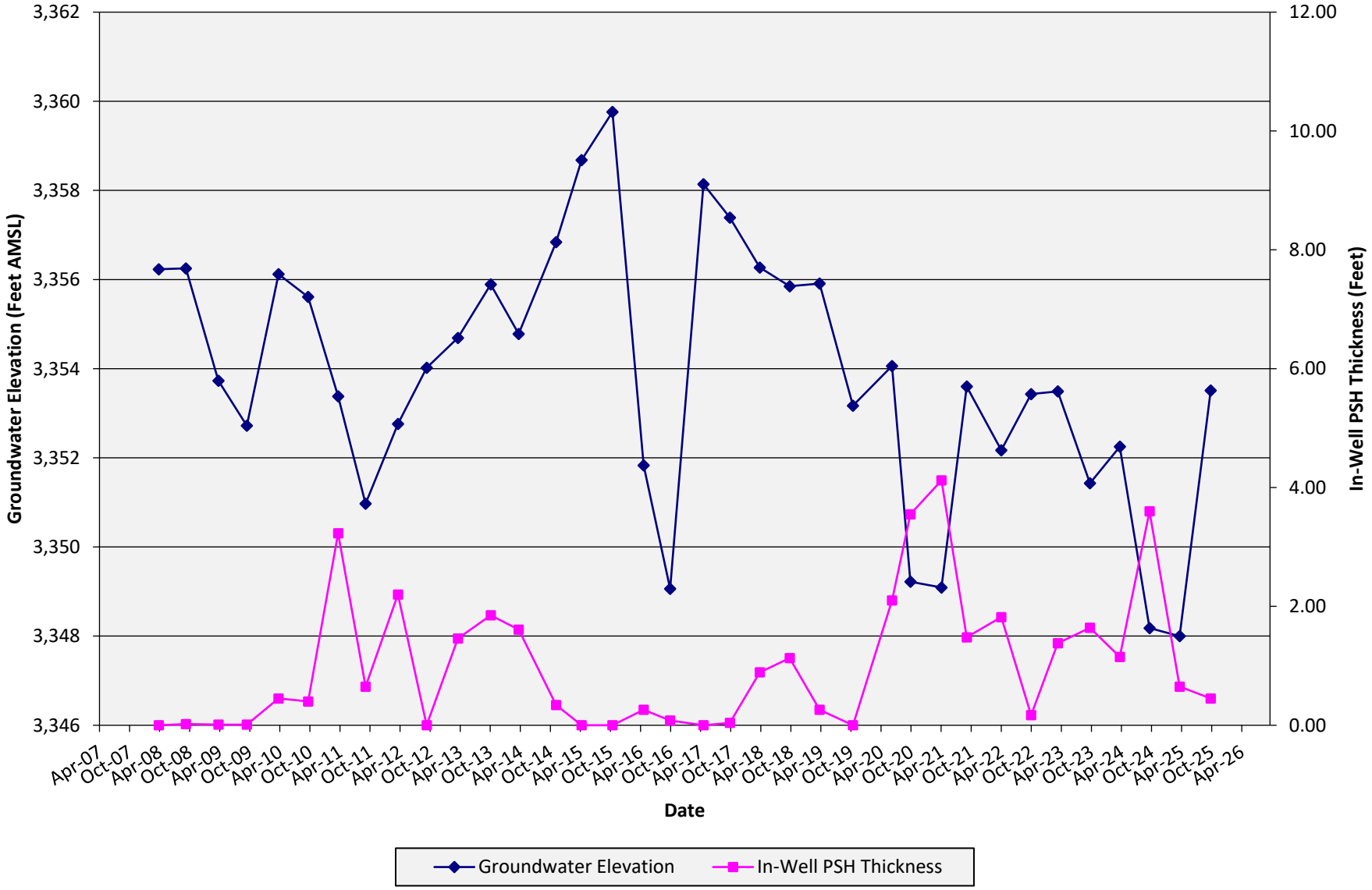
Received by OCD: 6/15/2026 7:23:14 PM

RW-8: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

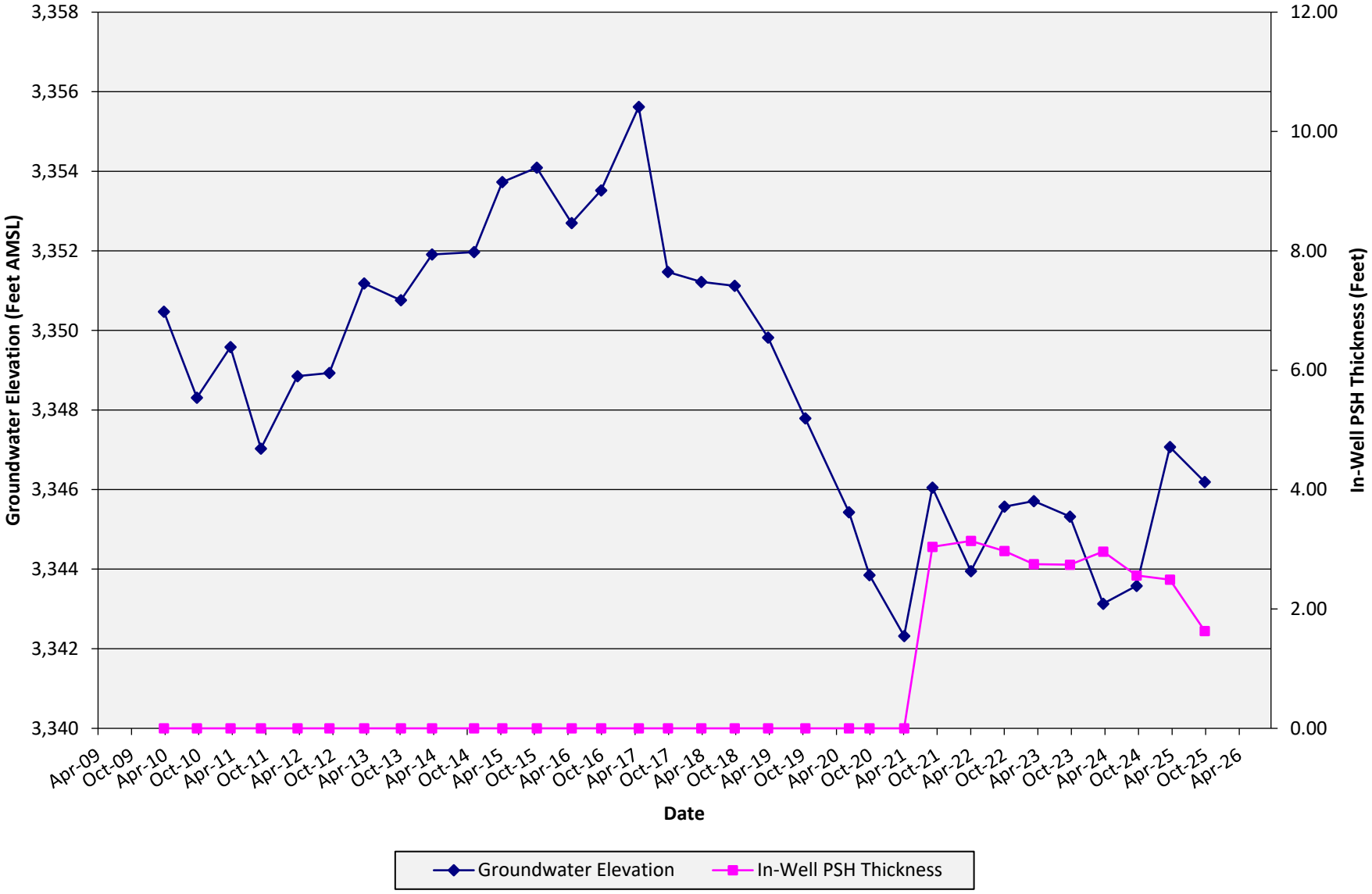


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-10: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

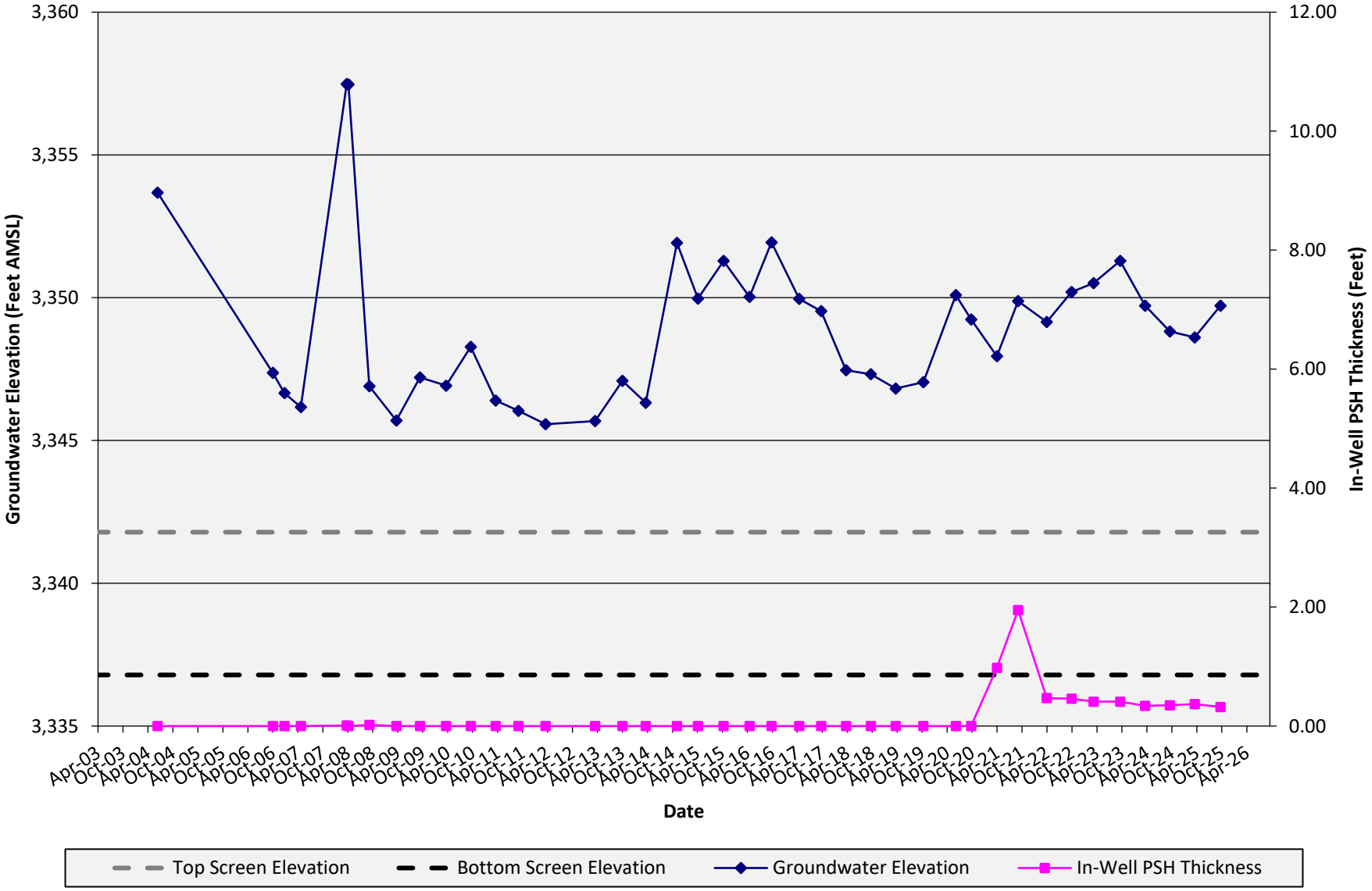


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-28: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

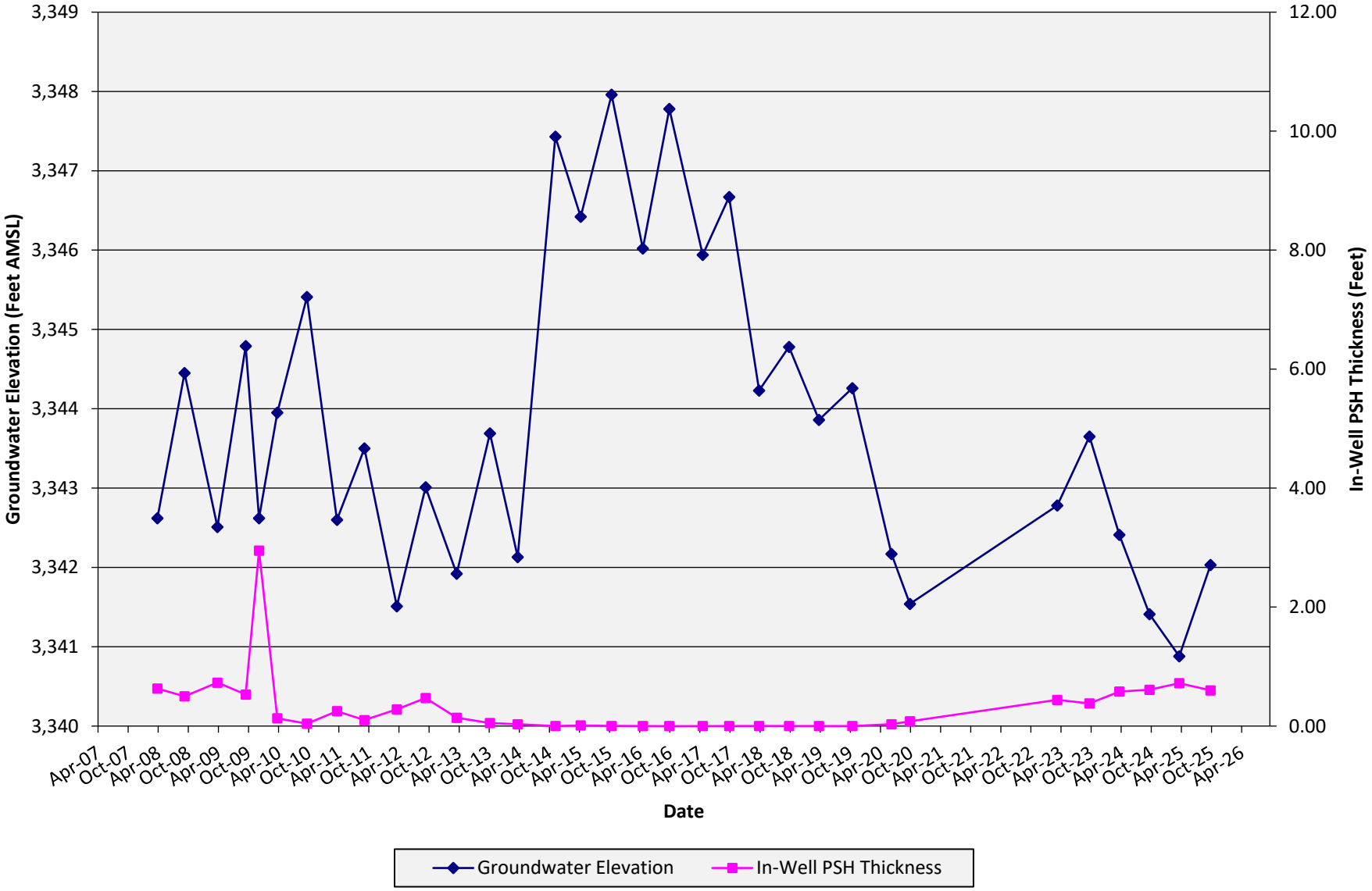


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-48: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

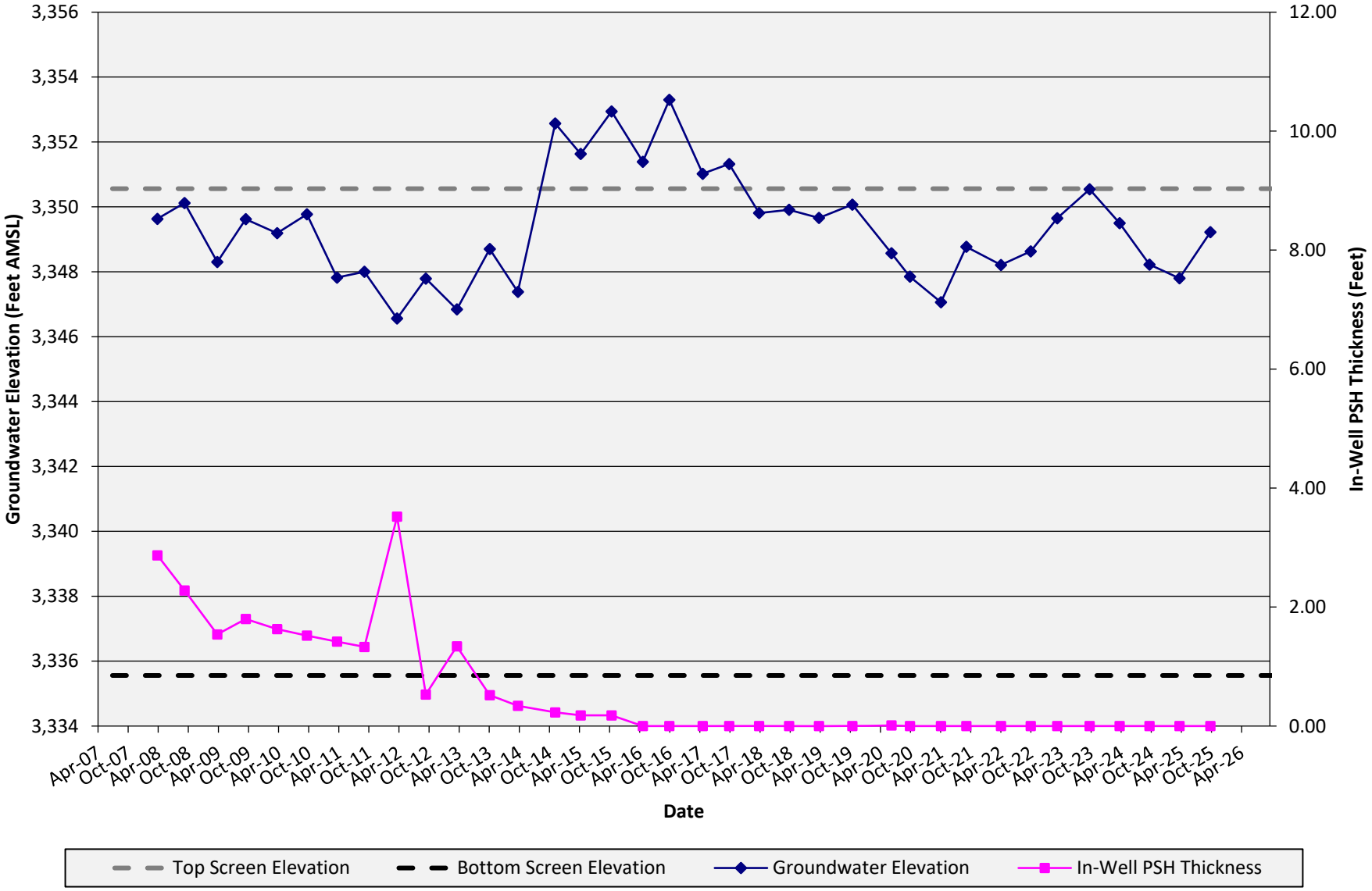


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-64: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

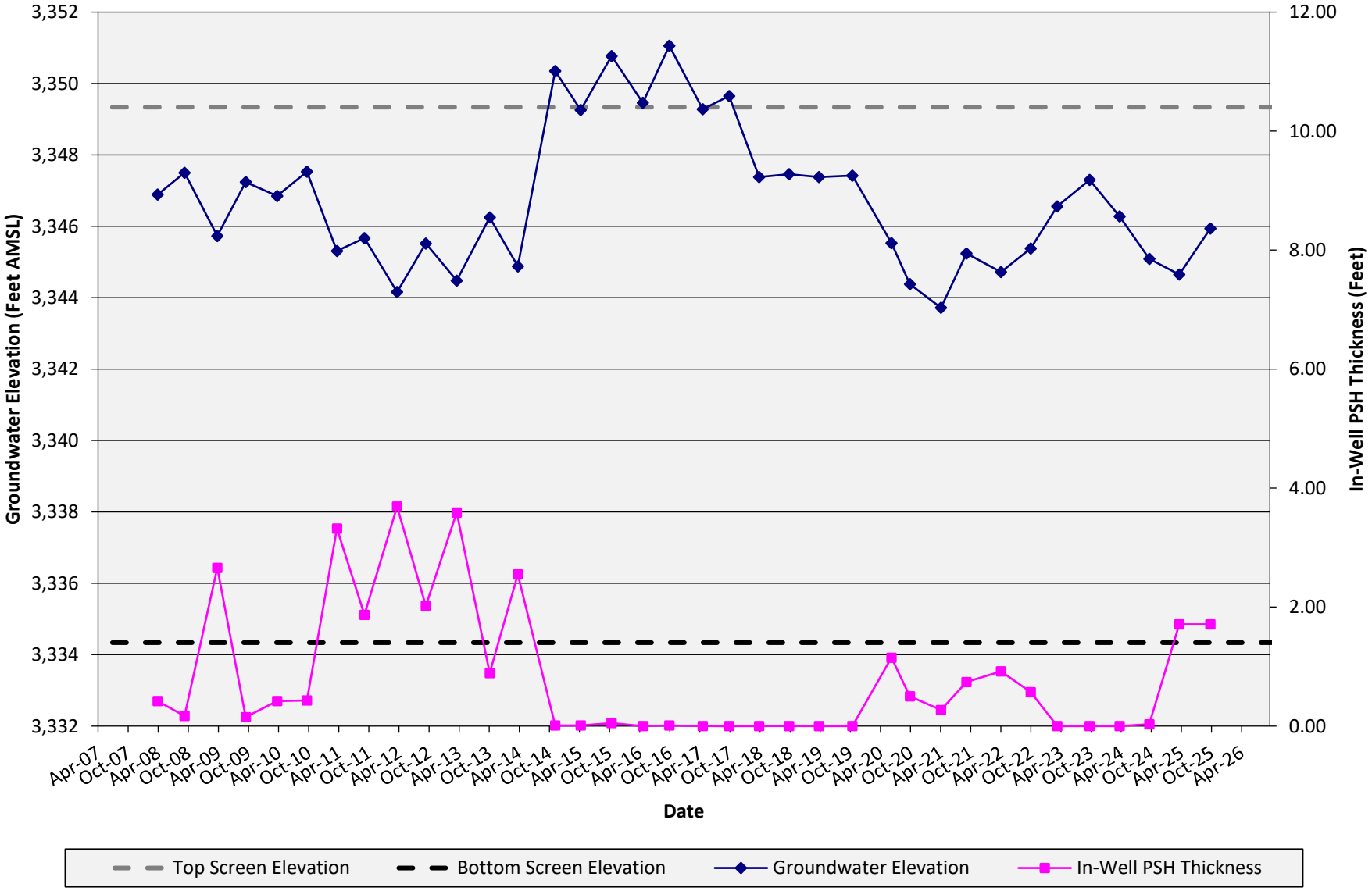


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-65: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

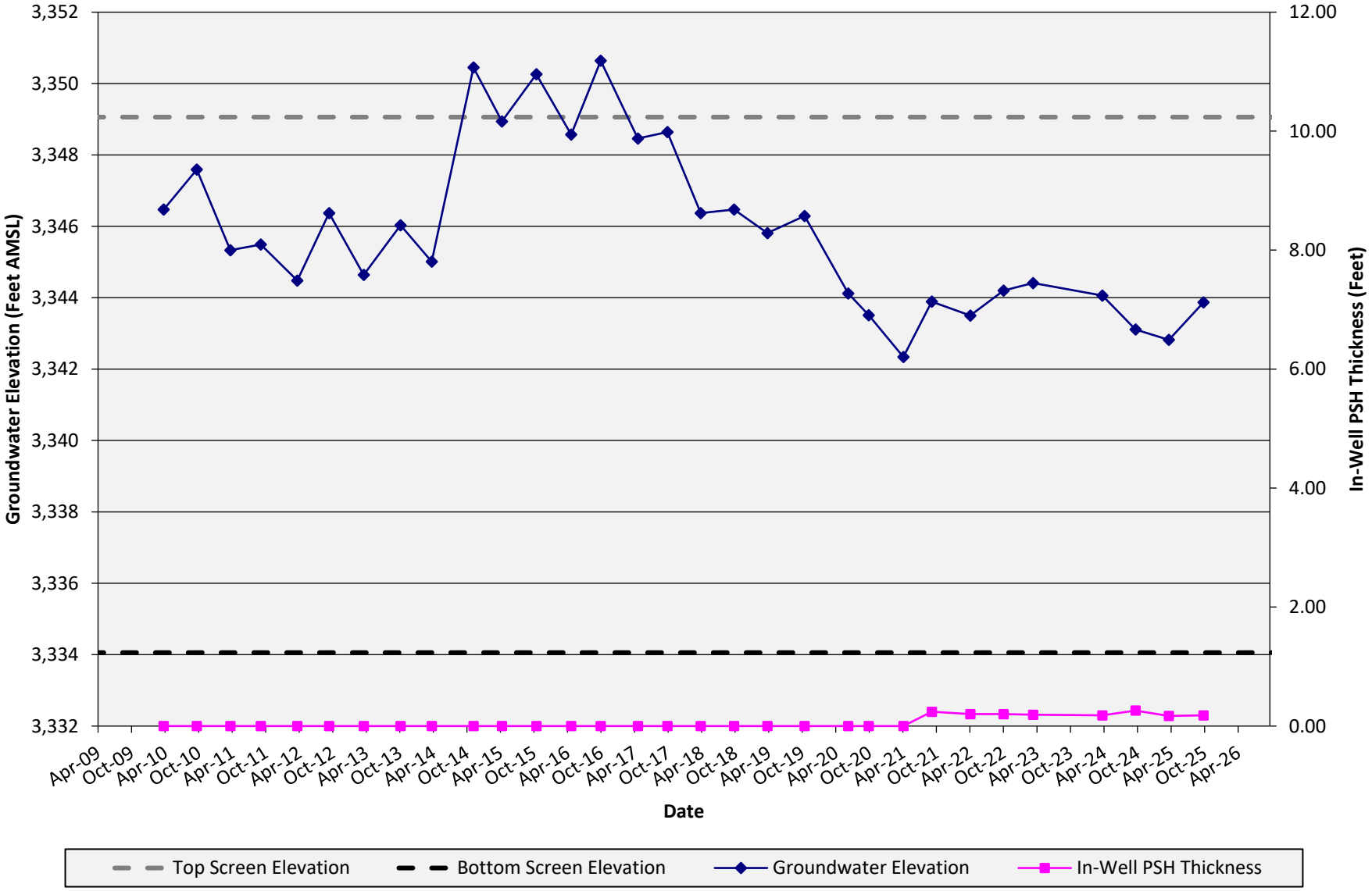


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-66: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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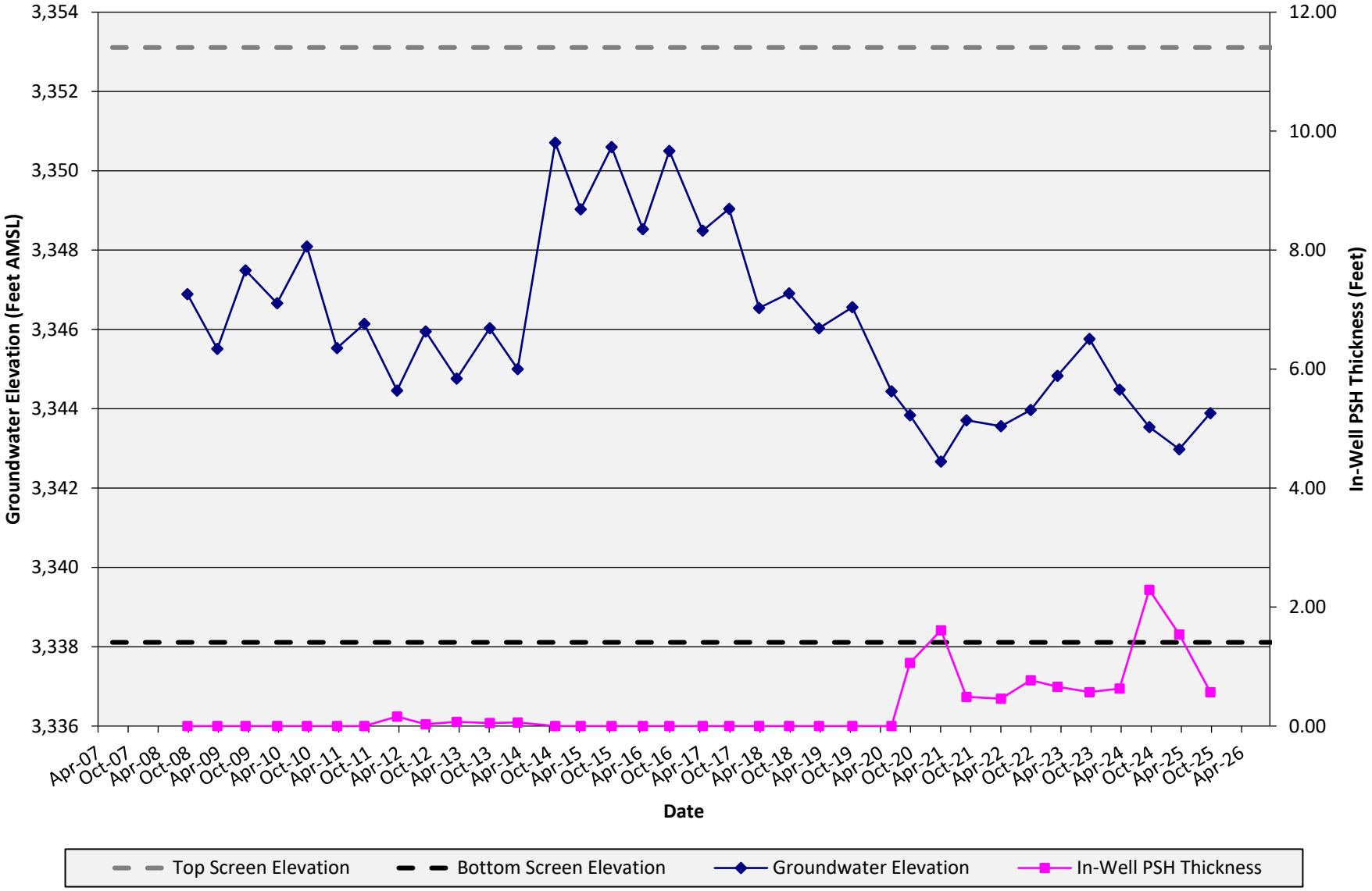
Received by OCD: 6/15/2026 7:23:14 PM

MW-99: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

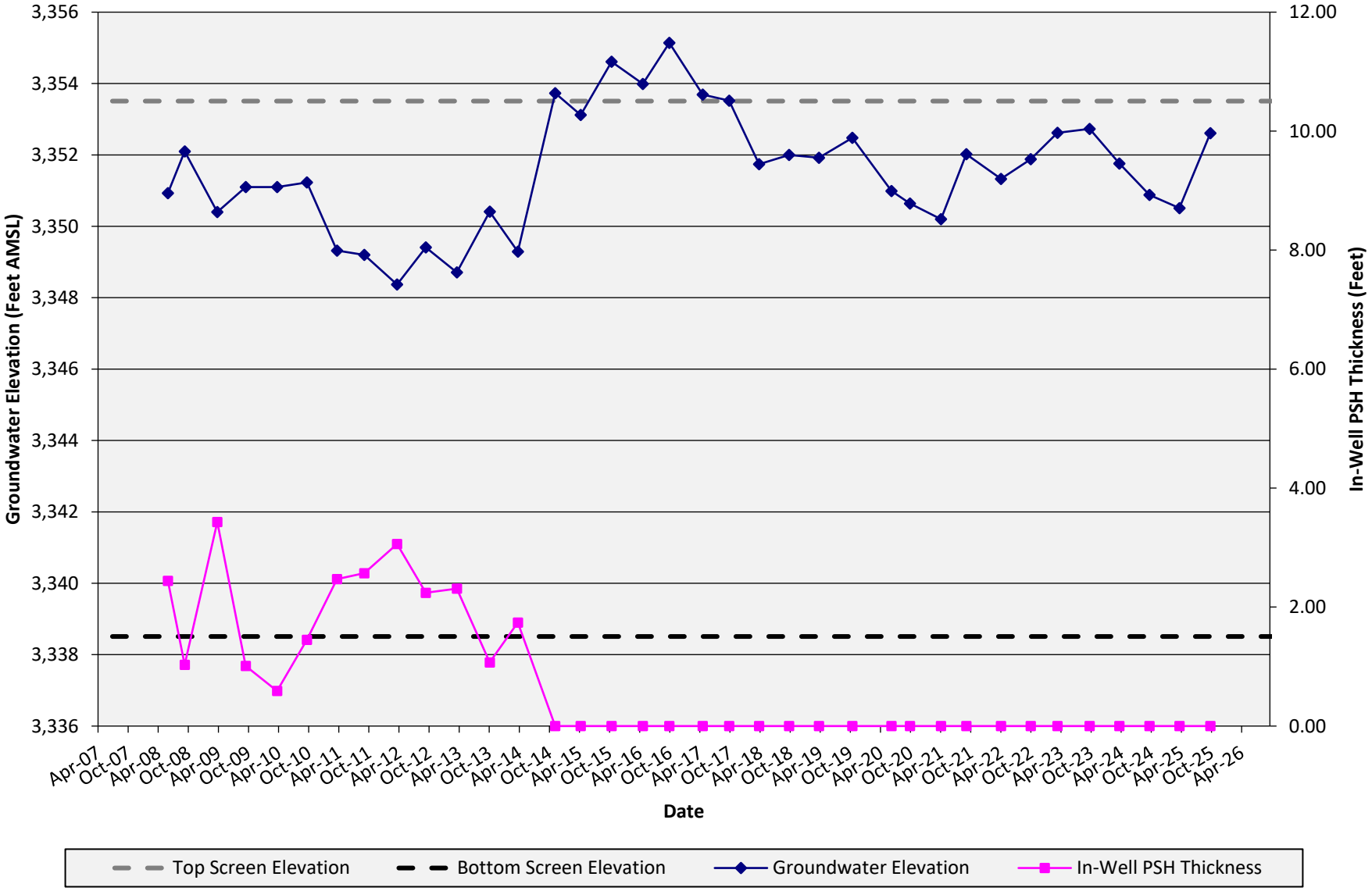


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-102: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

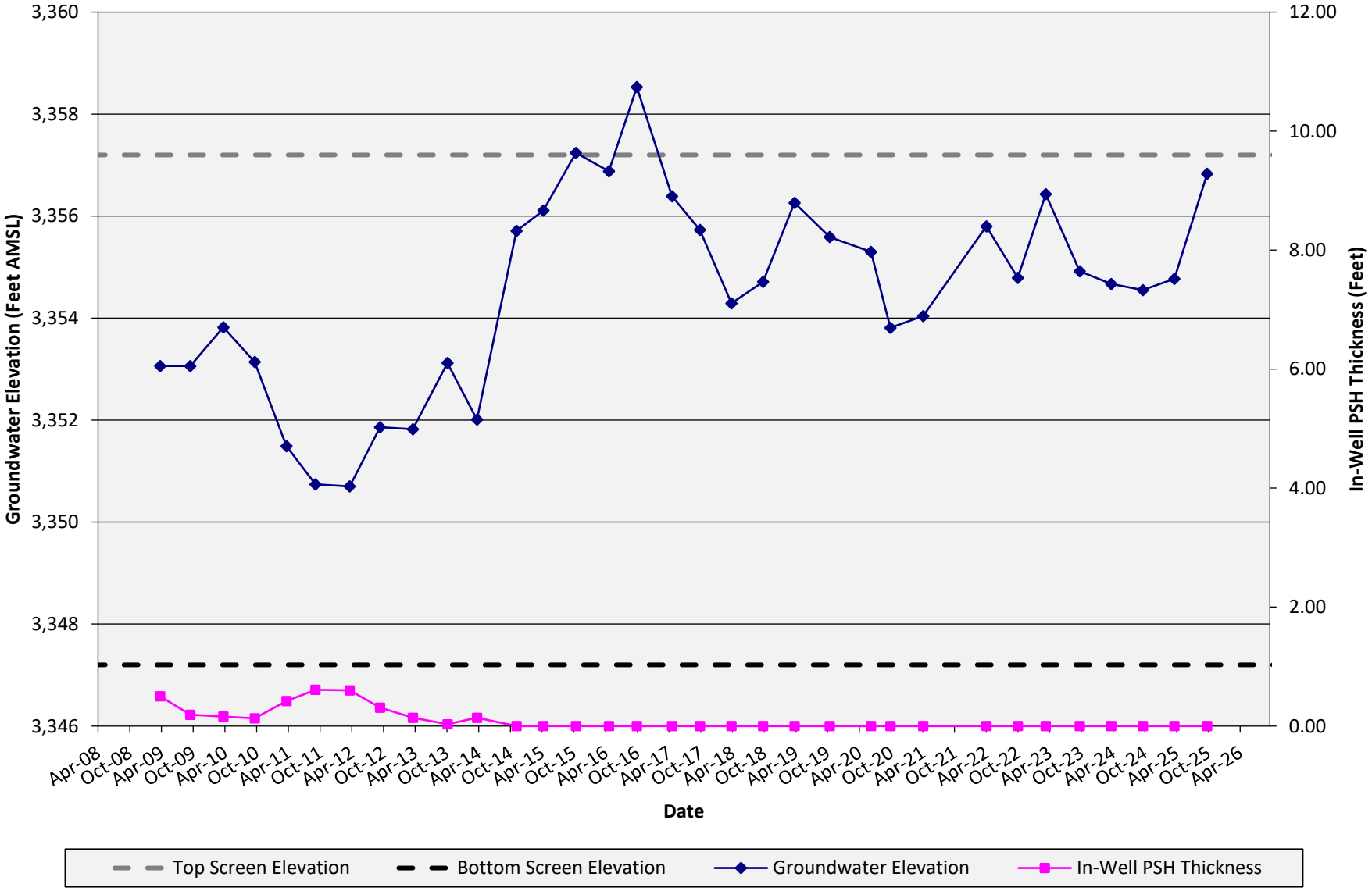


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-105: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

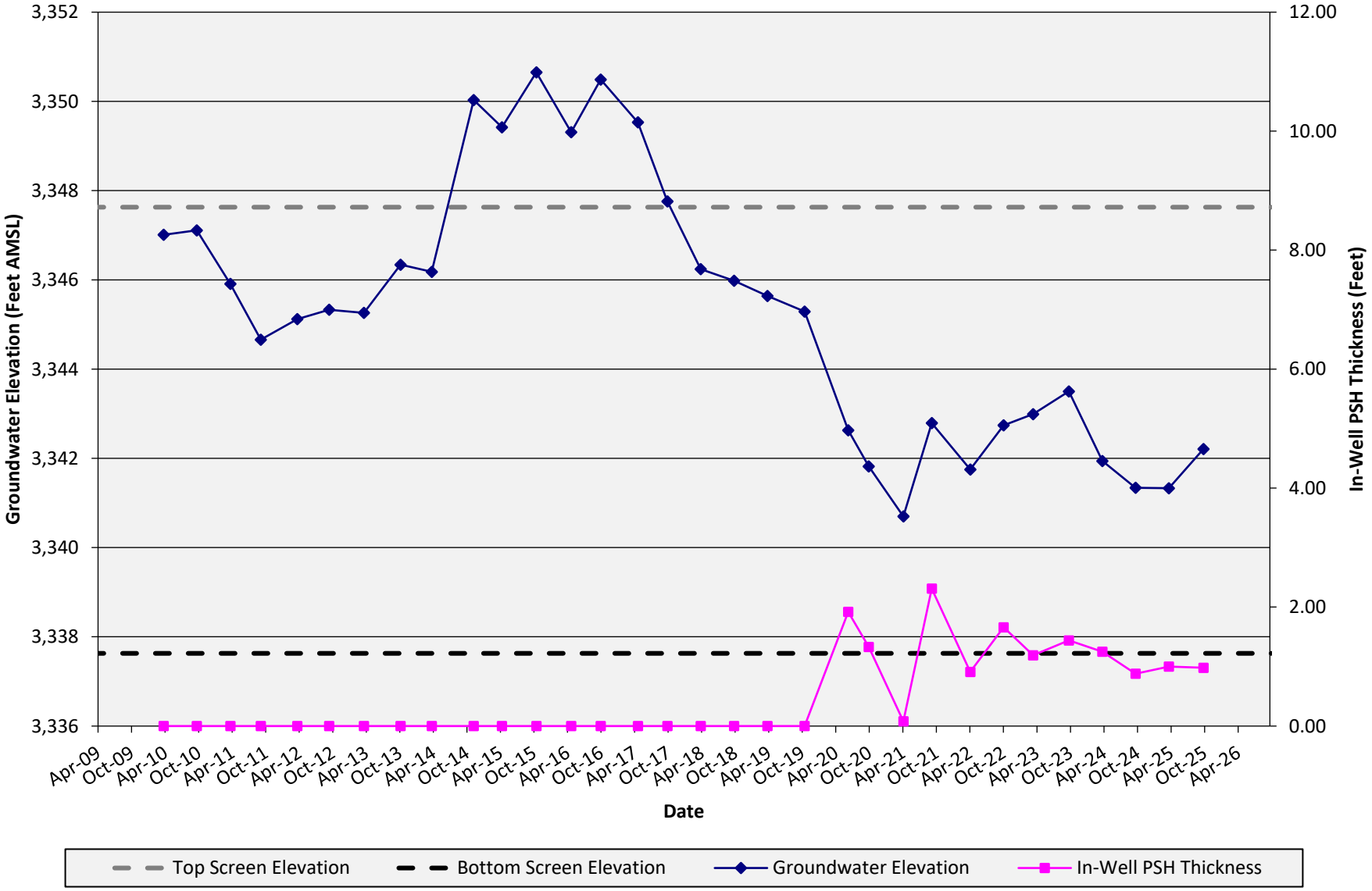


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-107: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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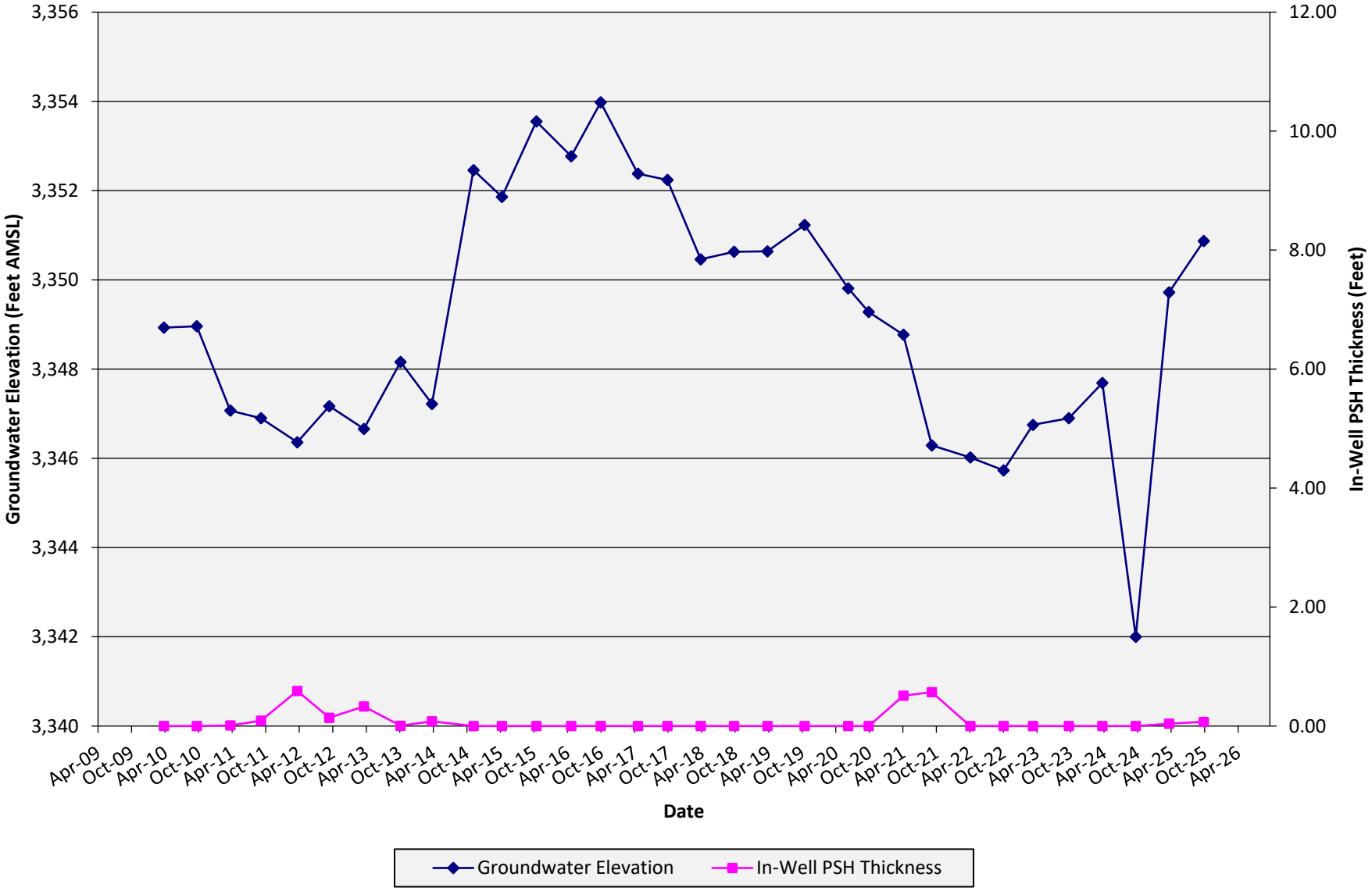
Received by OCD: 6/15/2026 7:23:14 PM

RW-4 & RW-4R: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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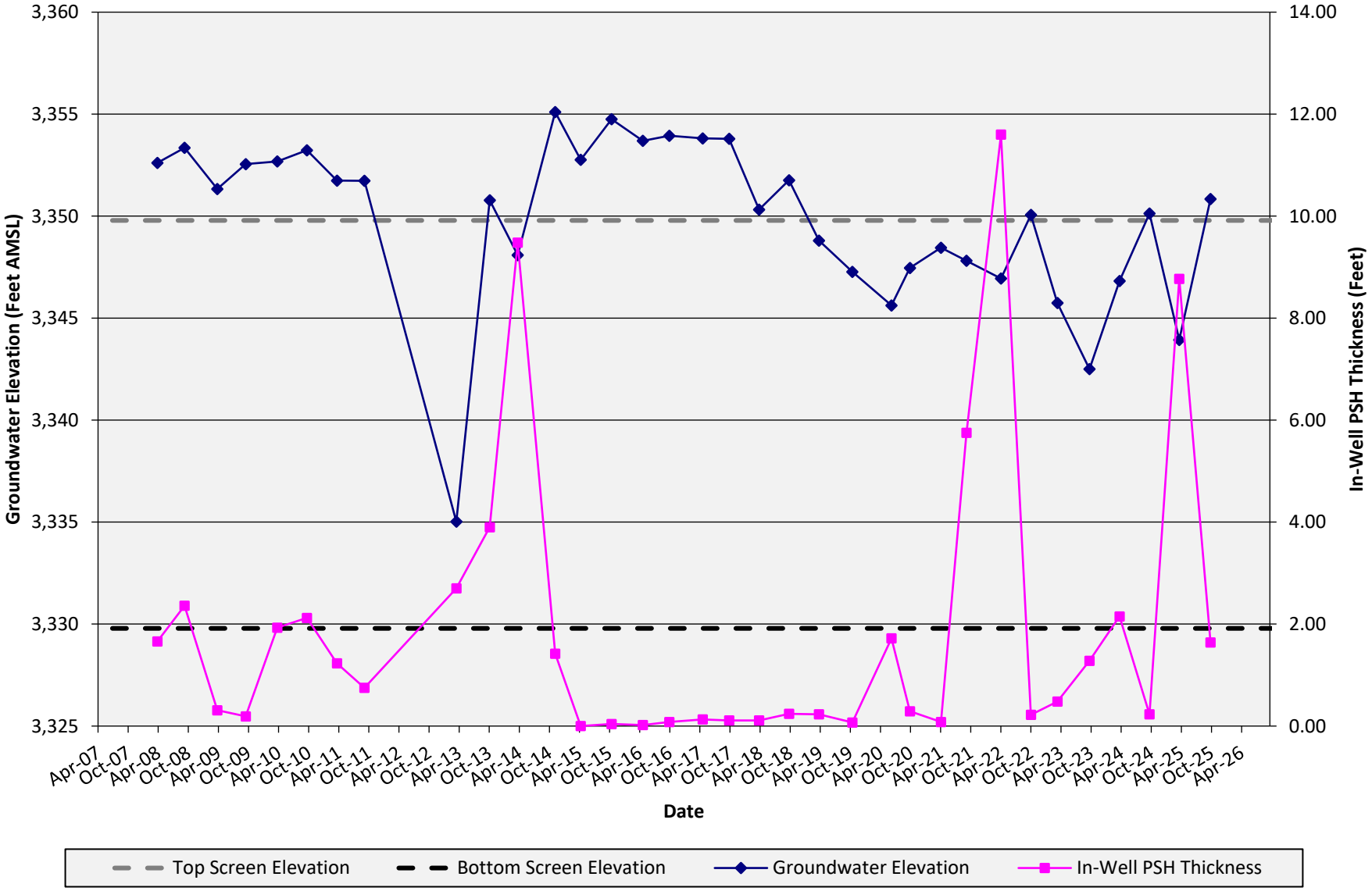
Received by OCD: 6/15/2026 7:23:14 PM

RW-5R: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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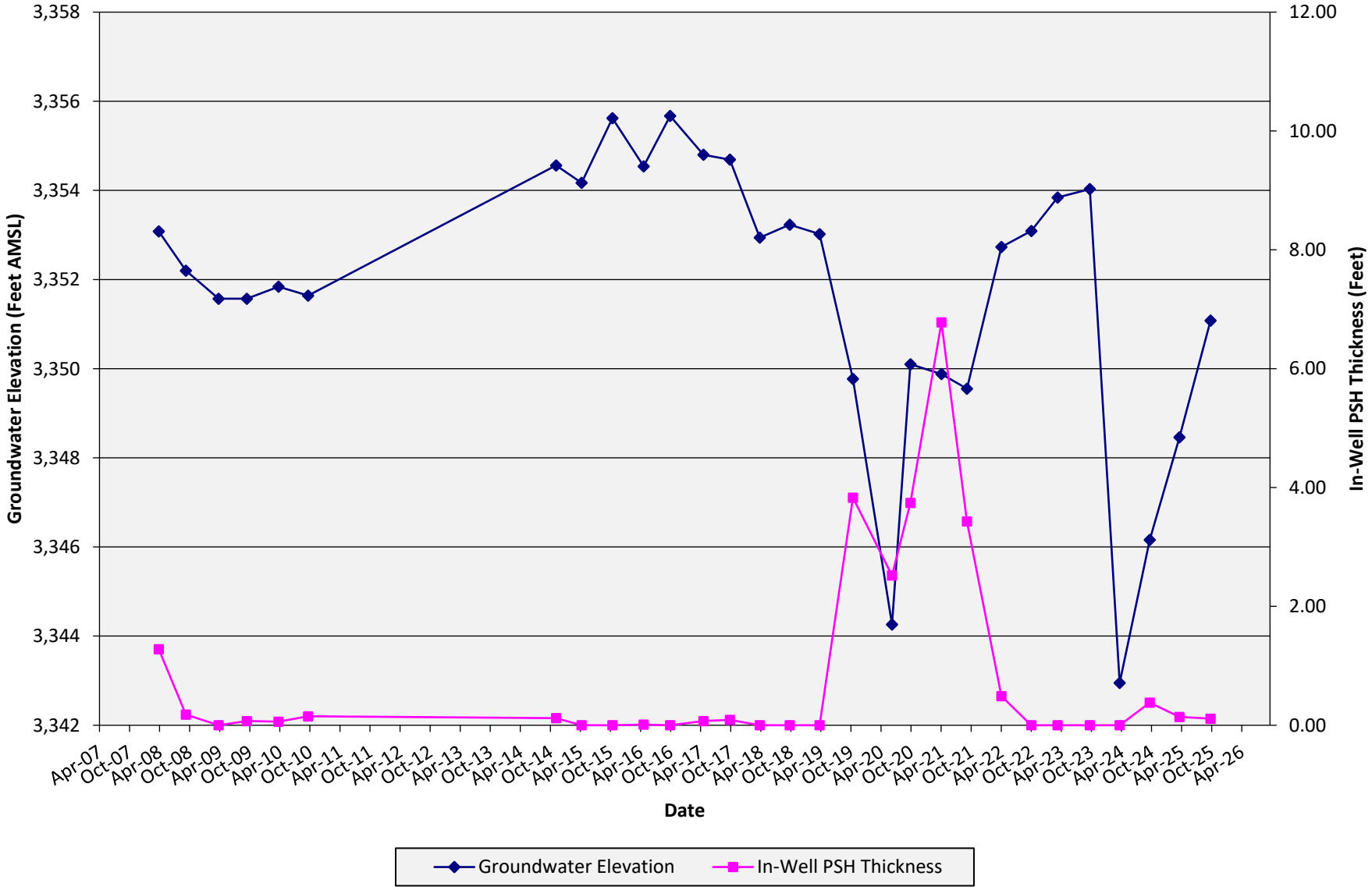
Received by OCD: 6/15/2026 7:23:14 PM

RW-6: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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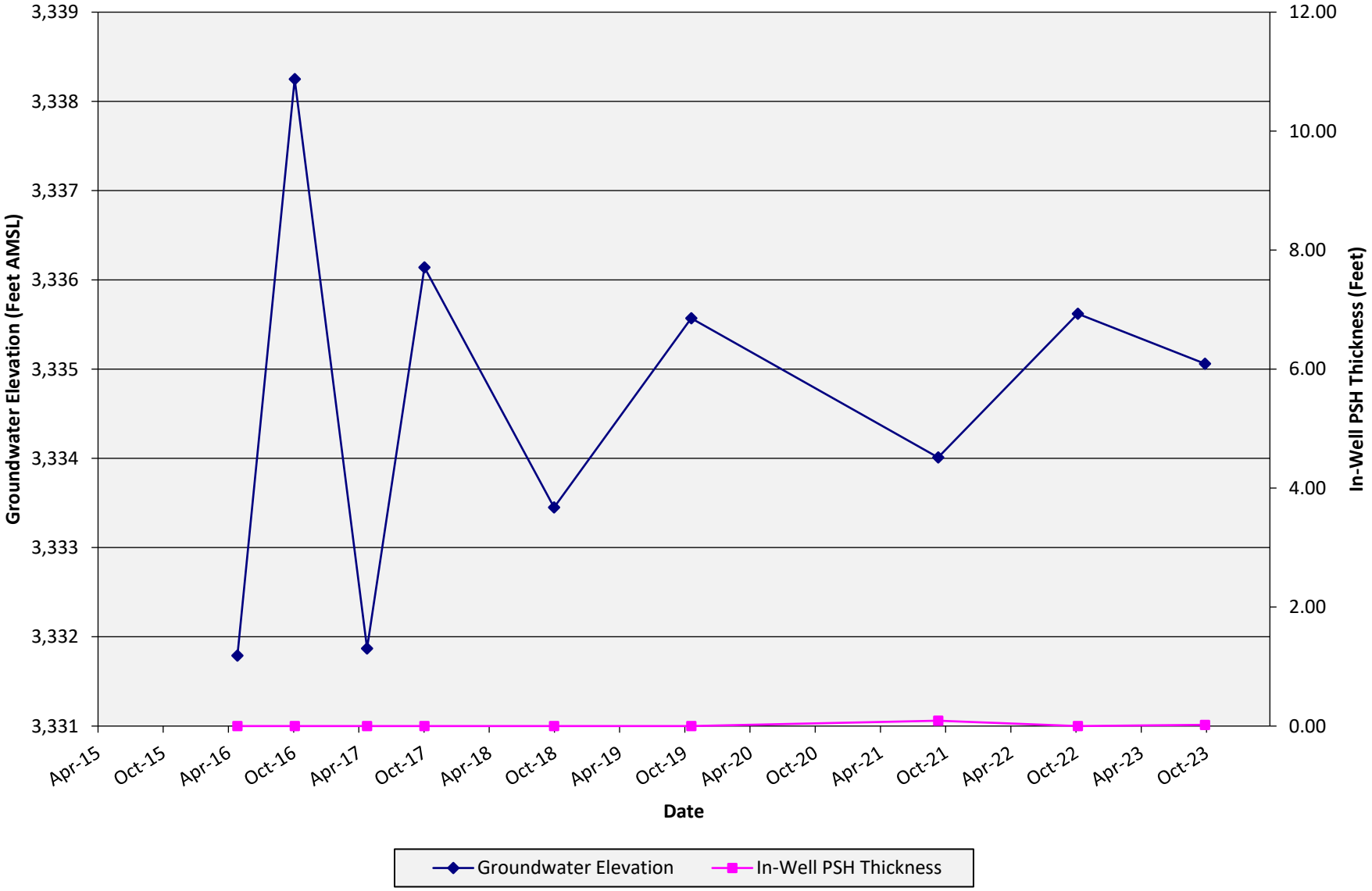
RW-11-0: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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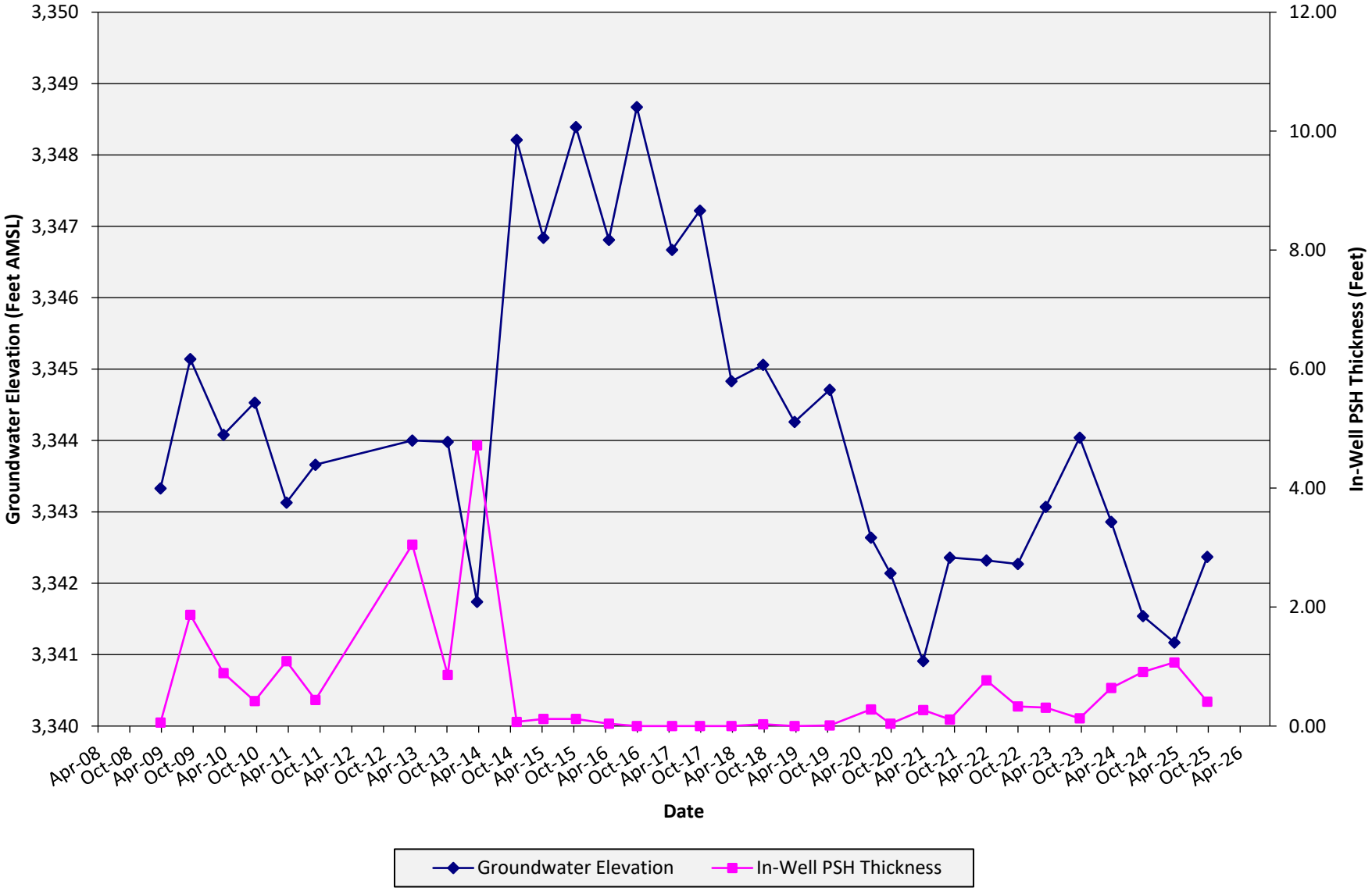
Received by OCD: 6/15/2026 7:23:14 PM

RW-15C: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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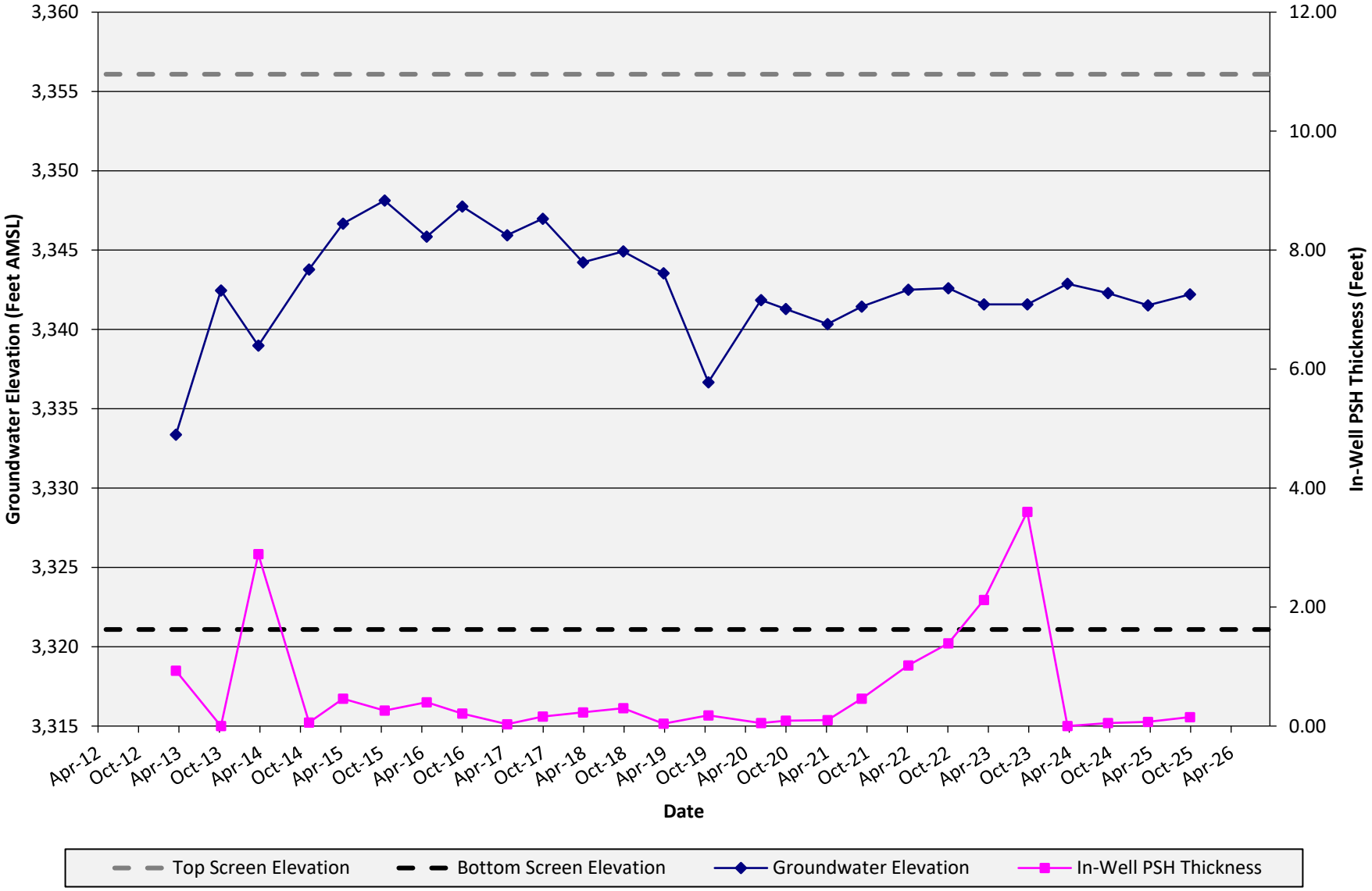
Received by OCD: 6/15/2026 7:23:14 PM

RW-19: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

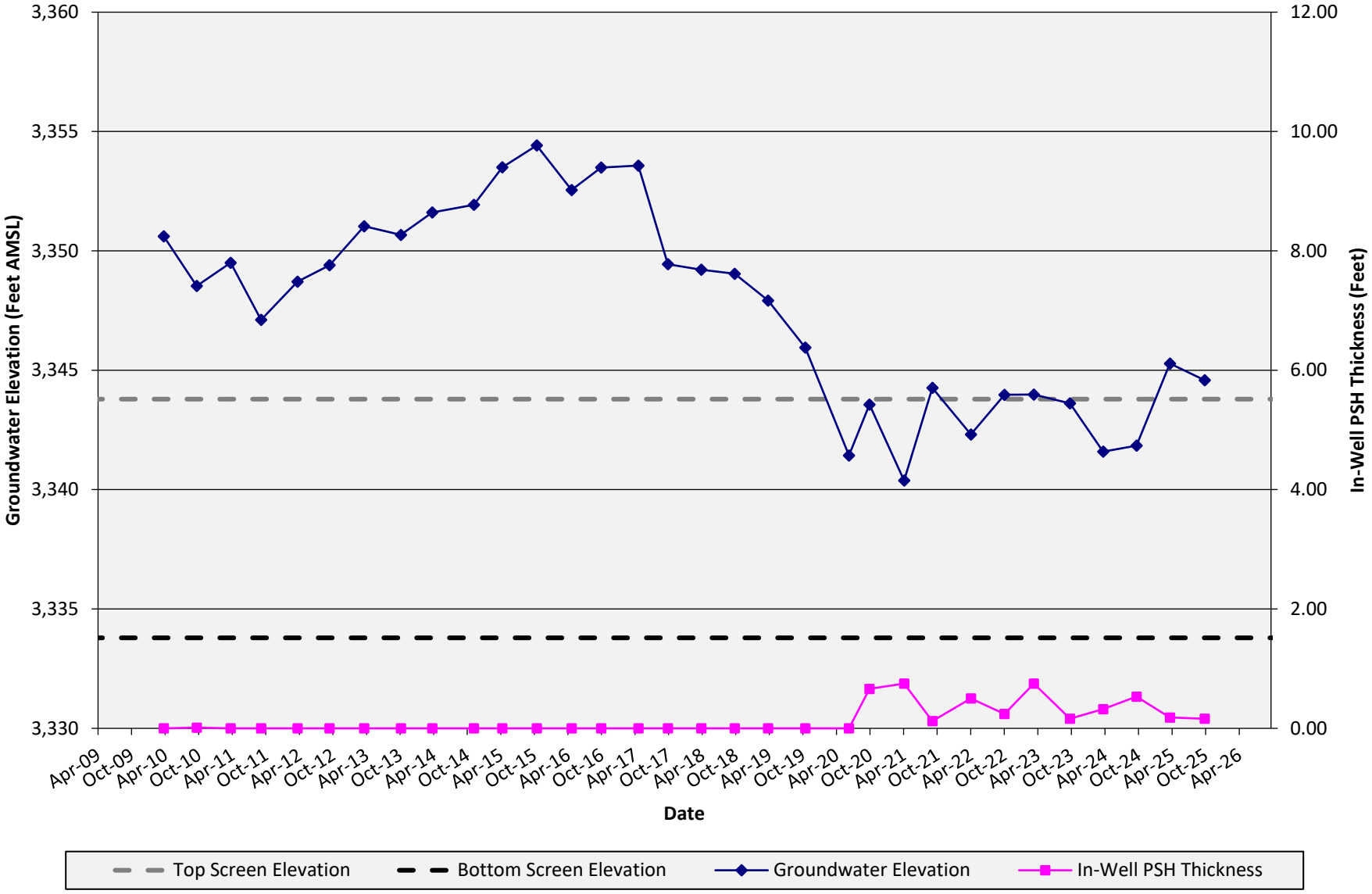


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

TEL-1: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Tetra Ethyl Lead Surface Impoundment



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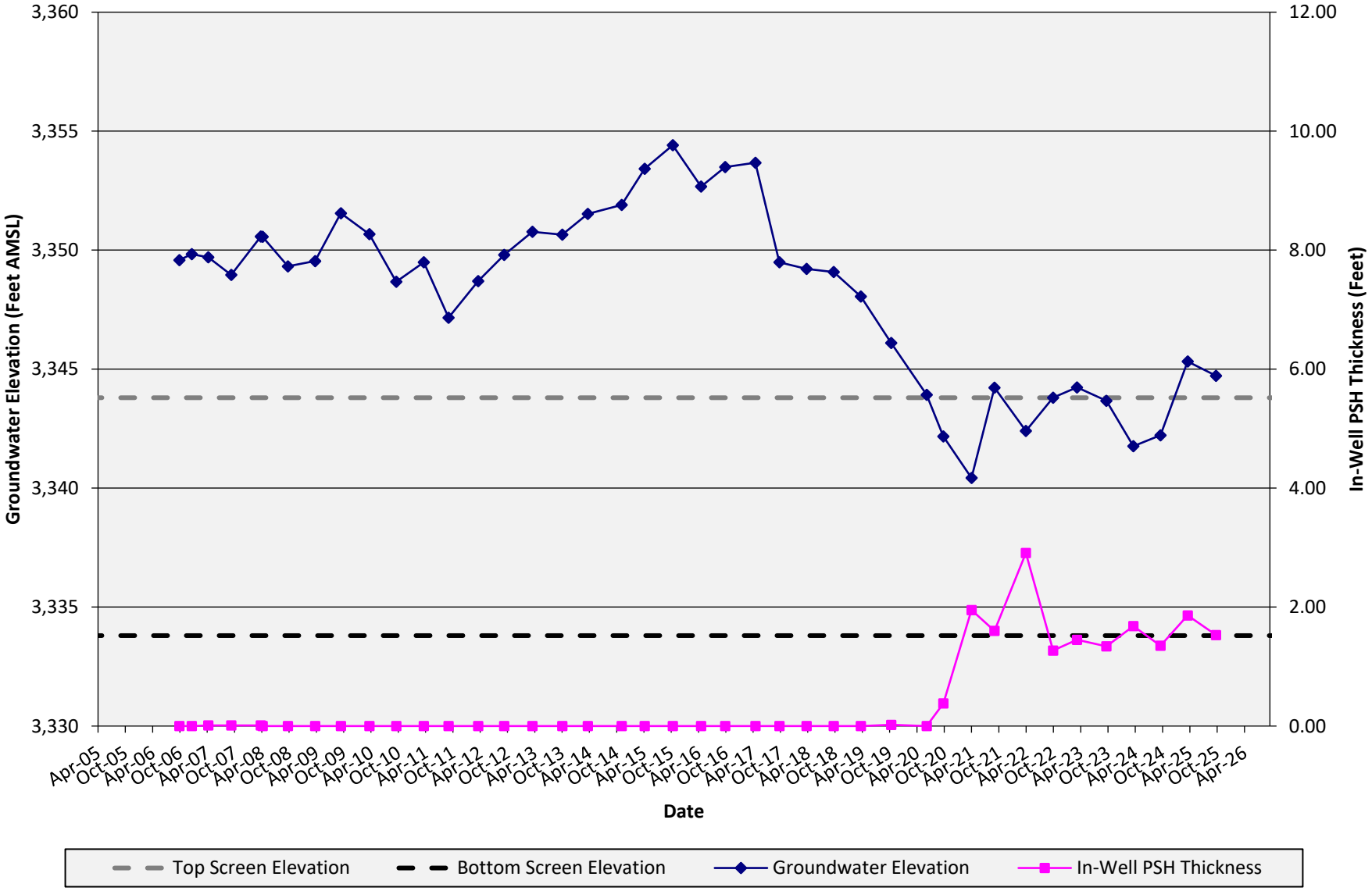
Received by OCD: 6/15/2026 7:23:14 PM

TEL-2: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Tetra Ethyl Lead Surface Impoundment

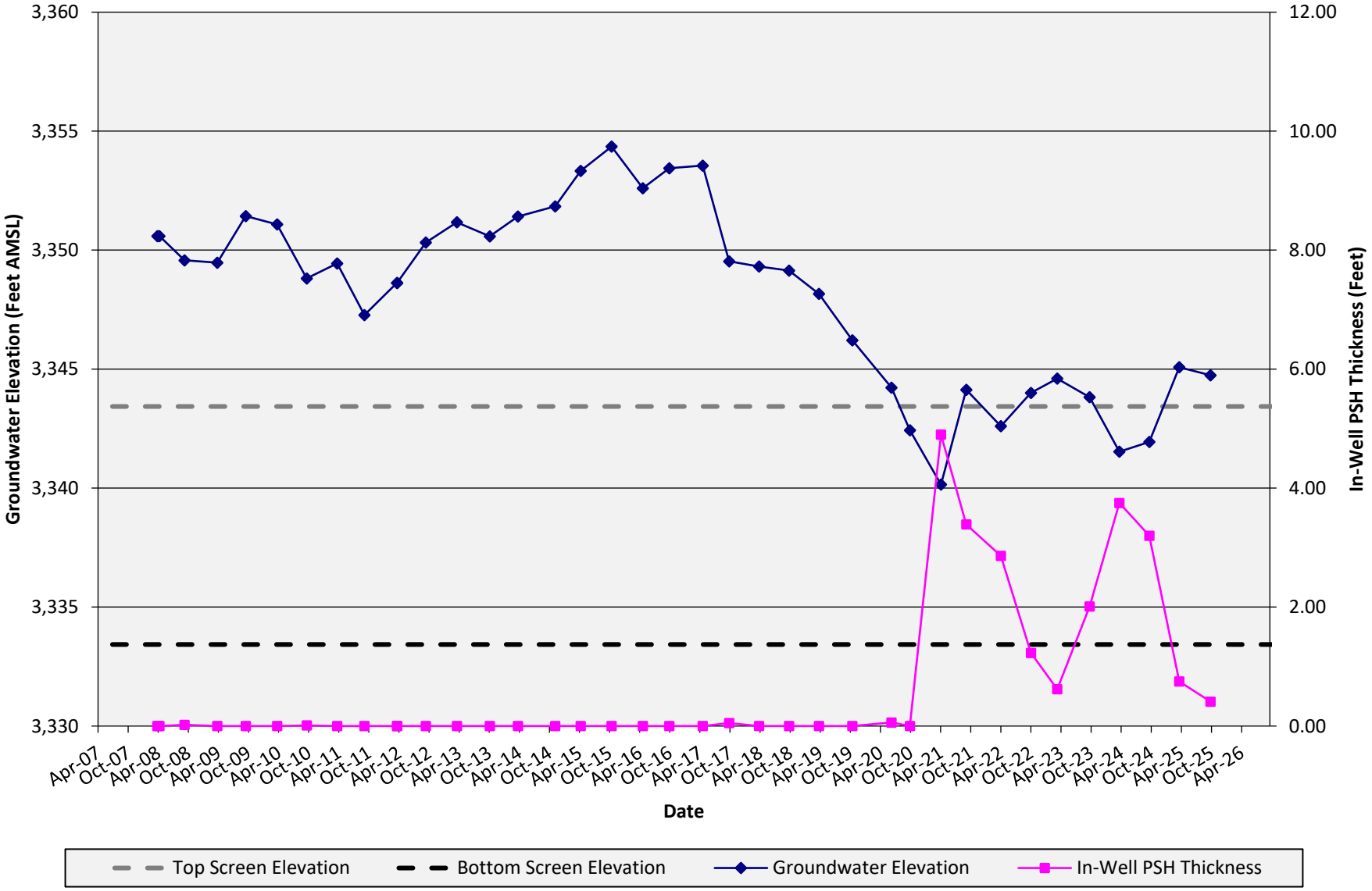


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

TEL-3: Groundwater Elevations and In-Well PSH Thicknesses

HF Sinclair Navajo Refining LLC - Artesia Refinery

Tetra Ethyl Lead Surface Impoundment

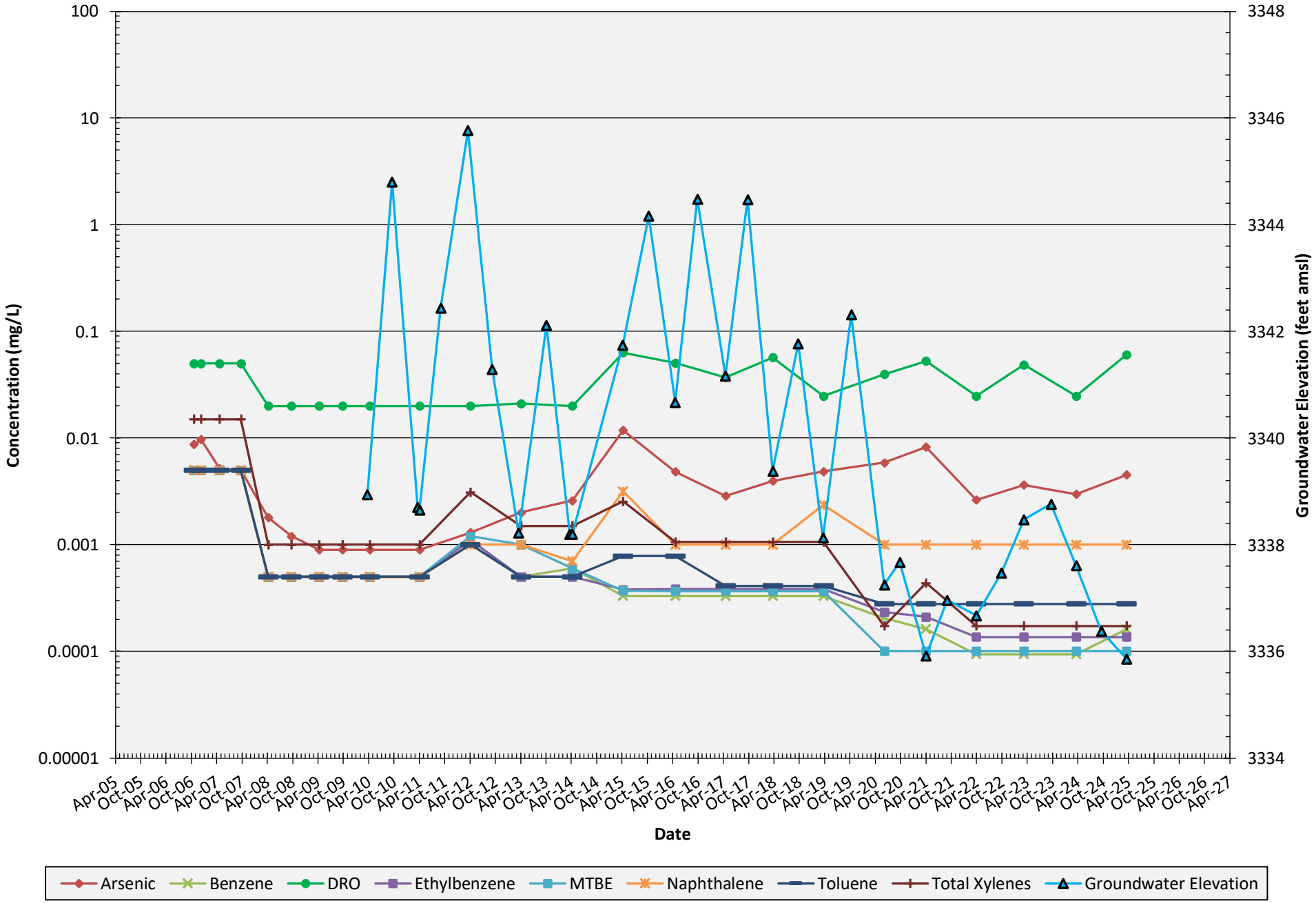


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

KWB-13: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Cross-and-Up-Gradient

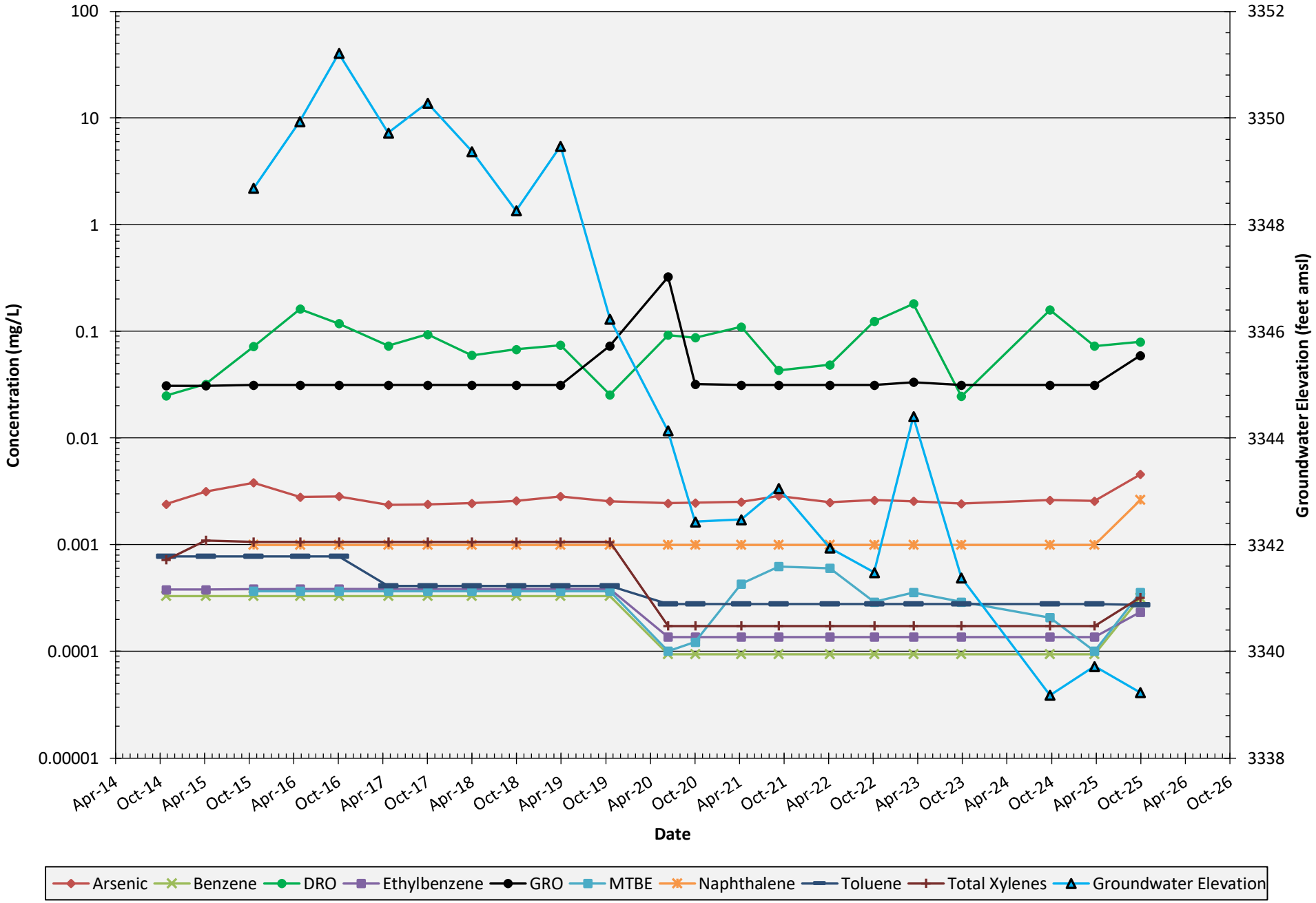


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-136: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Cross-and-Up-Gradient

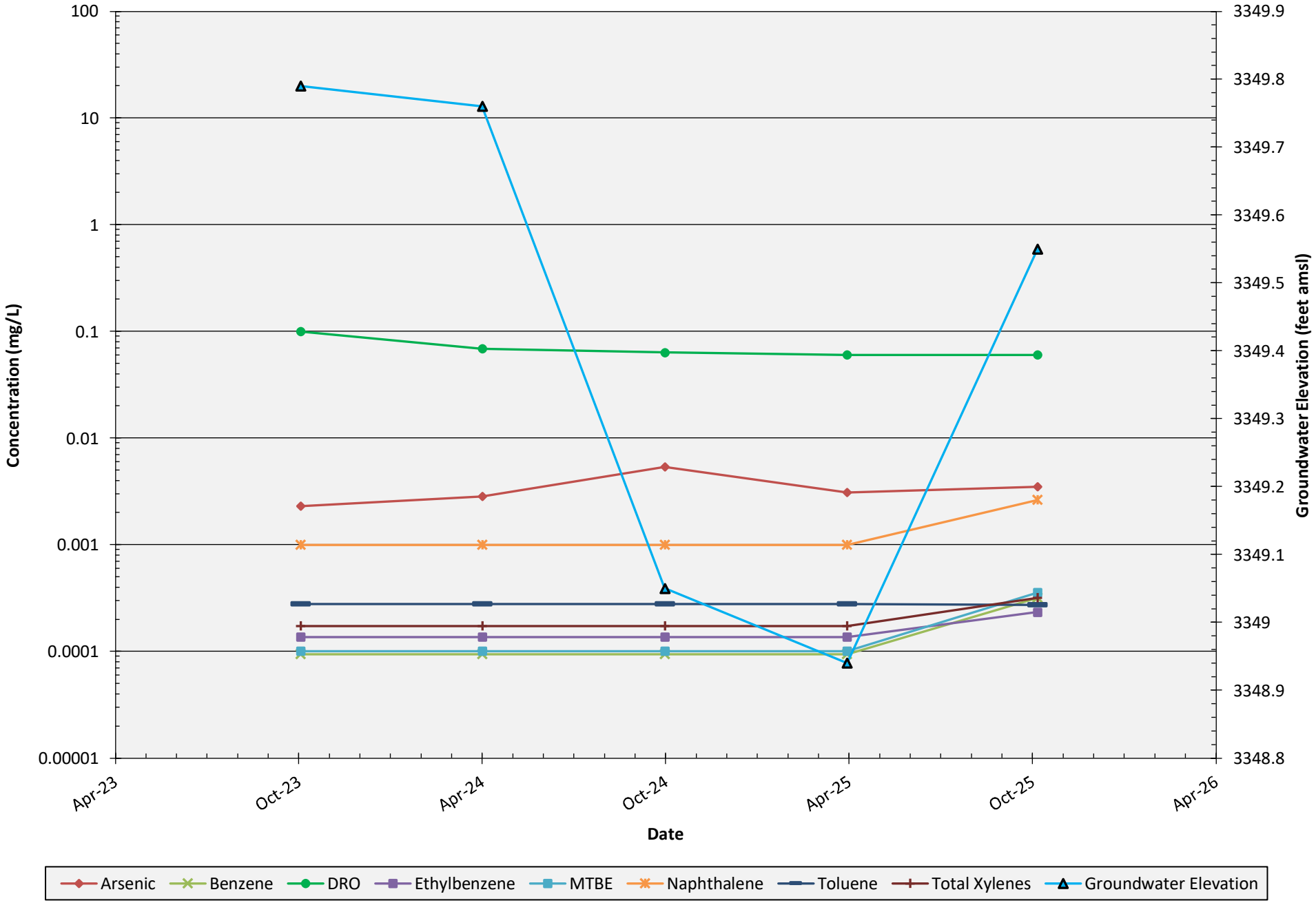


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-149: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Cross-and-Up-Gradient

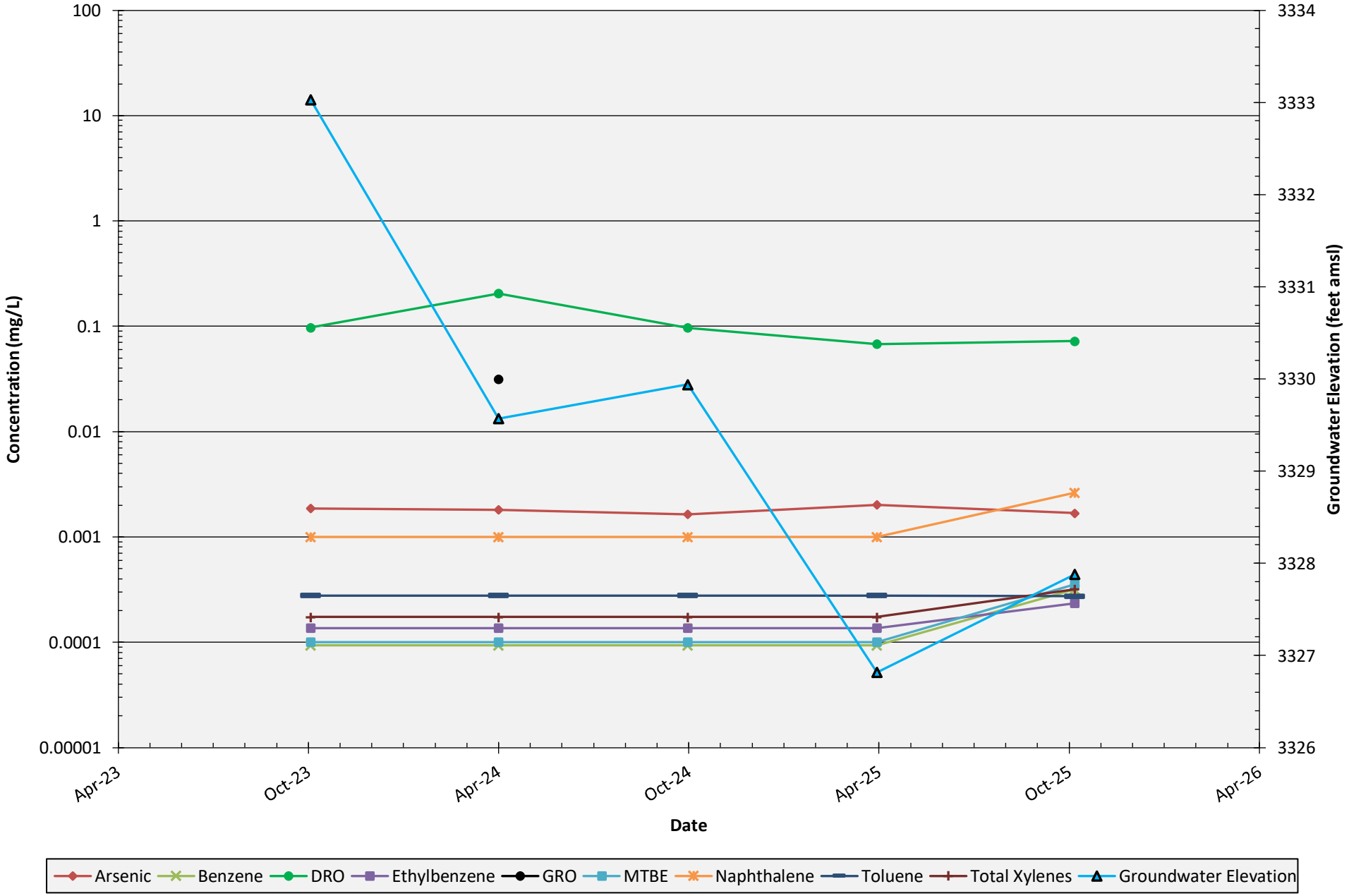


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-150: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Cross-and-Up-Gradient

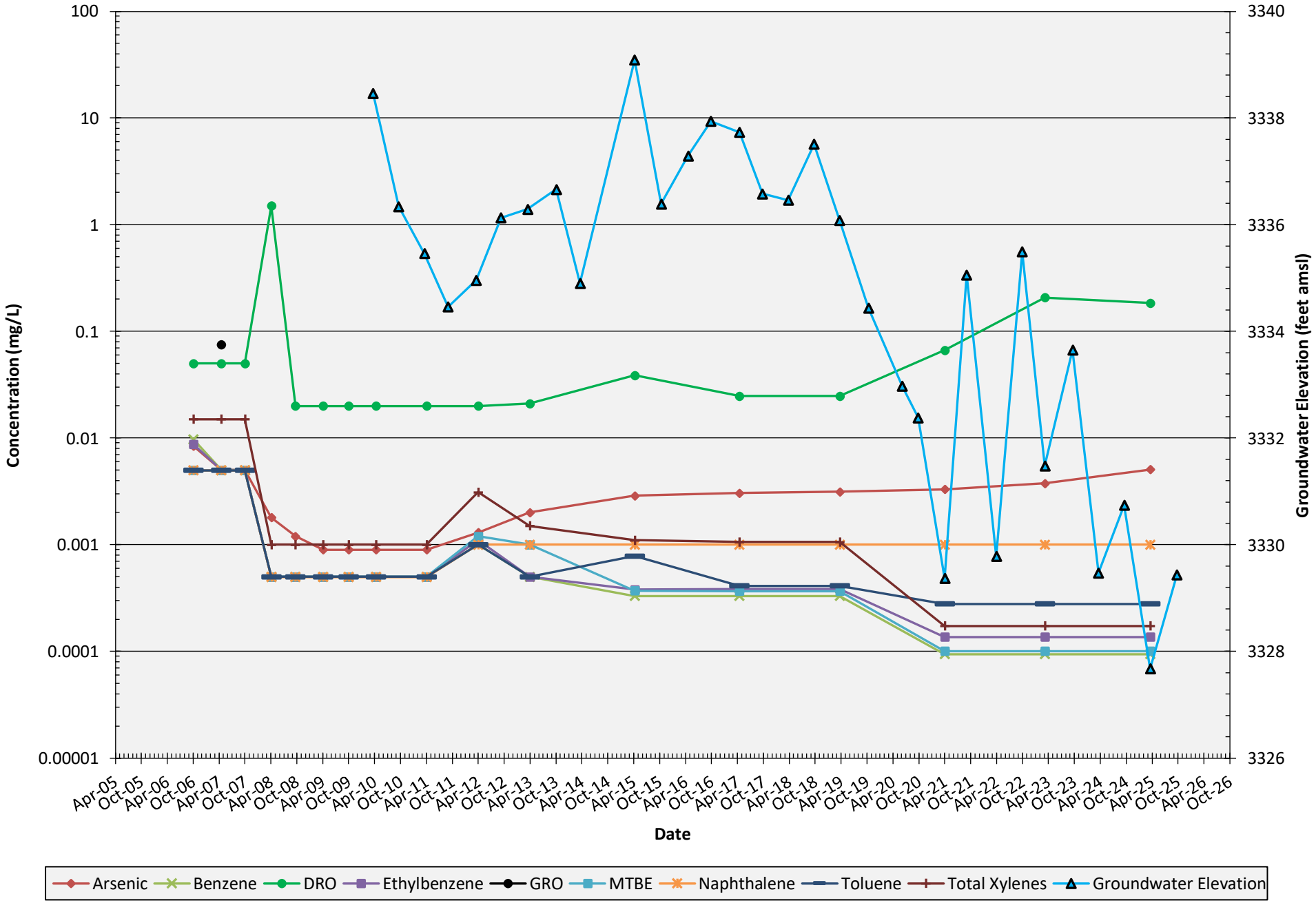


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

NP-5: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Cross-and-Up-Gradient



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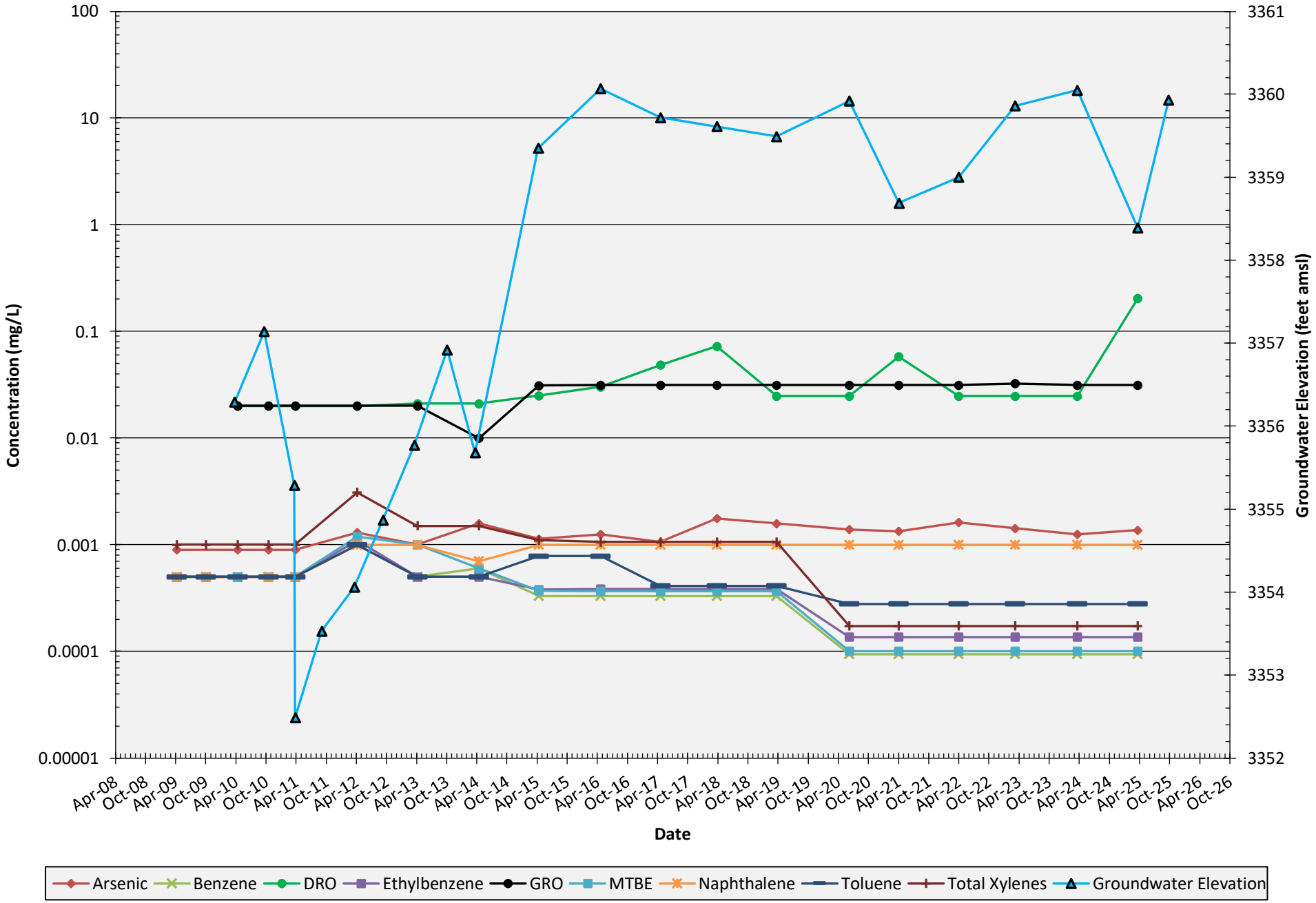
Received by OCD: 6/15/2026 7:23:14 PM

UG-1: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Cross-and-Up-Gradient



Released to Imaging: 6/26/2026 3:07:01 PM
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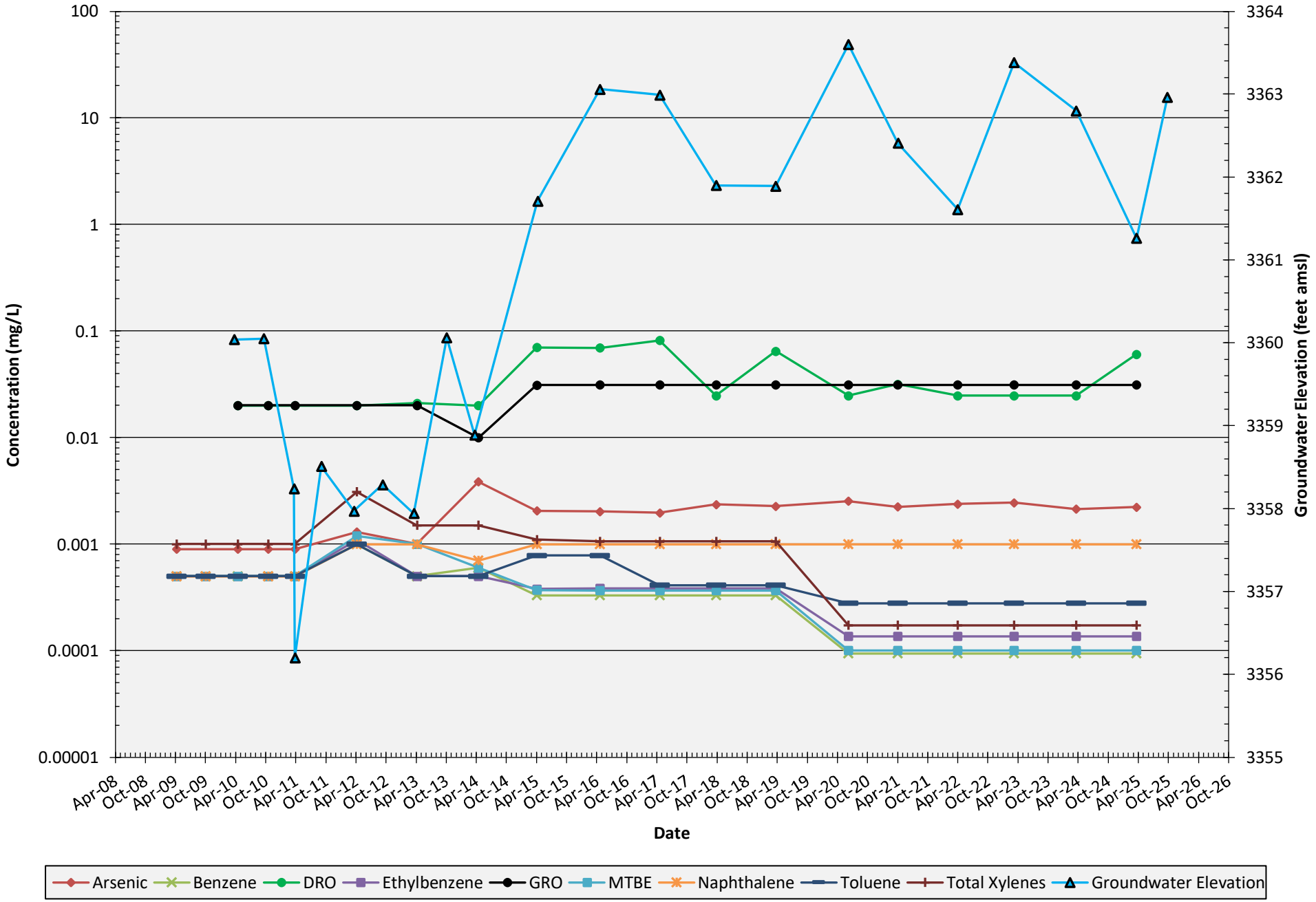
UG-2: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Cross-and-Up-Gradient

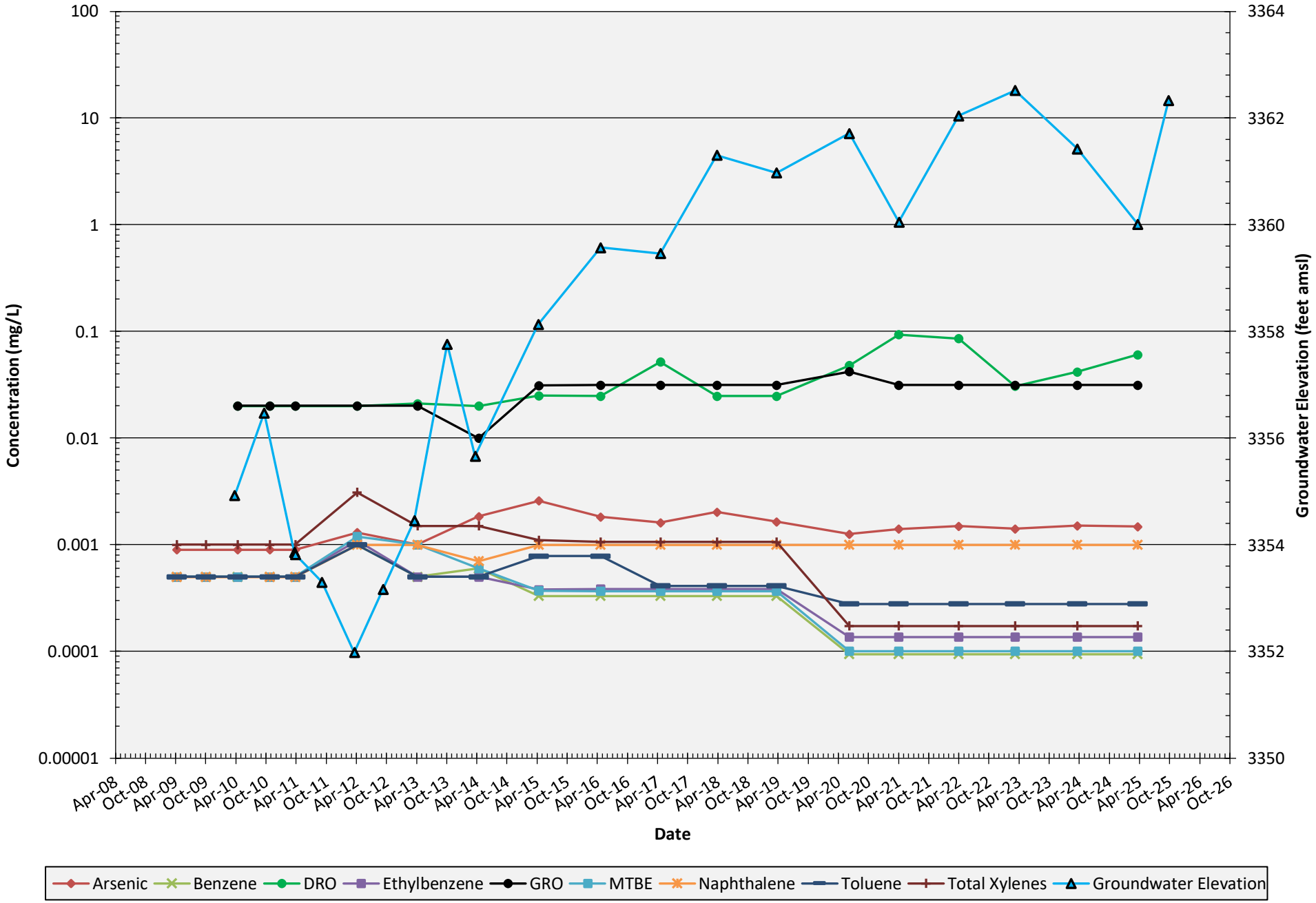


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

UG-3R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Cross-and-Up-Gradient

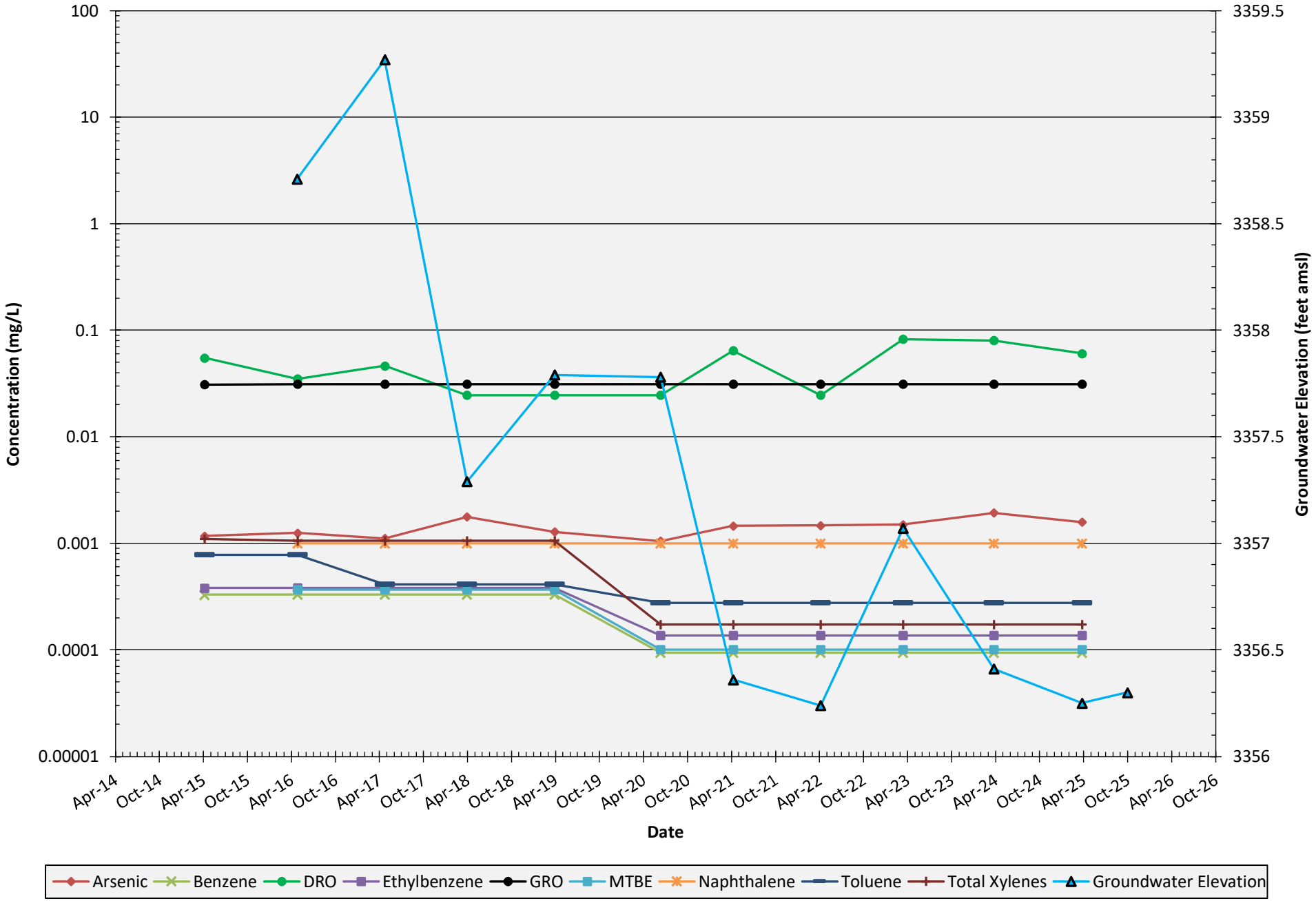


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

UG-4: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Cross-and-Up-Gradient



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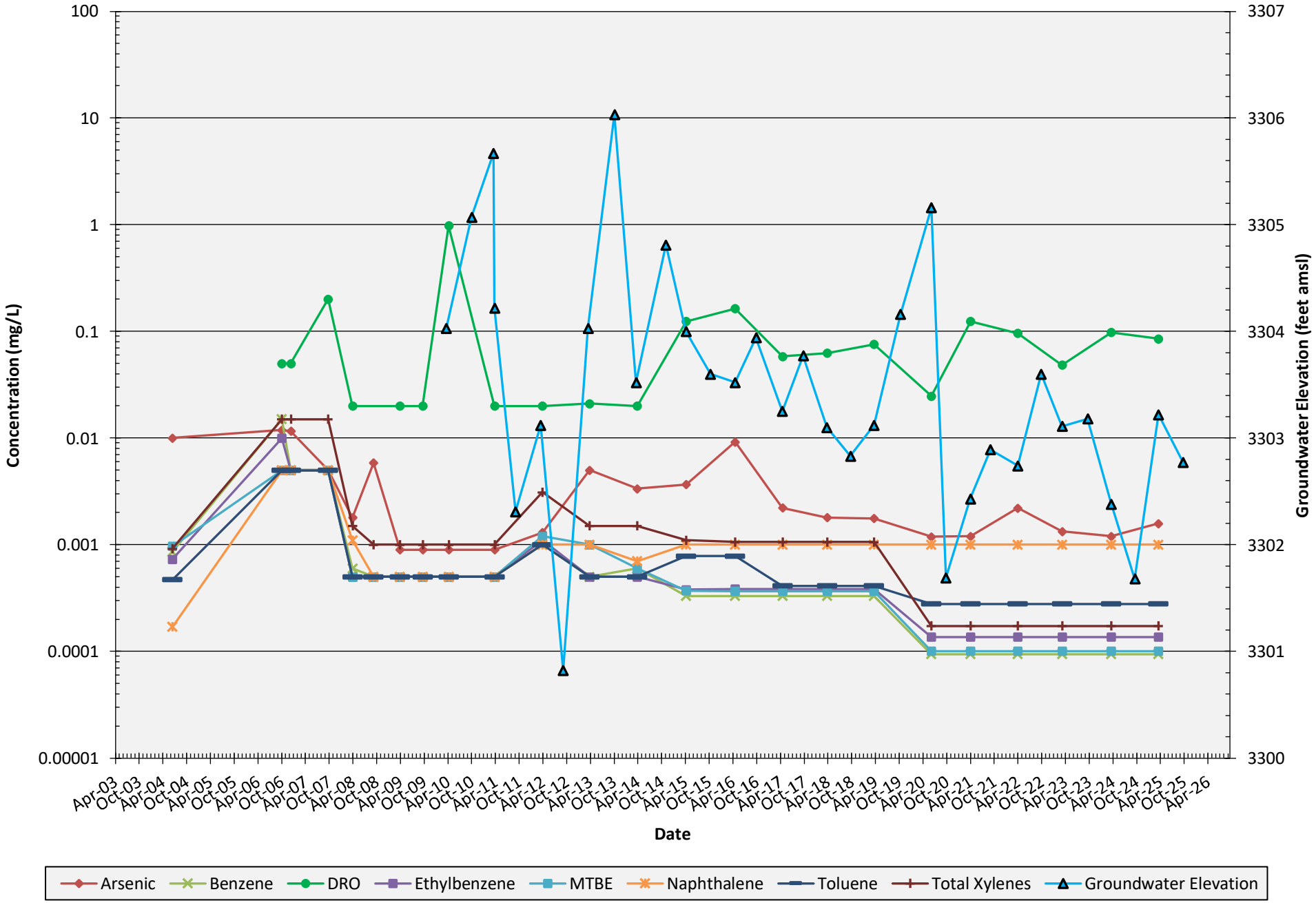
Received by OCD: 6/15/2026 7:23:14 PM

MW-1R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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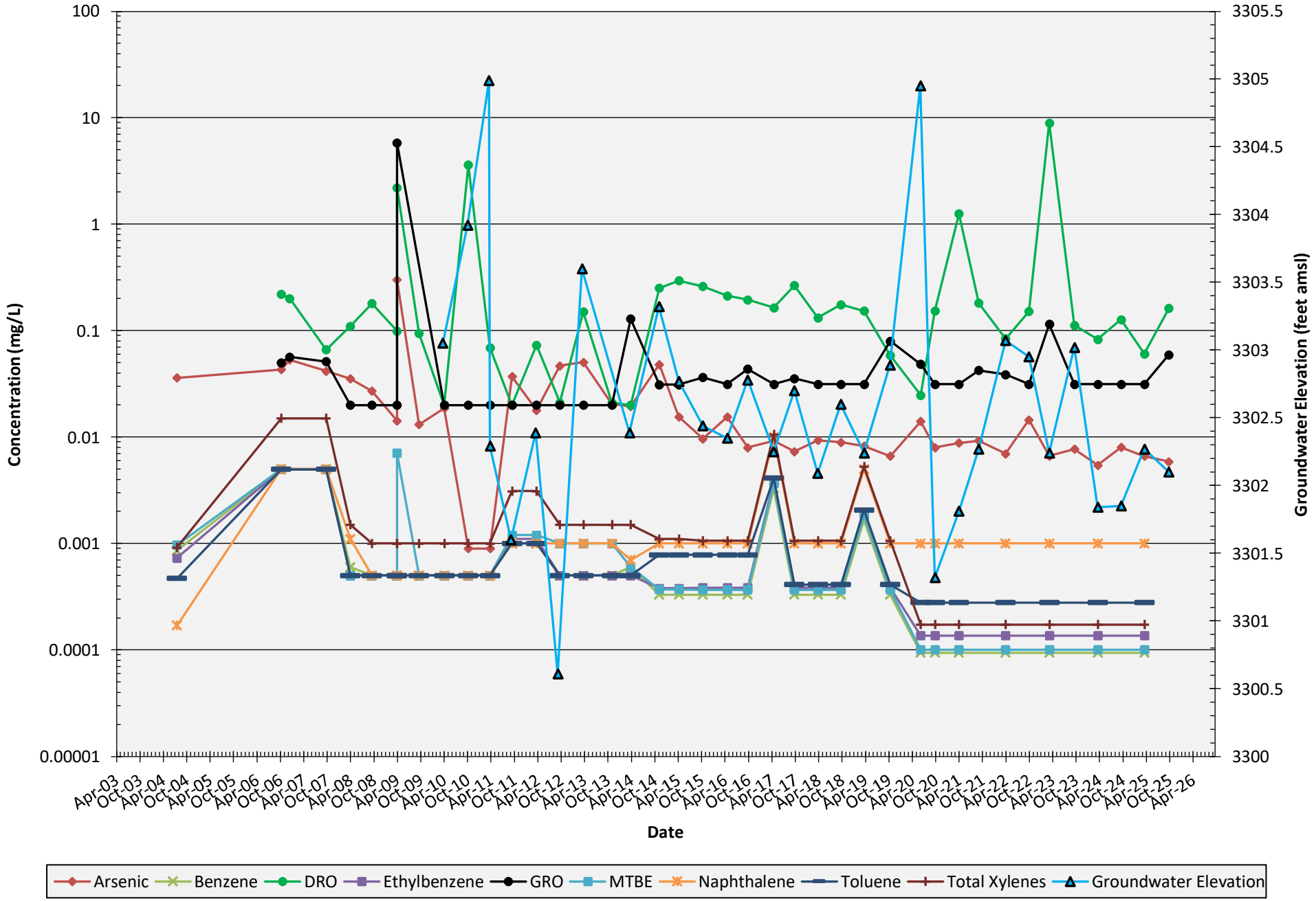
Received by OCD: 6/15/2026 7:23:14 PM

MW-2A: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

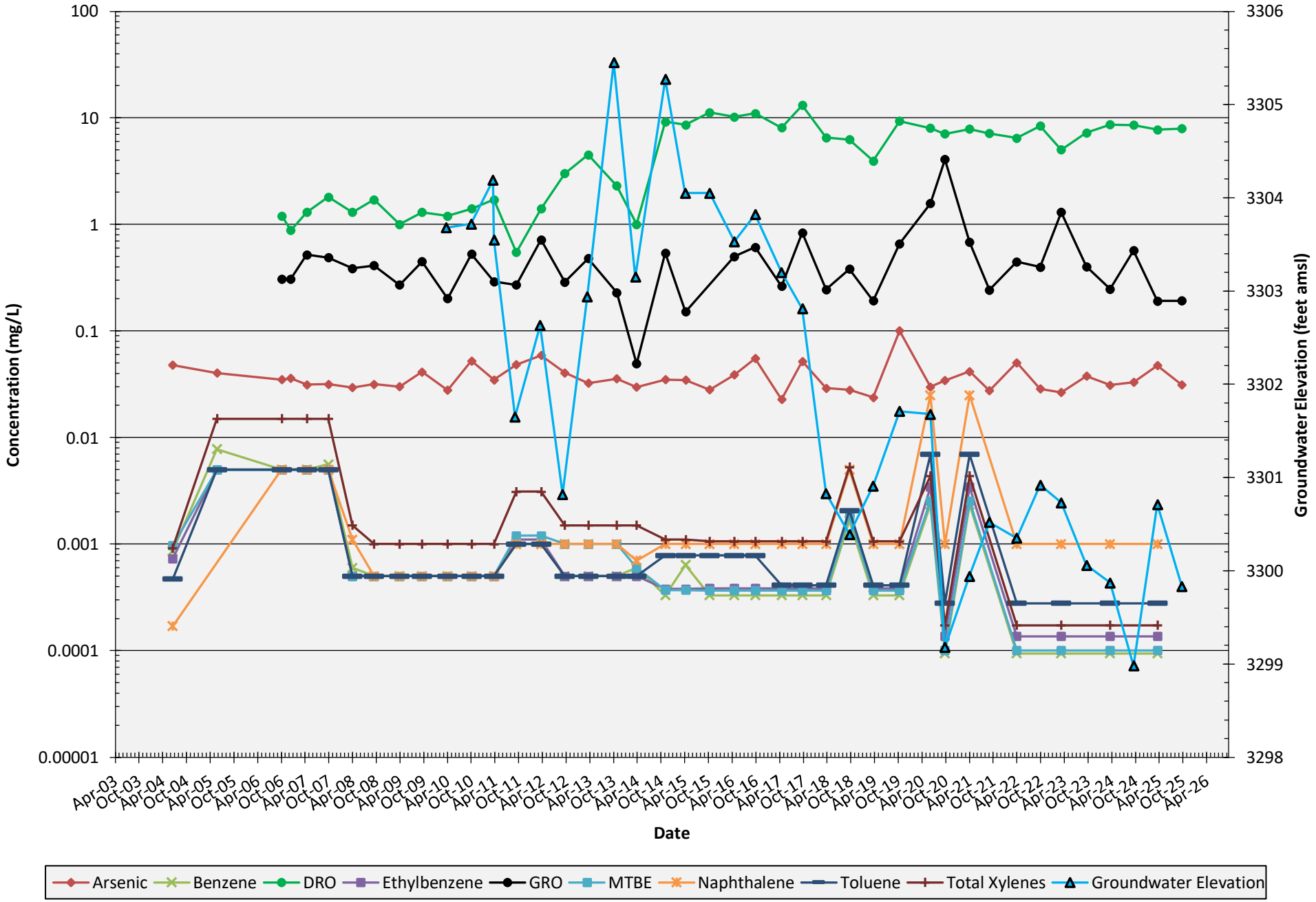


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-3: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

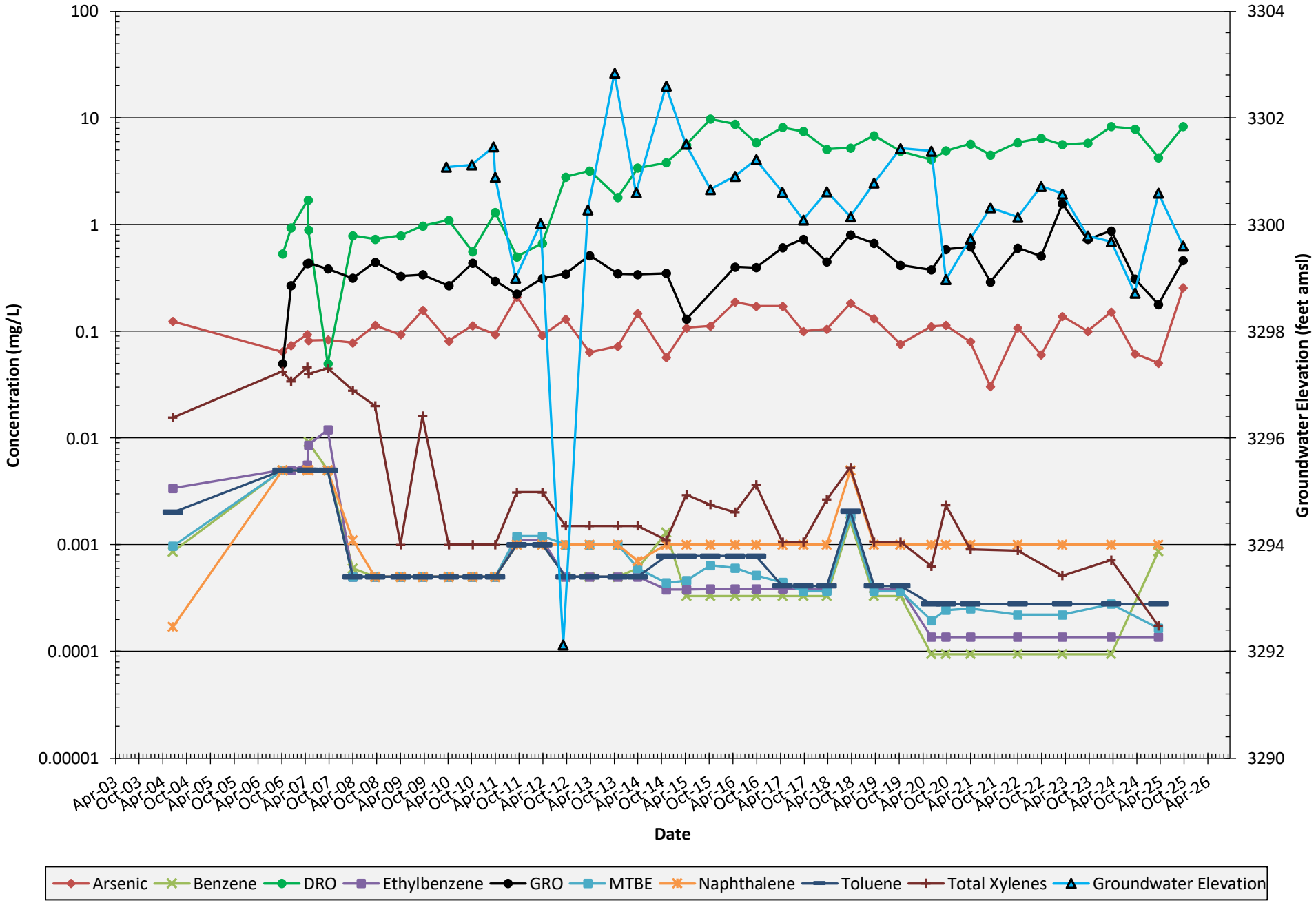


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-4A: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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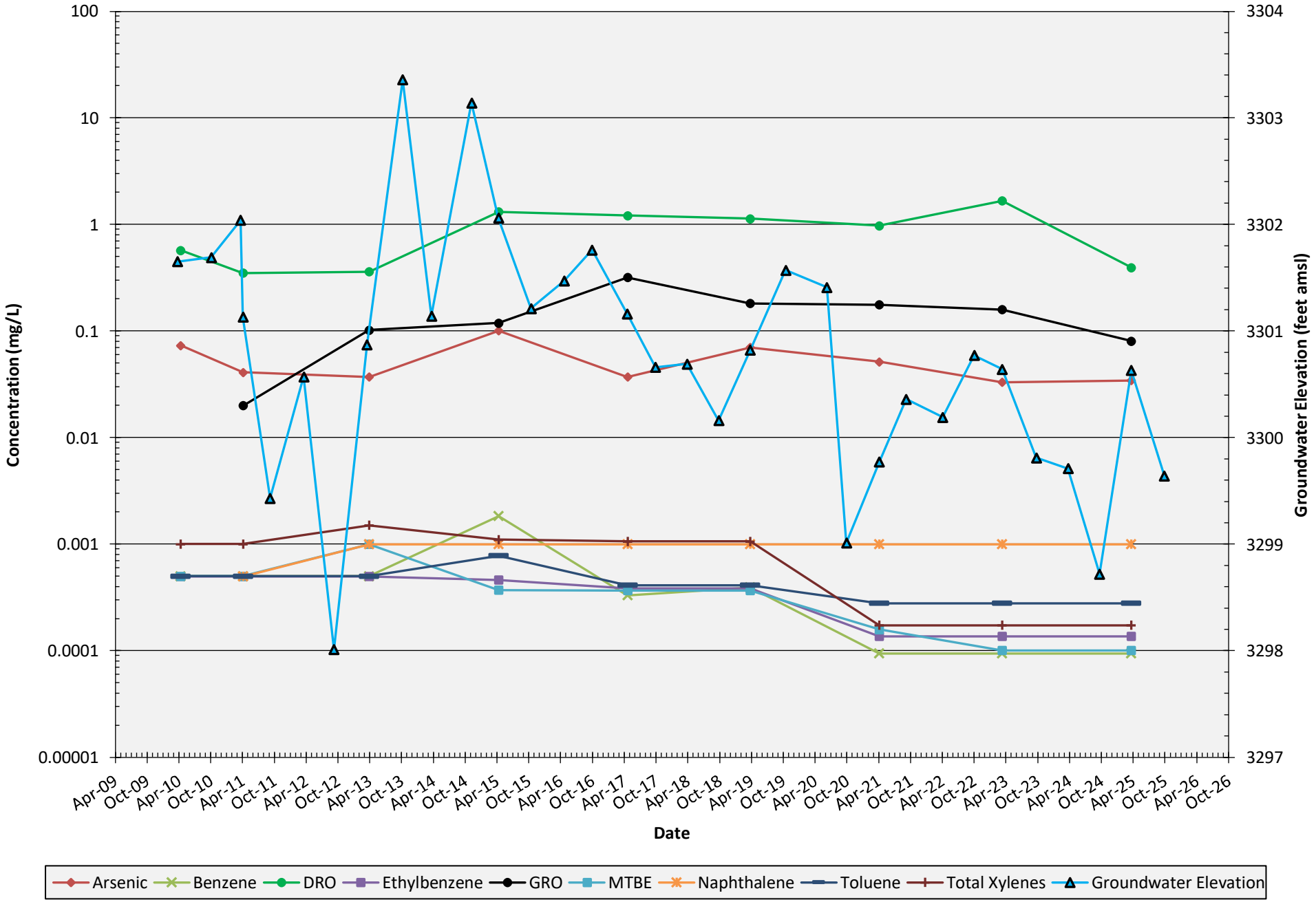
Received by OCD: 6/15/2026 7:23:14 PM

MW-4B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

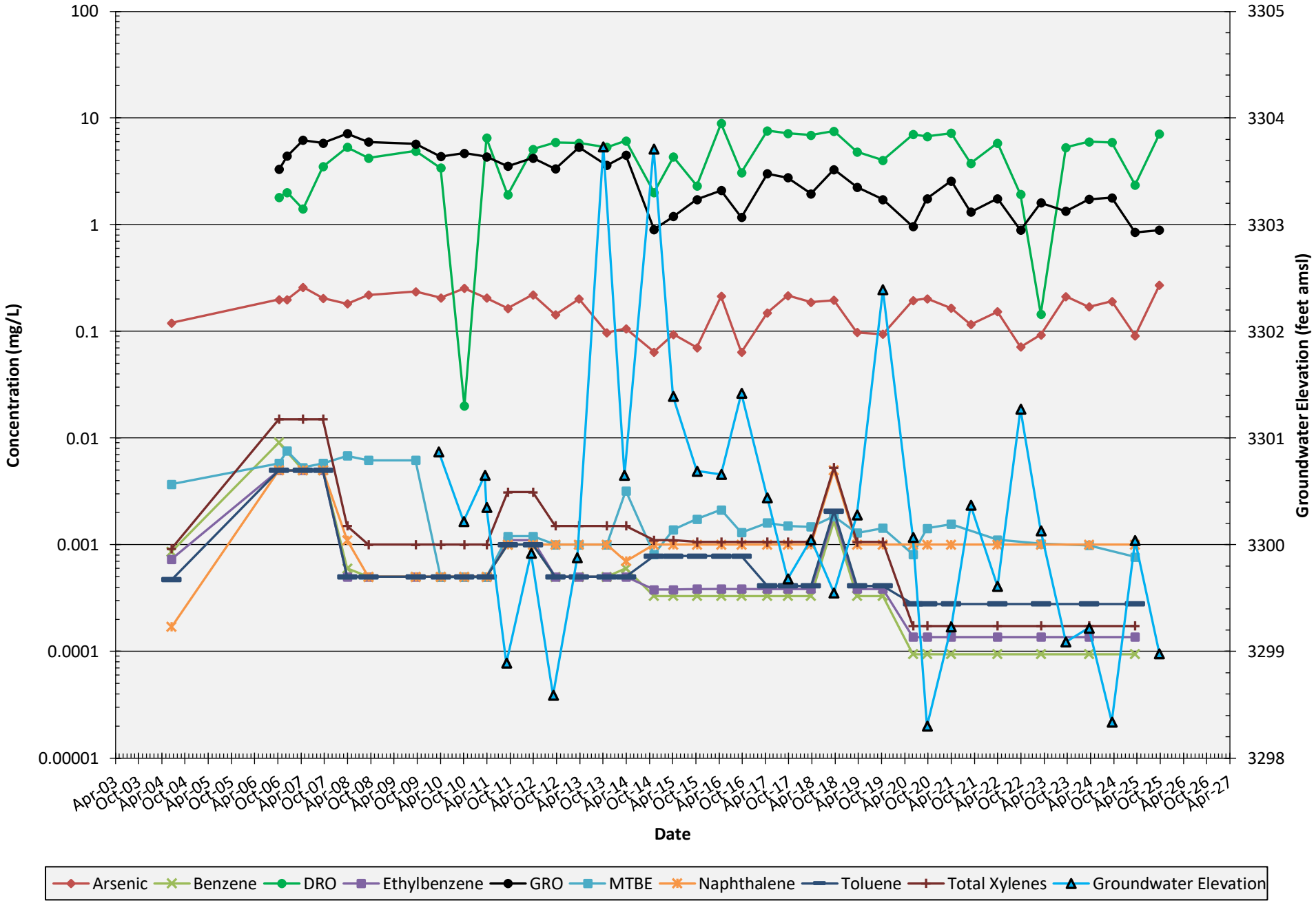


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-5A: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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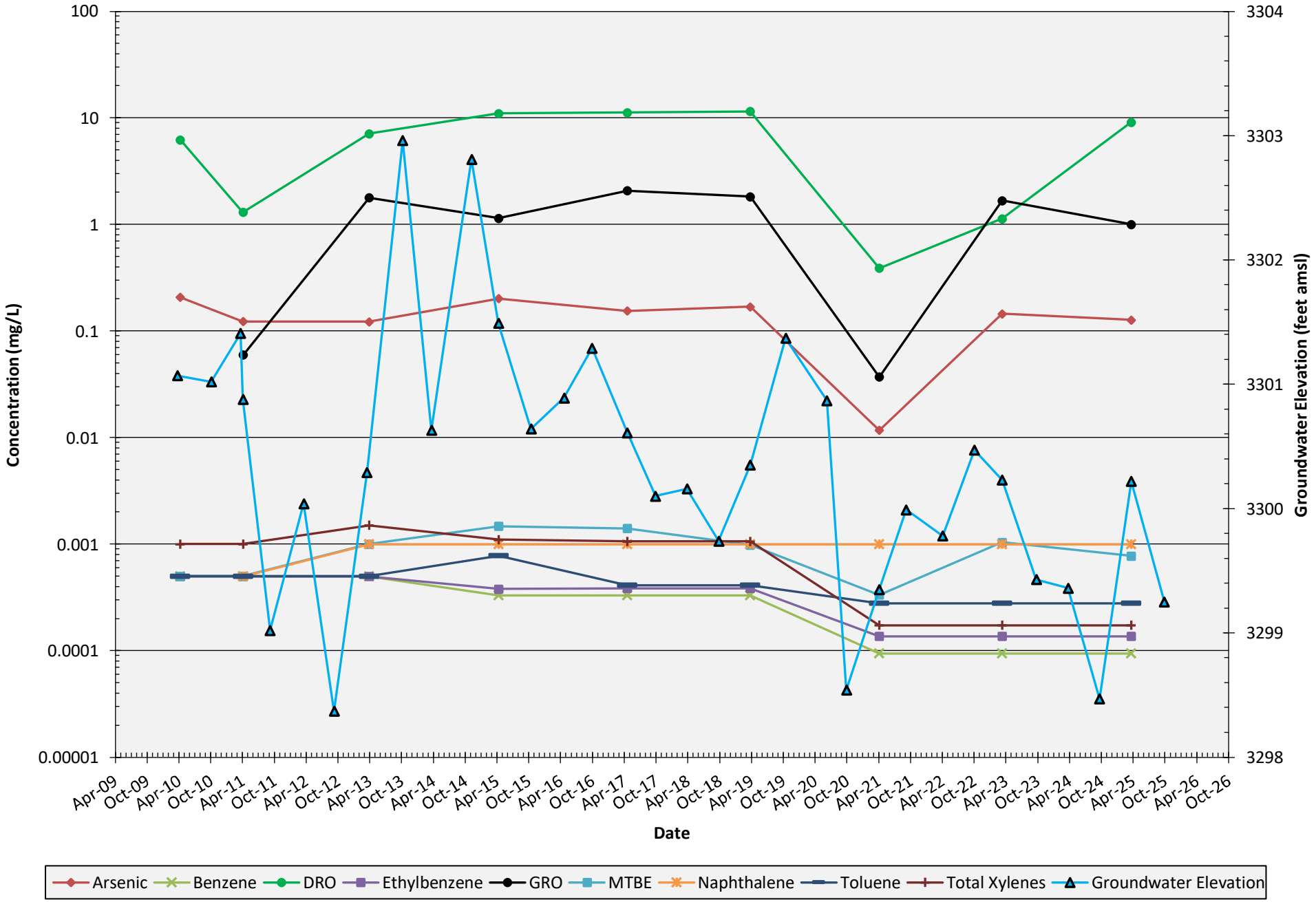
Received by OCD: 6/15/2026 7:23:14 PM

MW-5B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

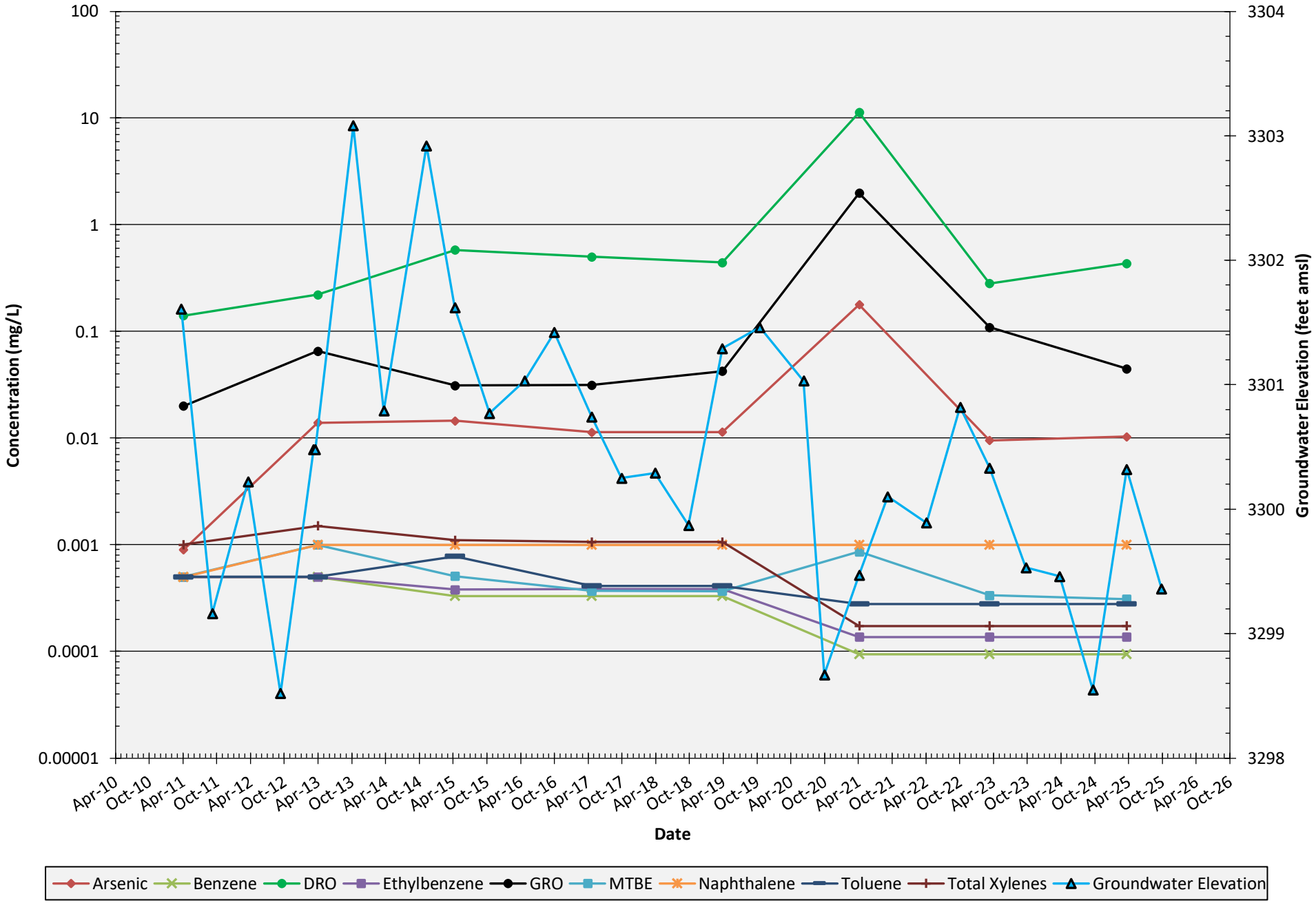


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-5C: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

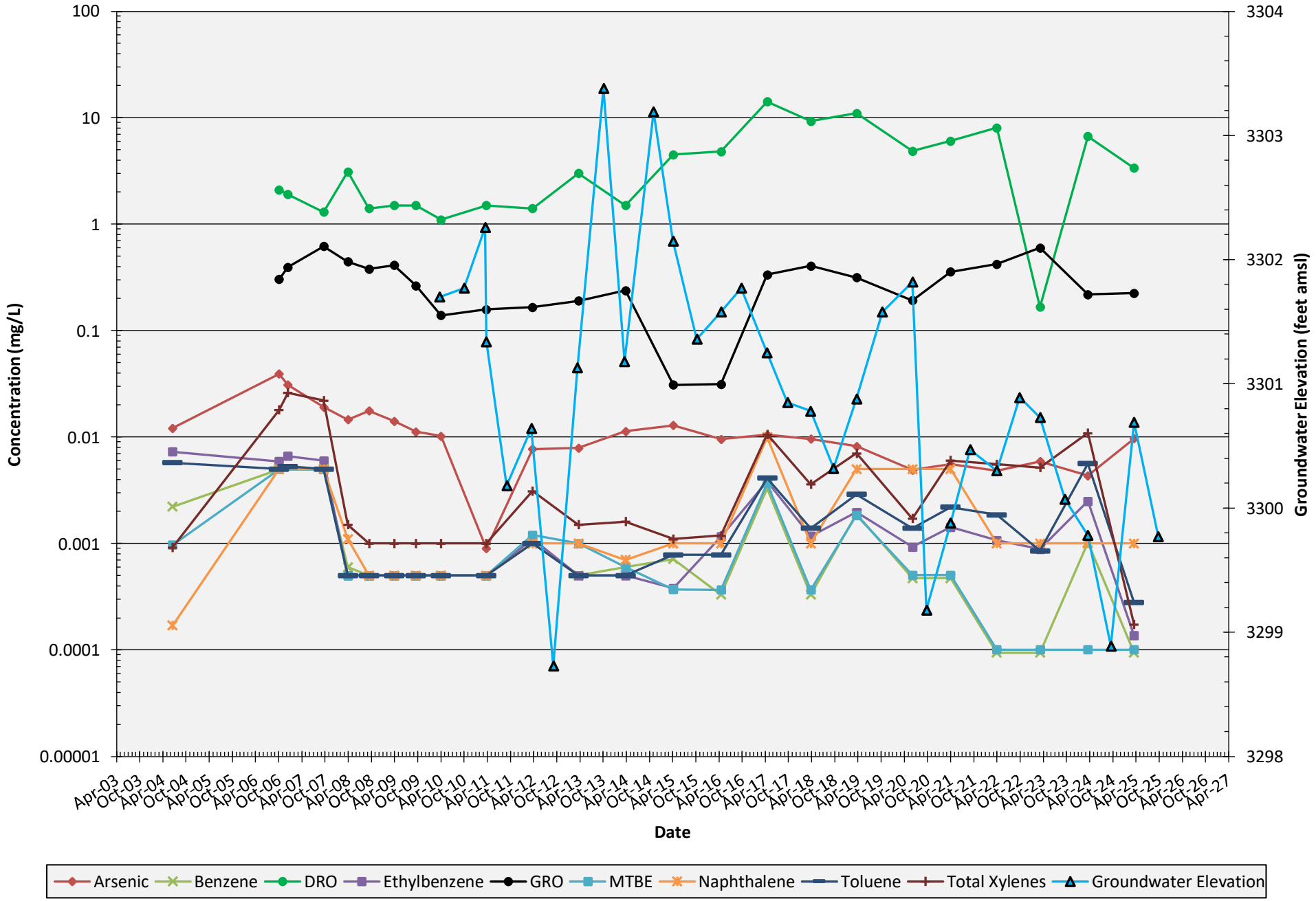


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-6A: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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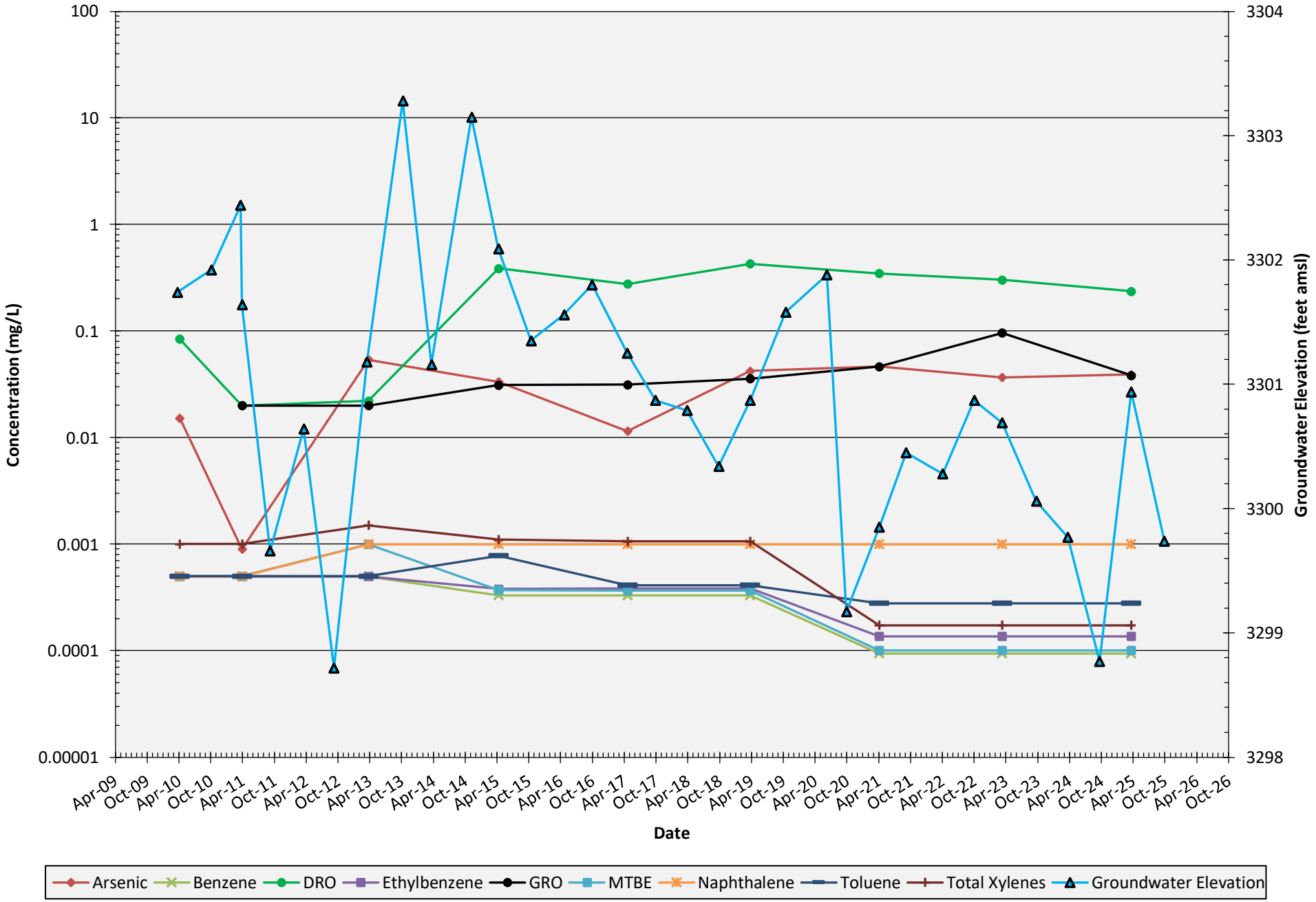
Received by OCD: 6/15/2026 7:23:14 PM

MW-6B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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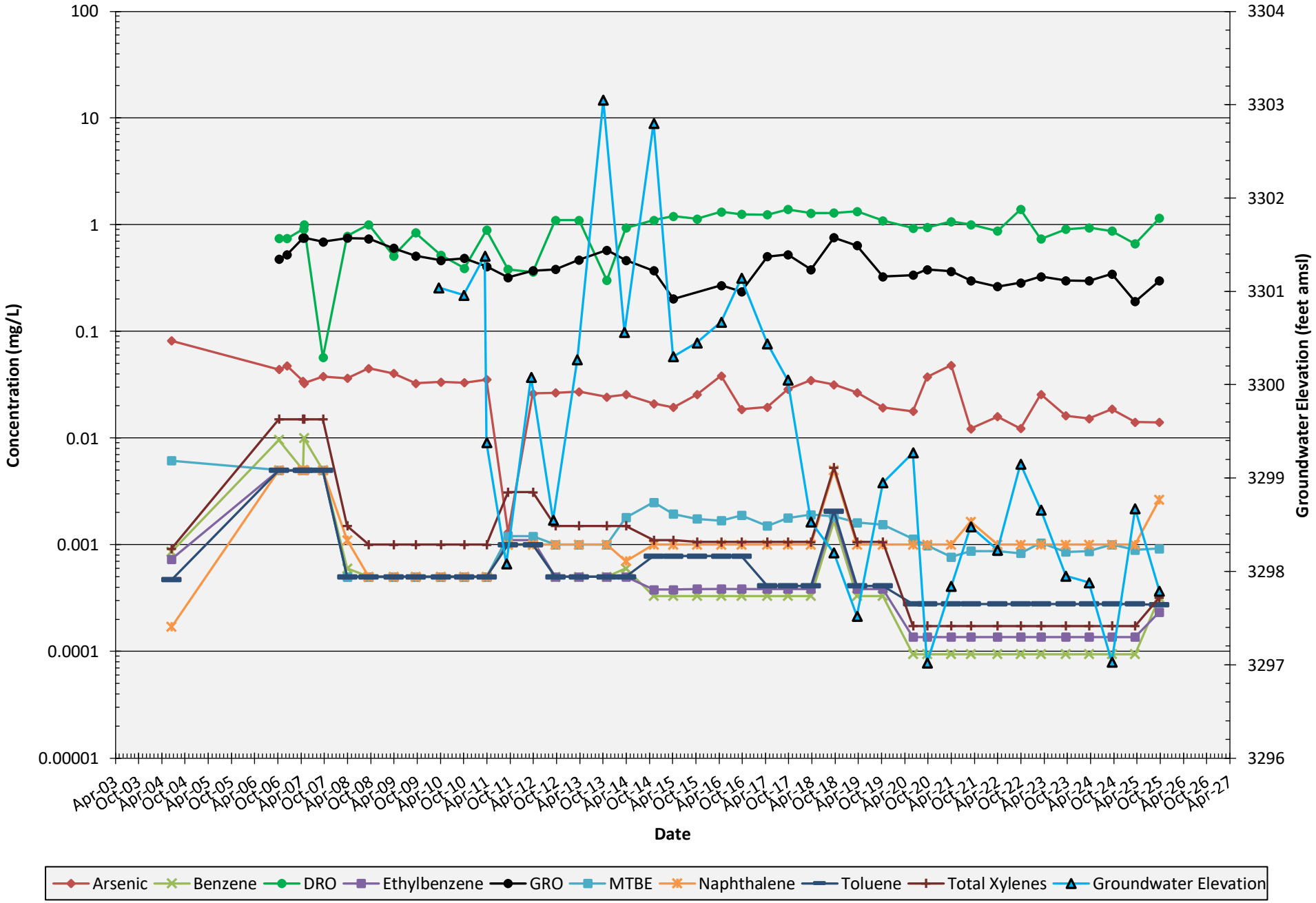
Received by OCD: 6/15/2026 7:23:14 PM

MW-7A: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



Released to Imaging: 6/26/2026 3:07:01 PM
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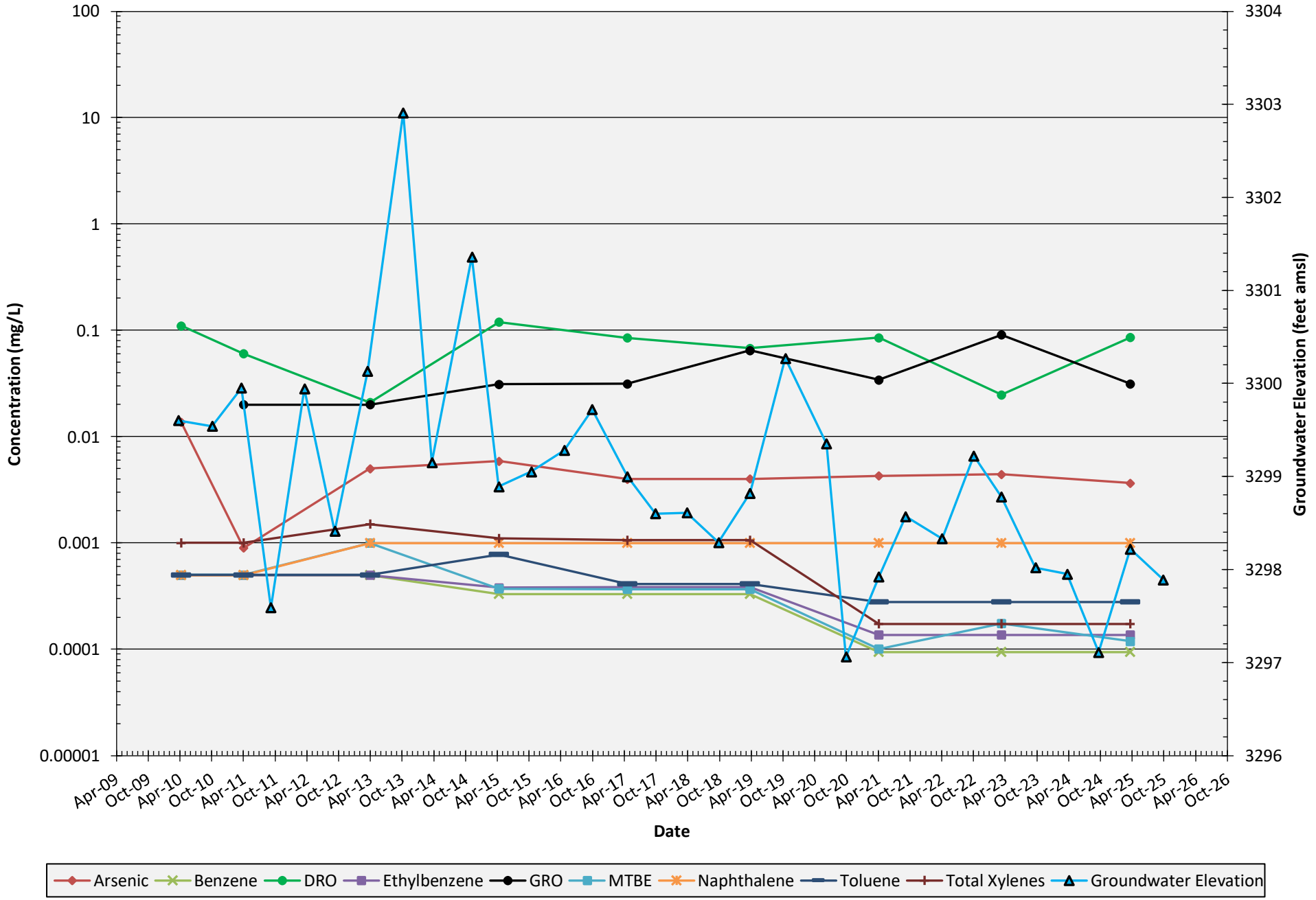
MW-7B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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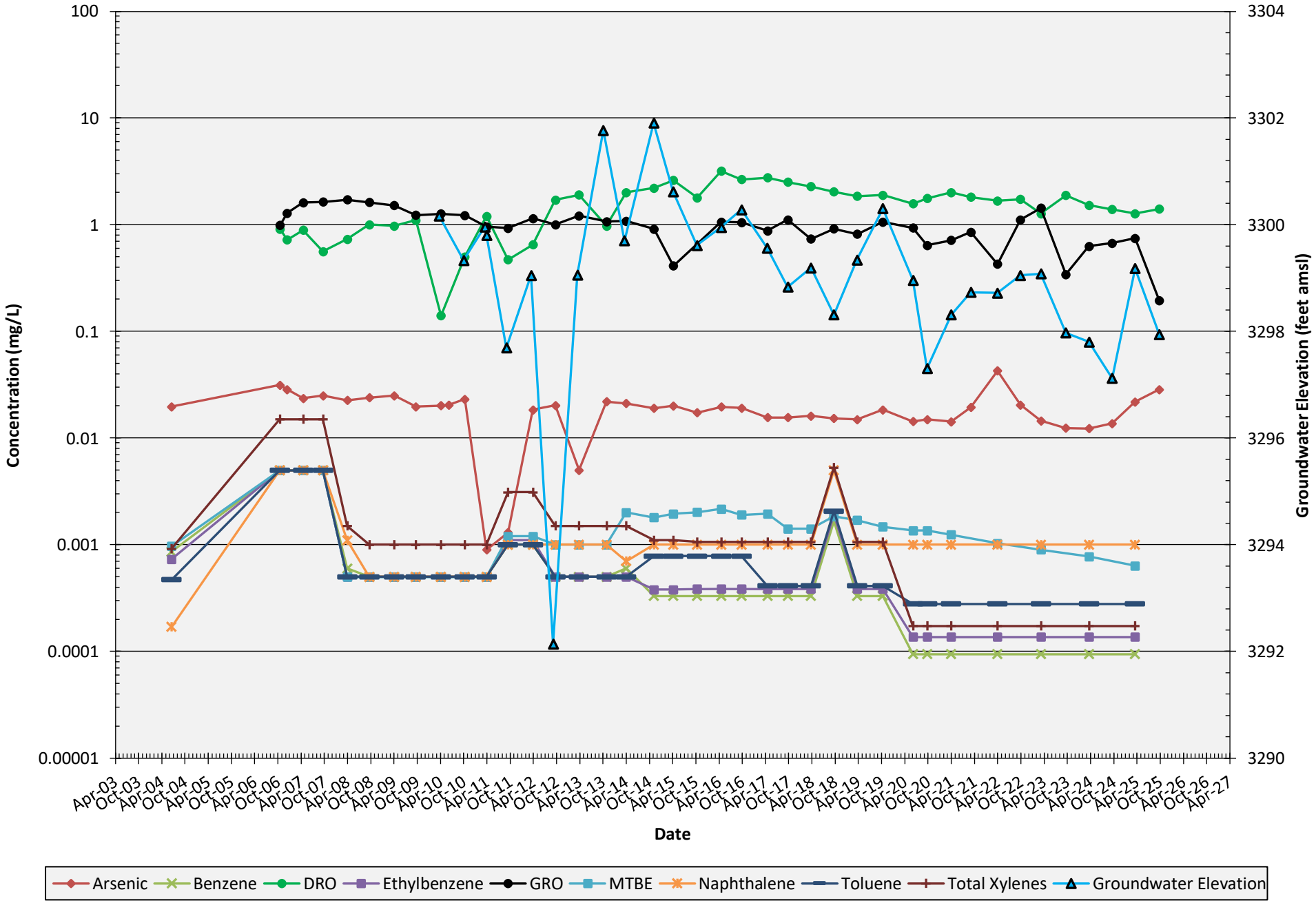
Received by OCD: 6/15/2026 7:23:14 PM

MW-10: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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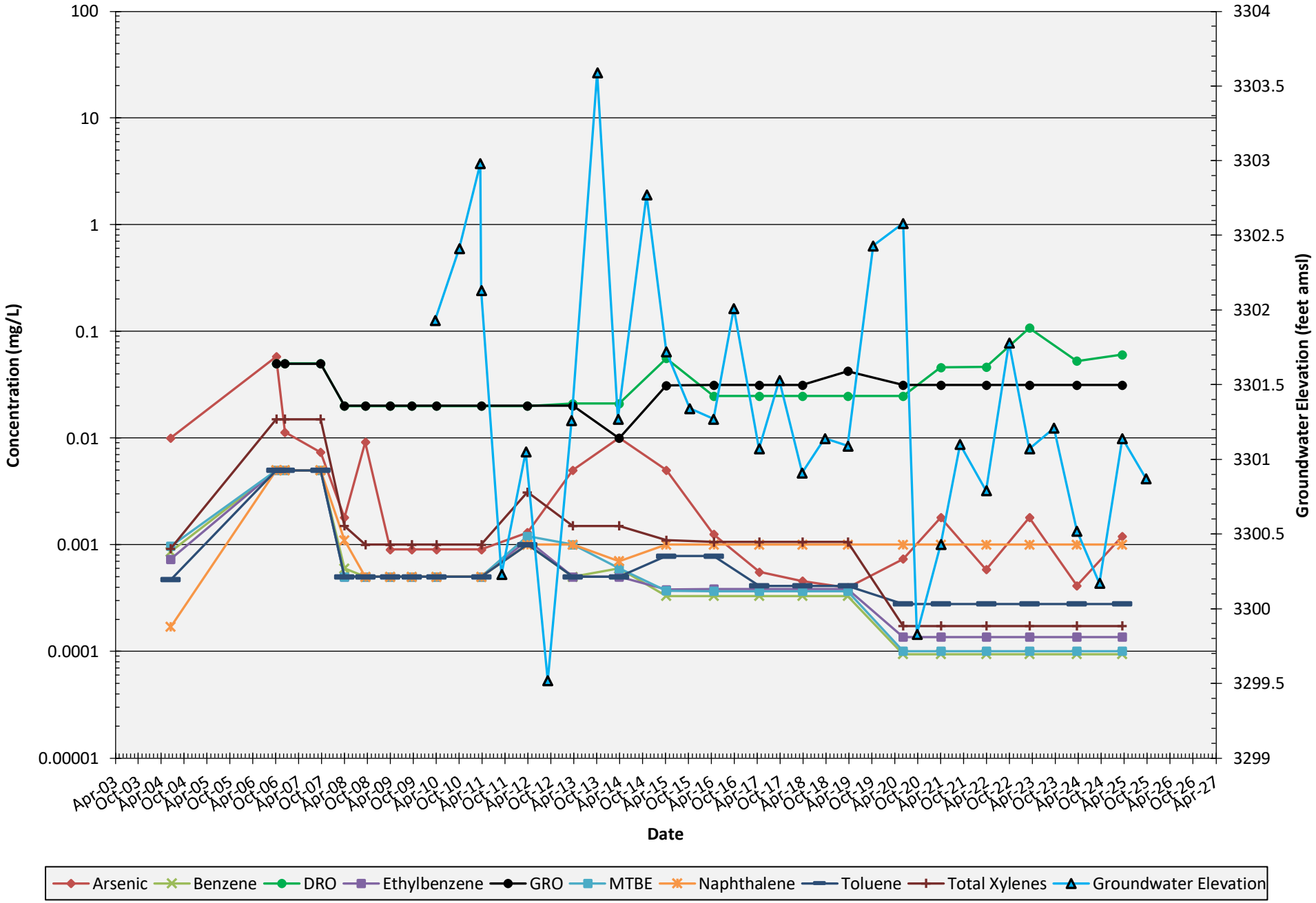
Received by OCD: 6/15/2026 7:23:14 PM

MW-11A: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

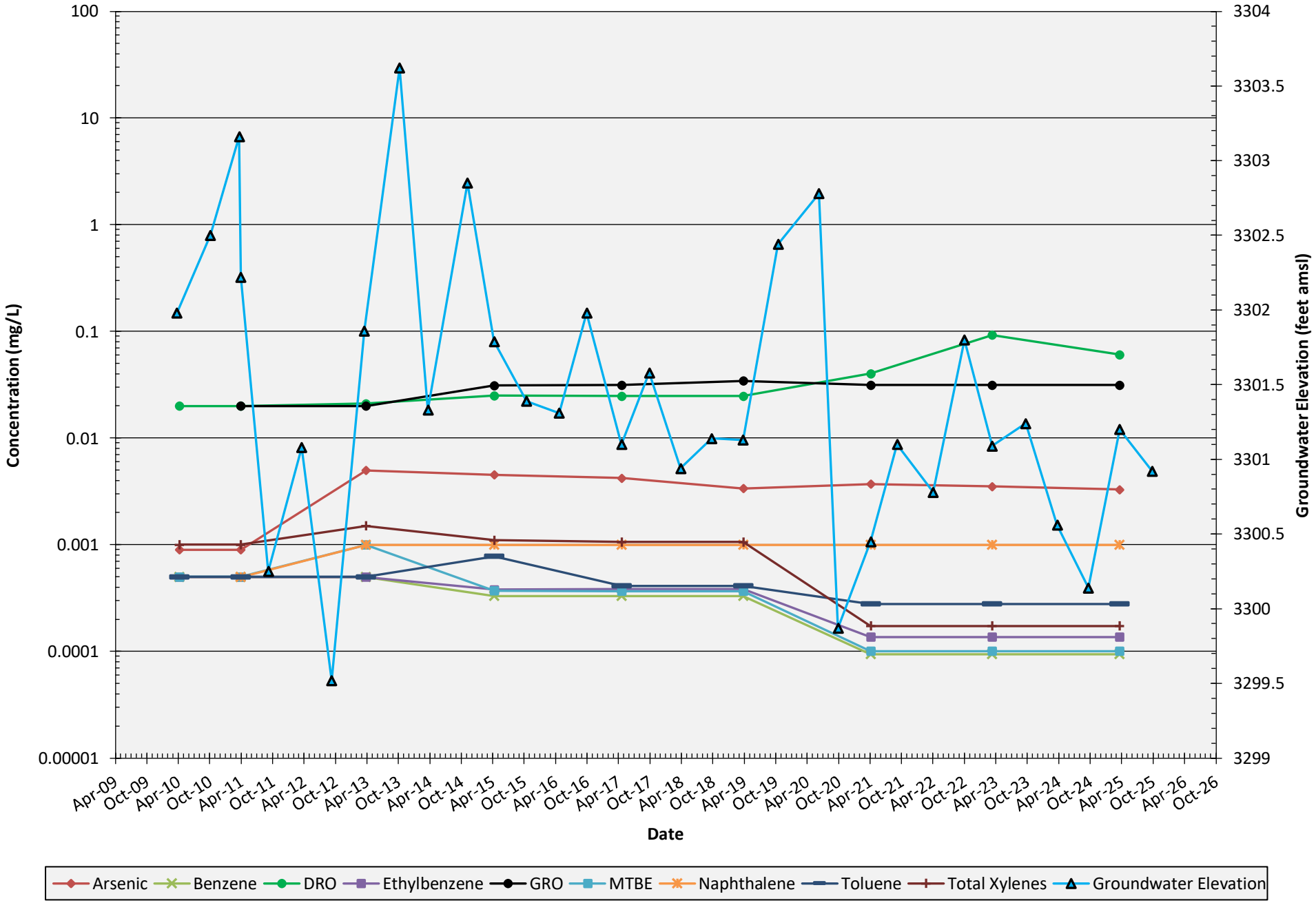


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-11B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

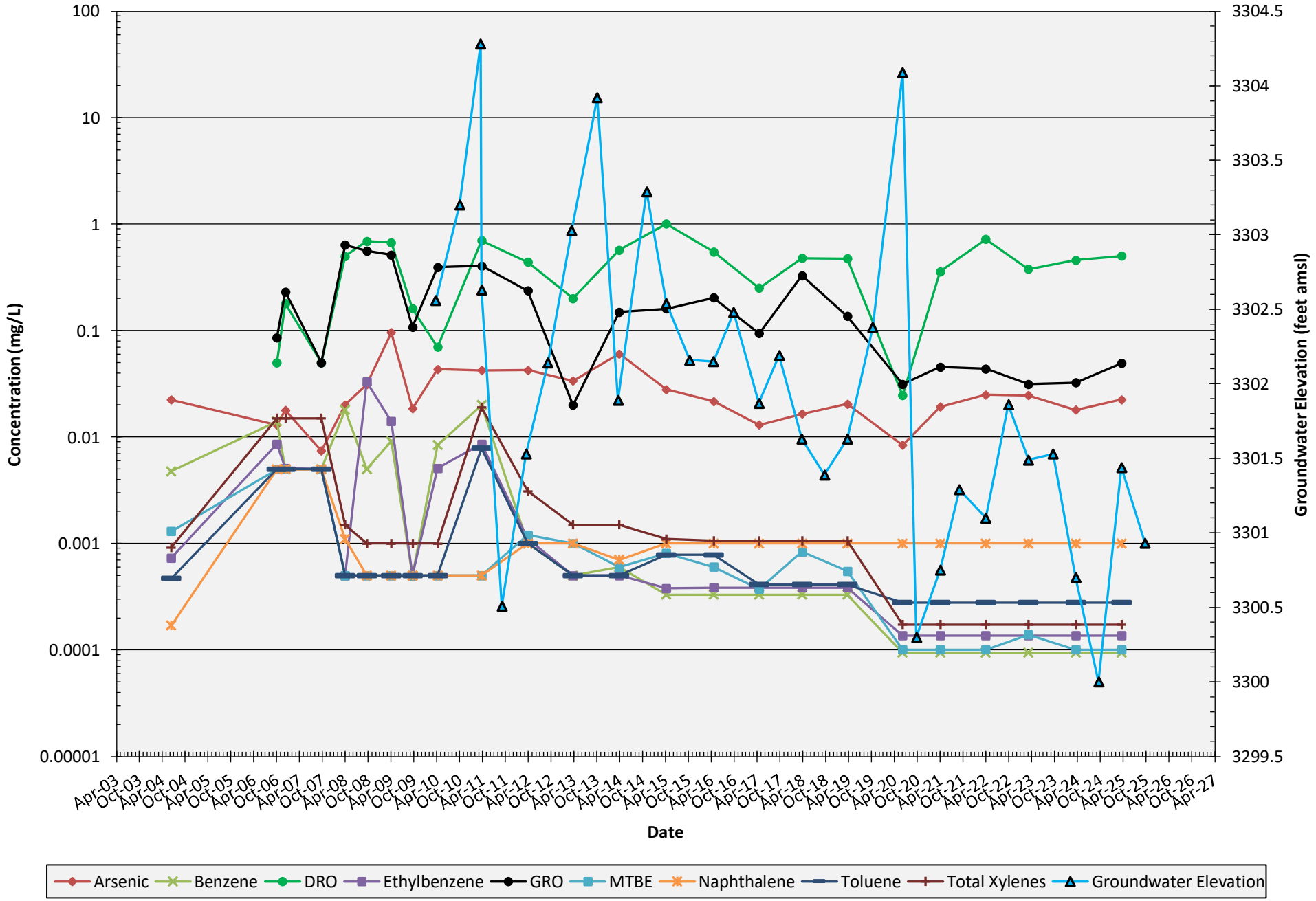


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-15: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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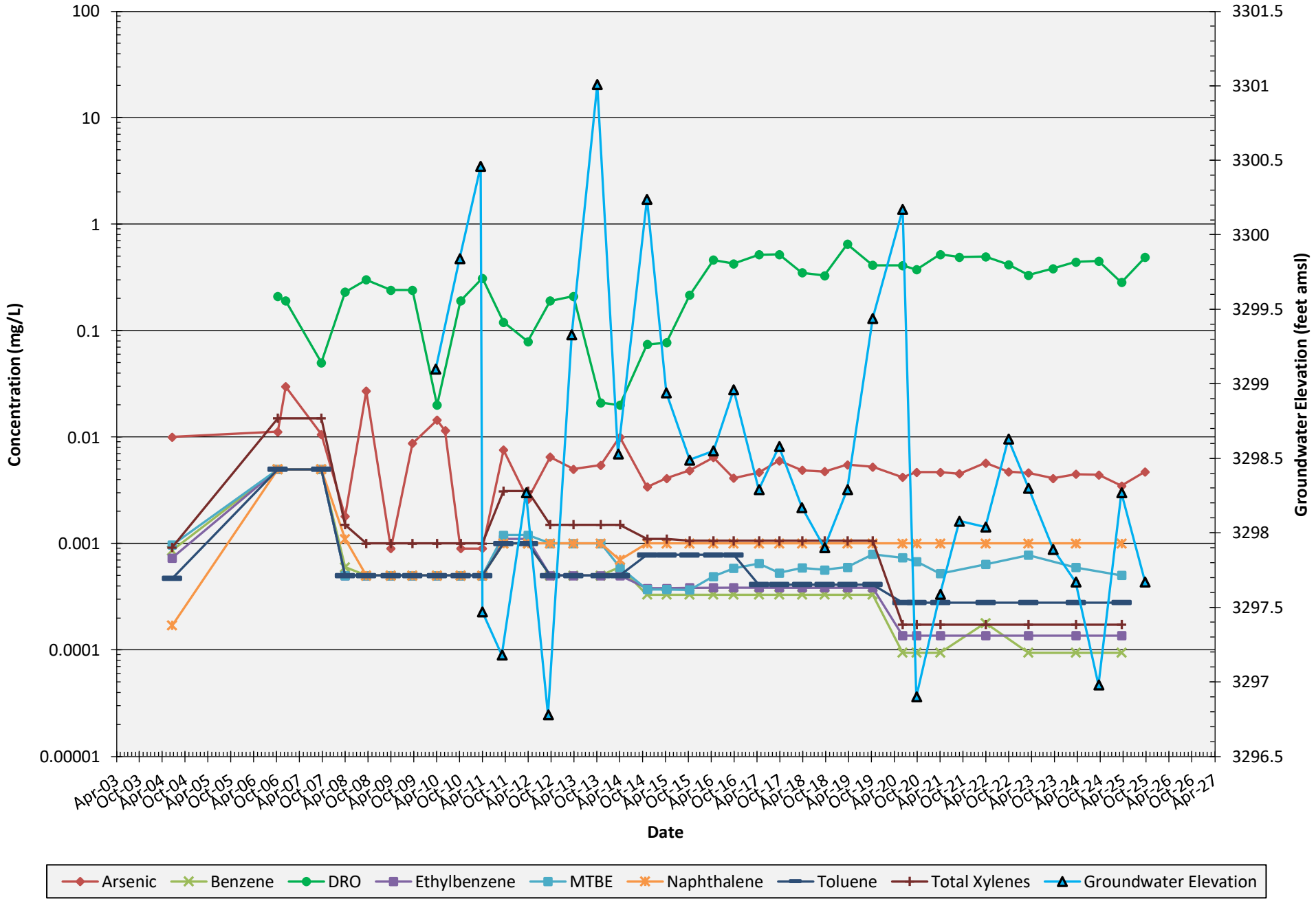
Received by OCD: 6/15/2026 7:23:14 PM

MW-18A: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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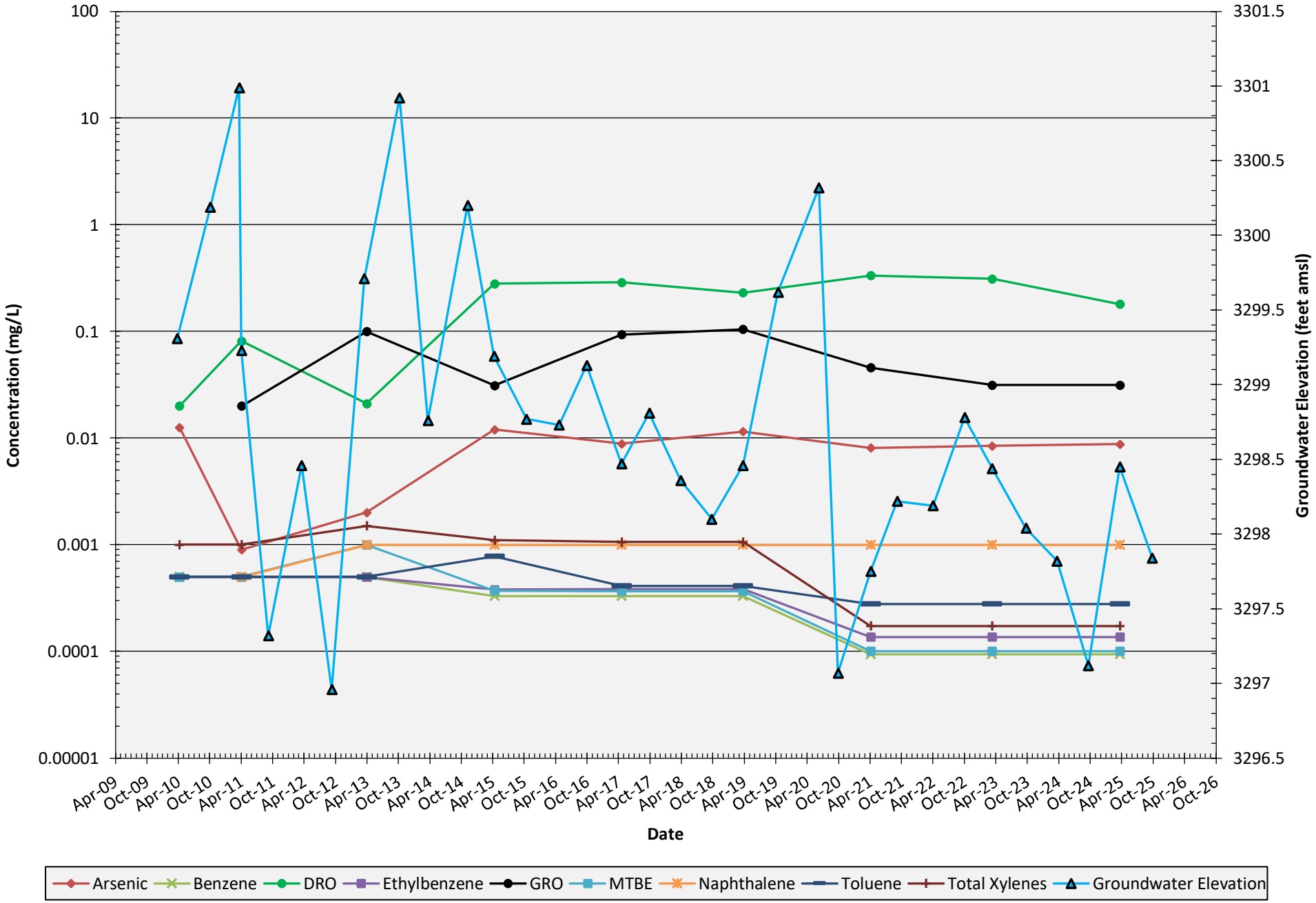
Received by OCD: 6/15/2026 7:23:14 PM

MW-18B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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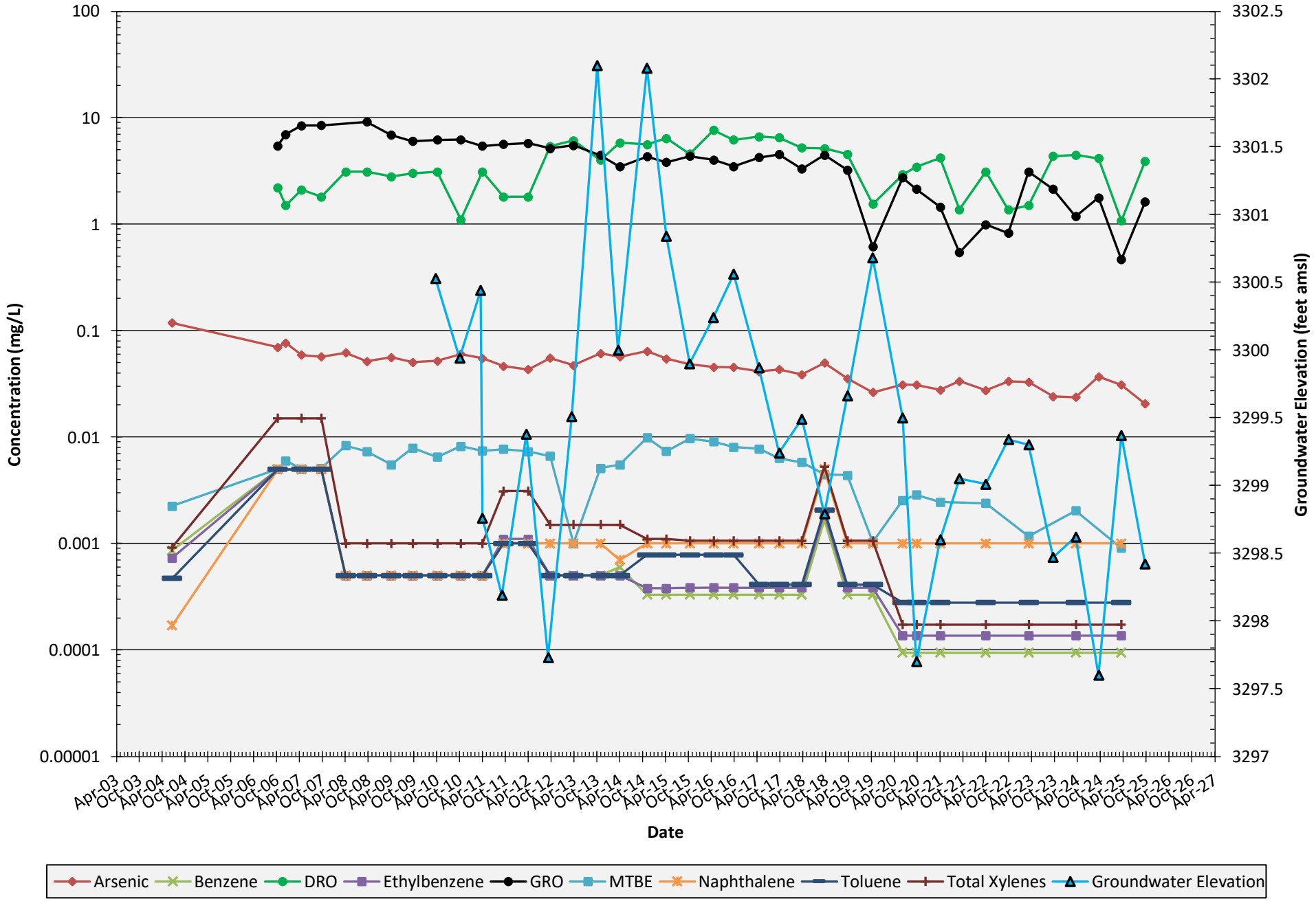
Received by OCD: 6/15/2026 7:23:14 PM

MW-22A: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

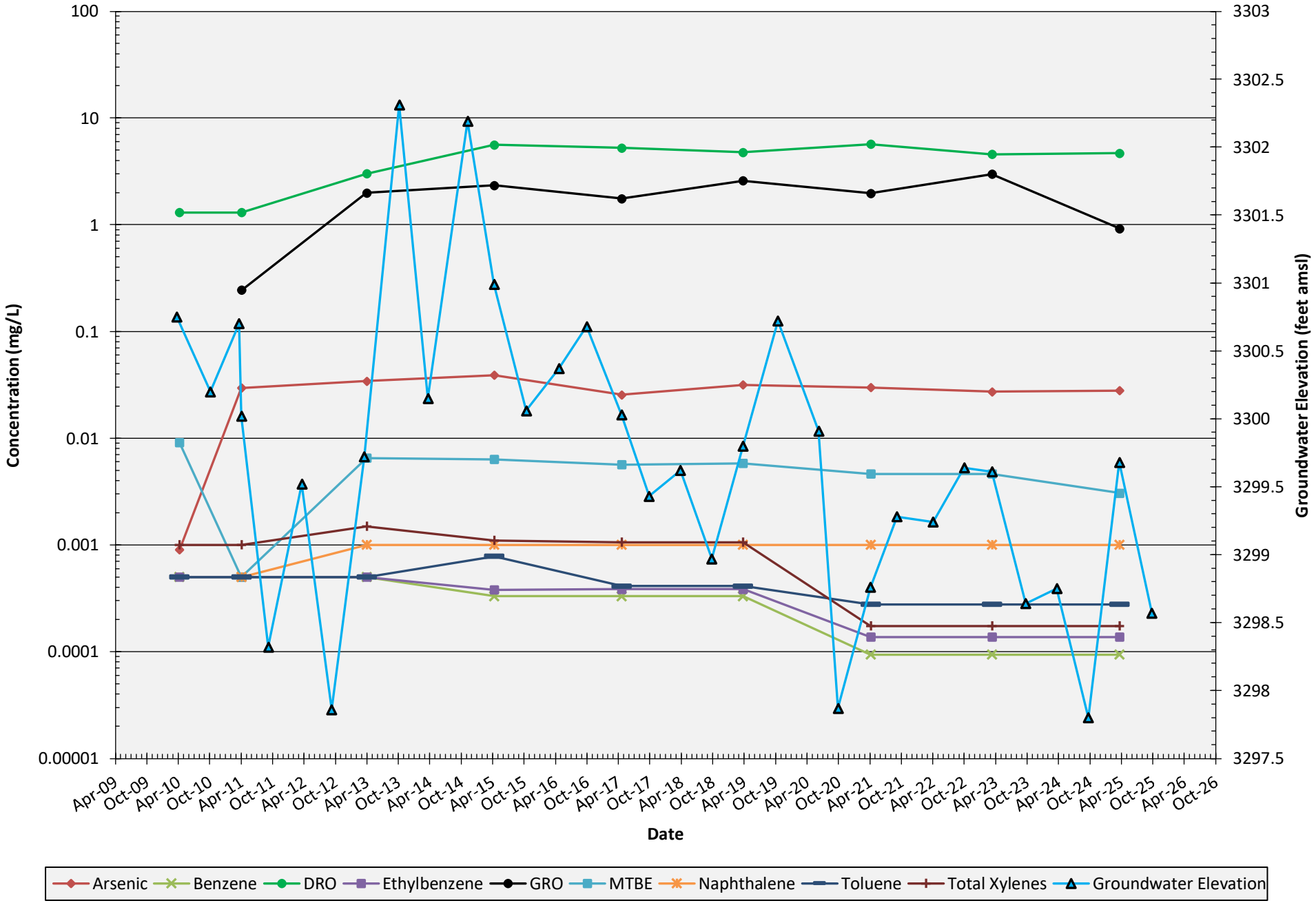


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-22B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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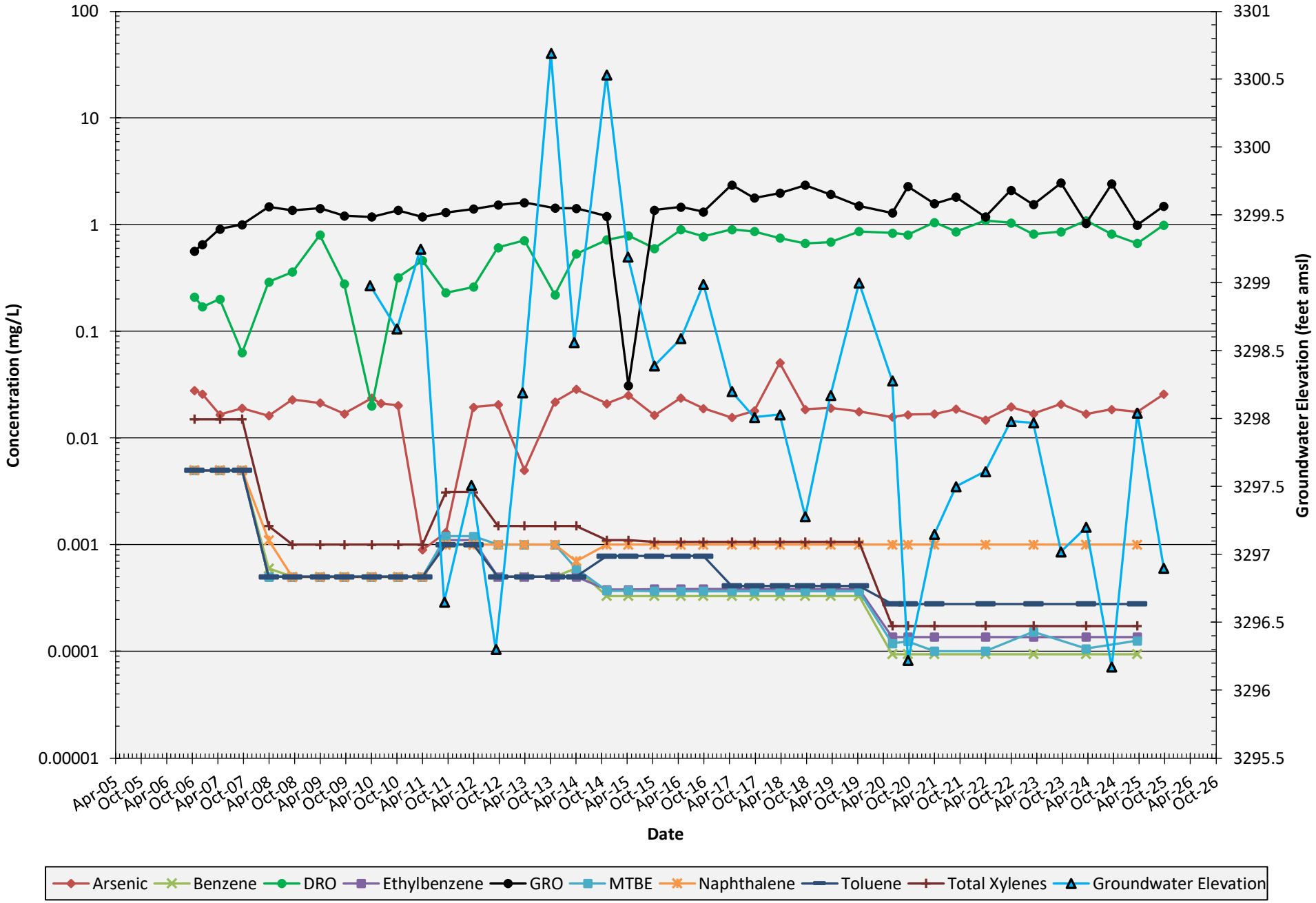
Received by OCD: 6/15/2026 7:23:14 PM

MW-70: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

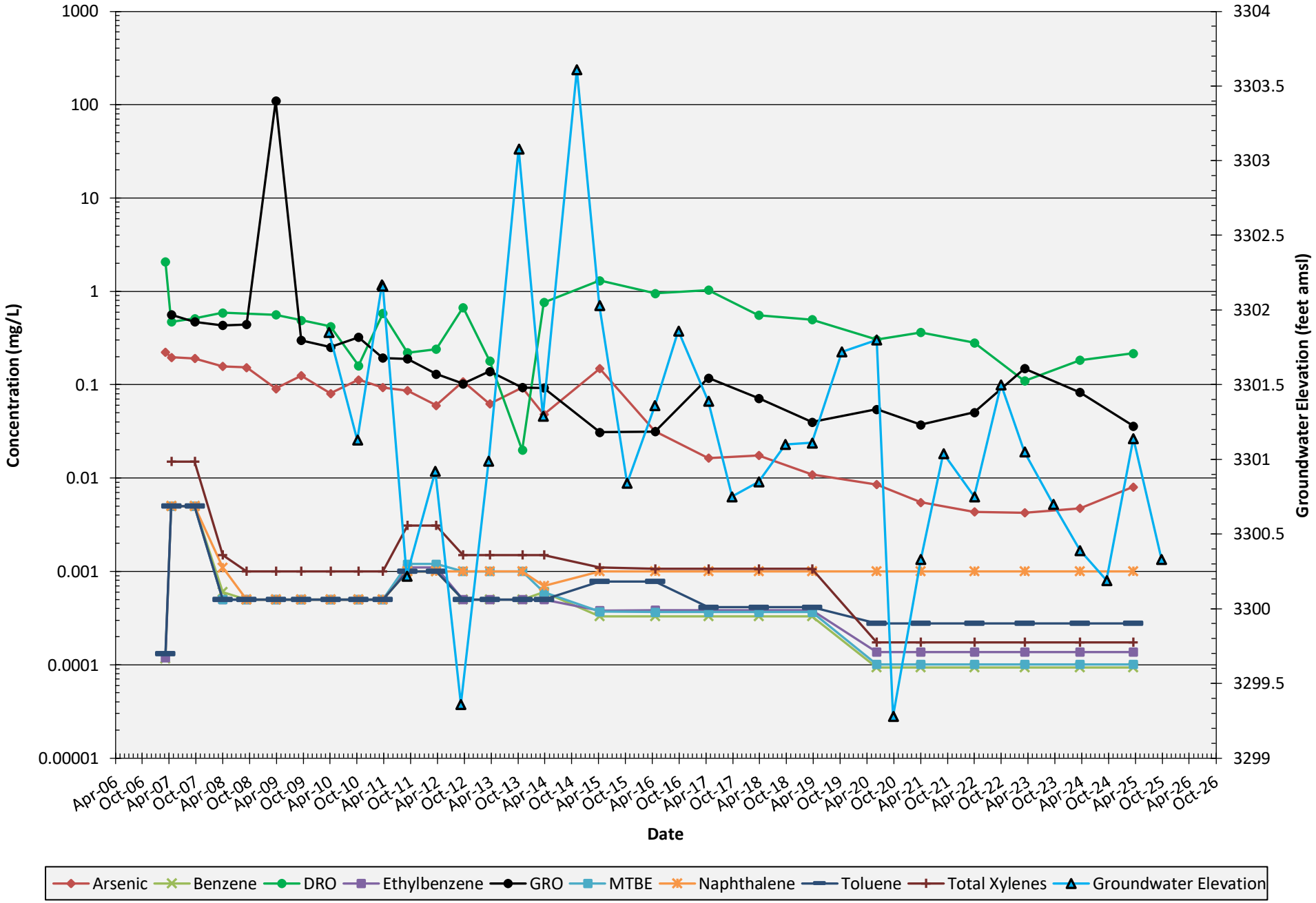


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-72: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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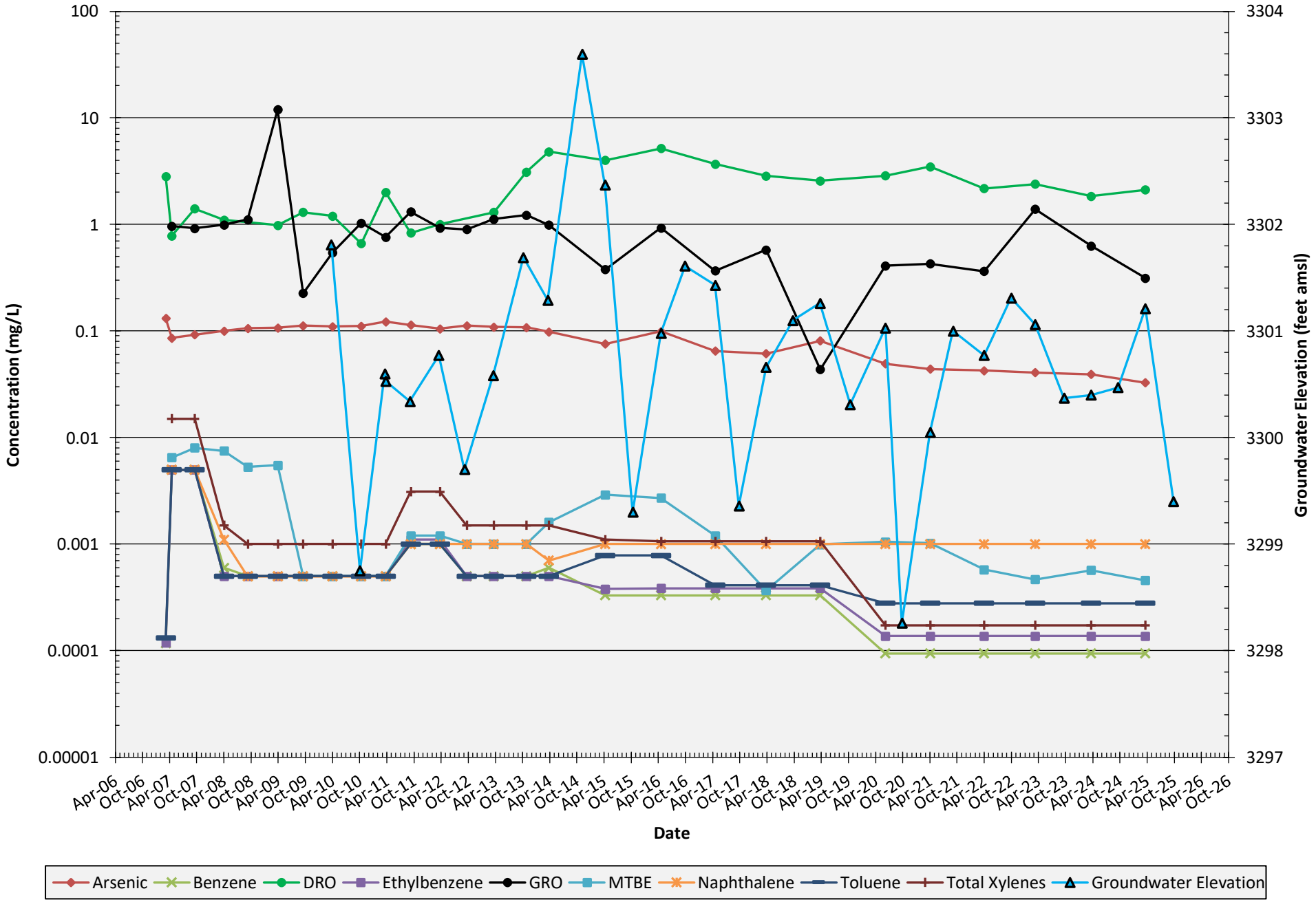
Received by OCD: 6/15/2026 7:23:14 PM

MW-73: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

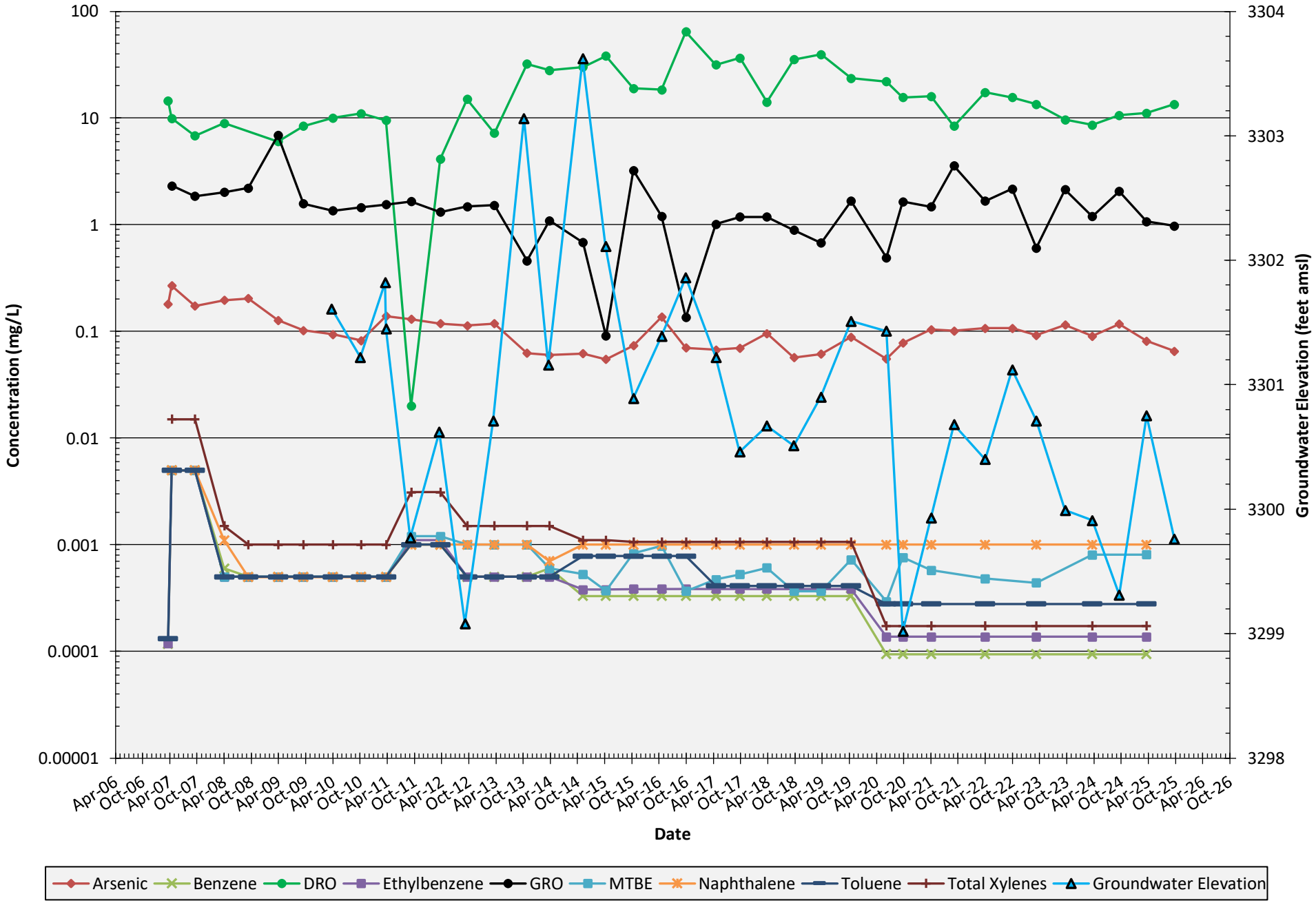


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-74: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

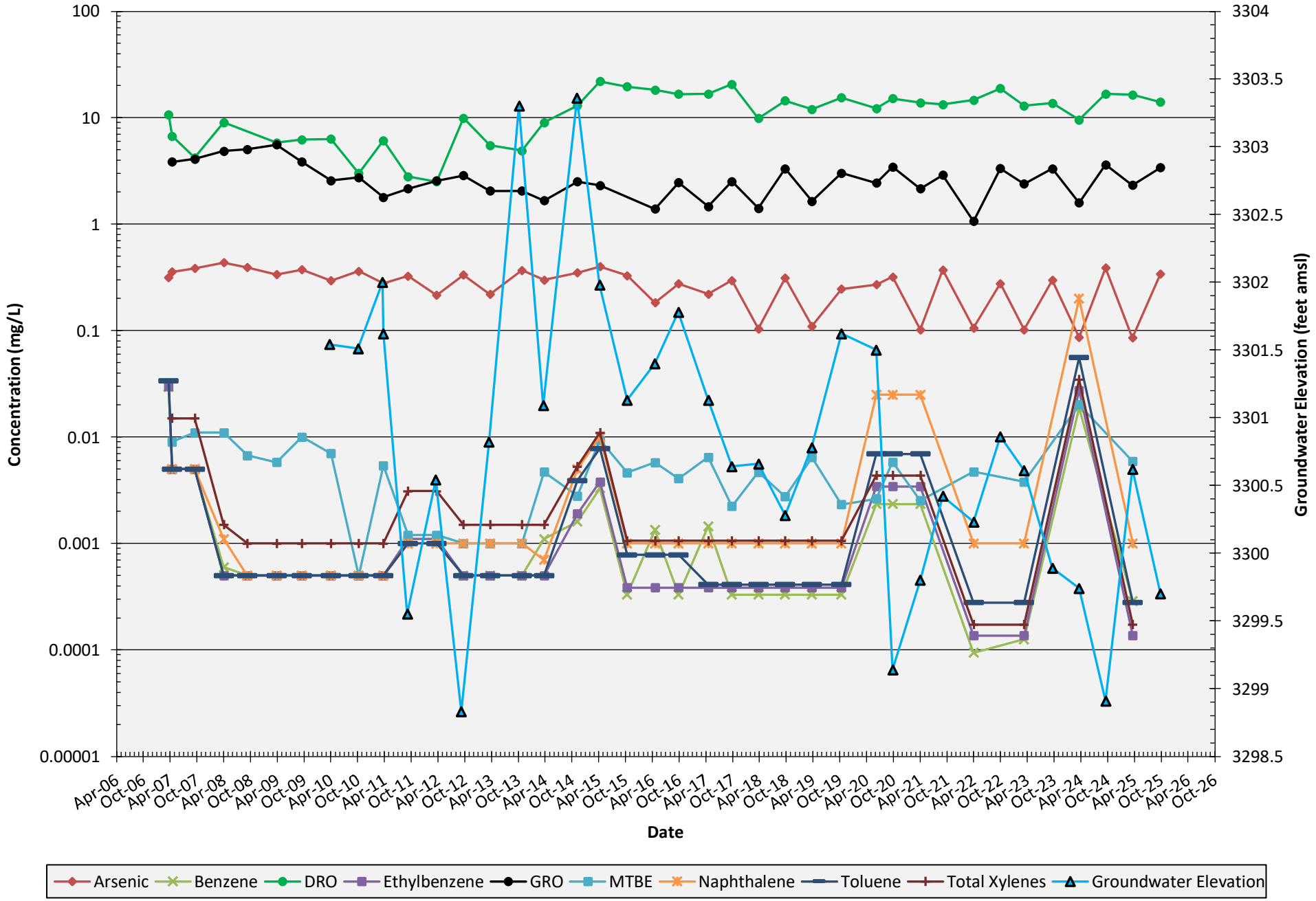


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-75: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

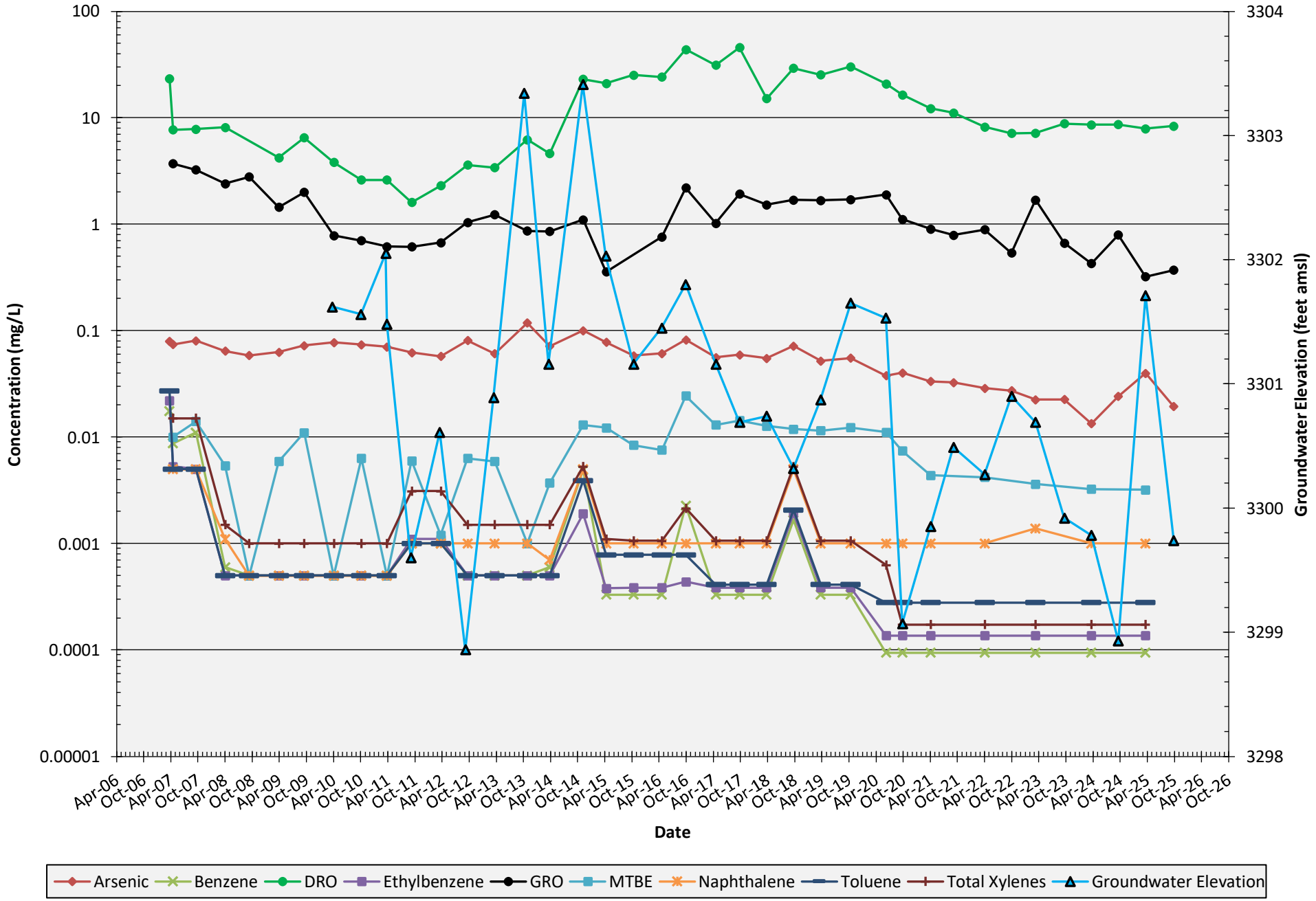


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-76: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

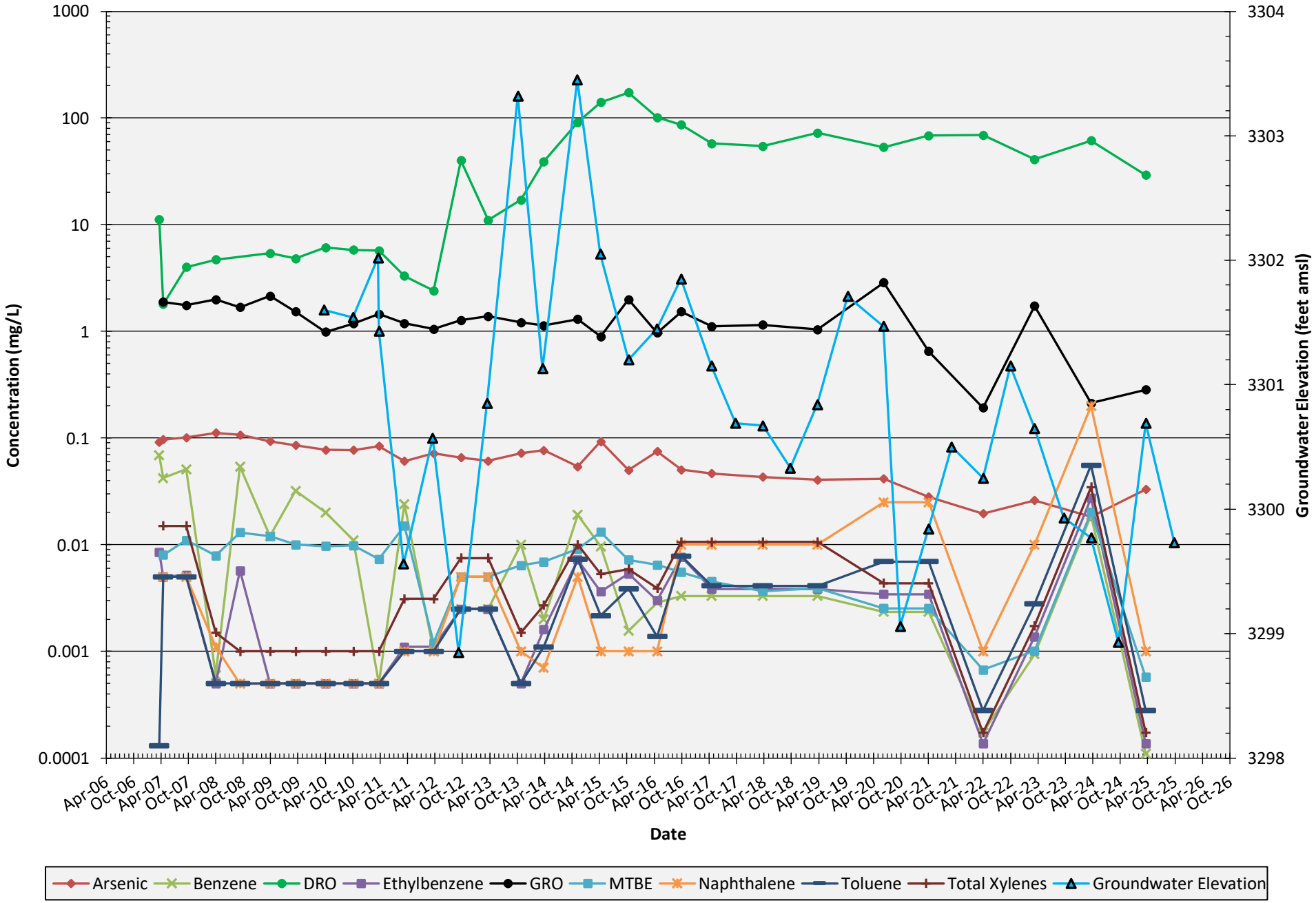


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-77: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

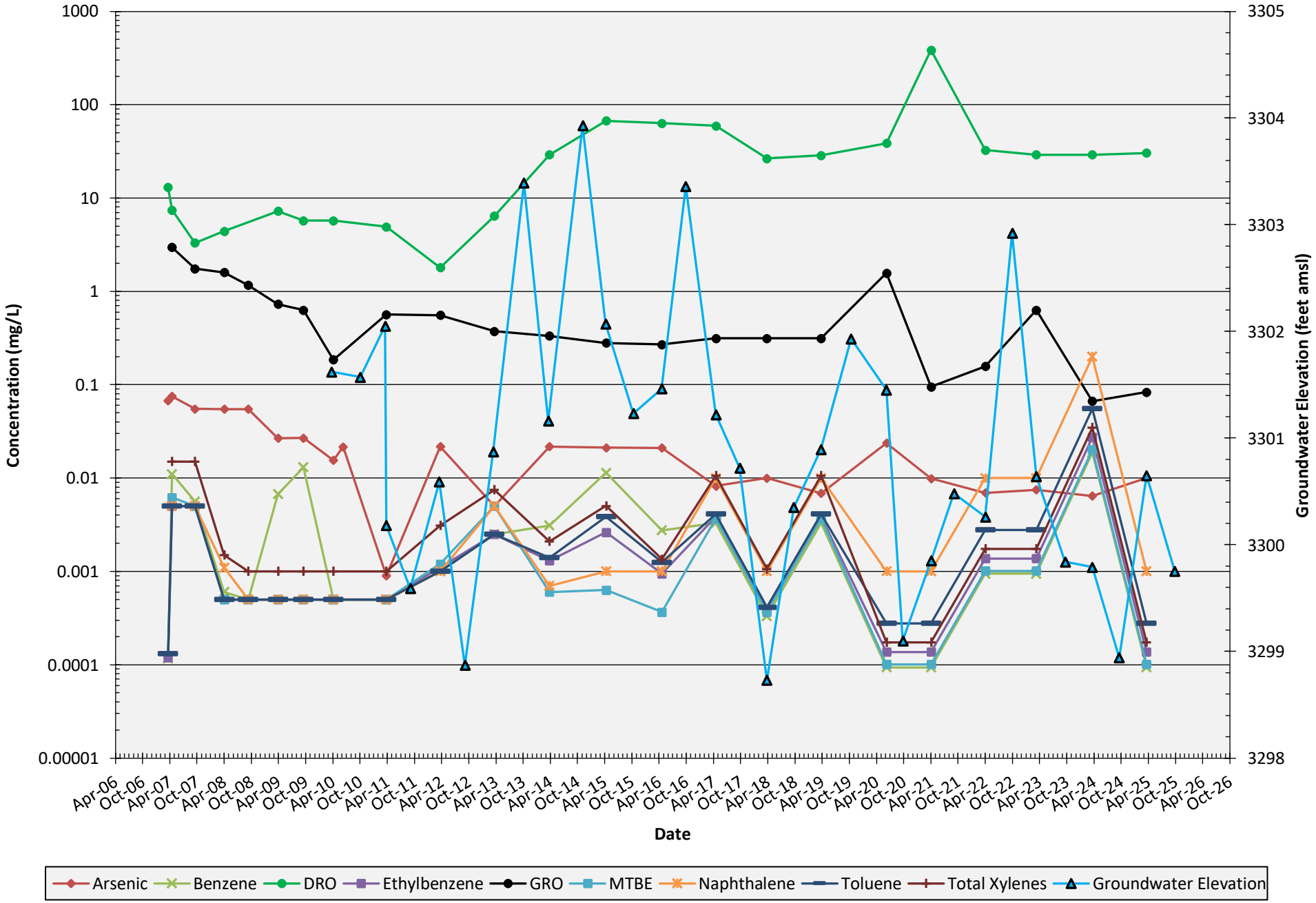


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-78: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

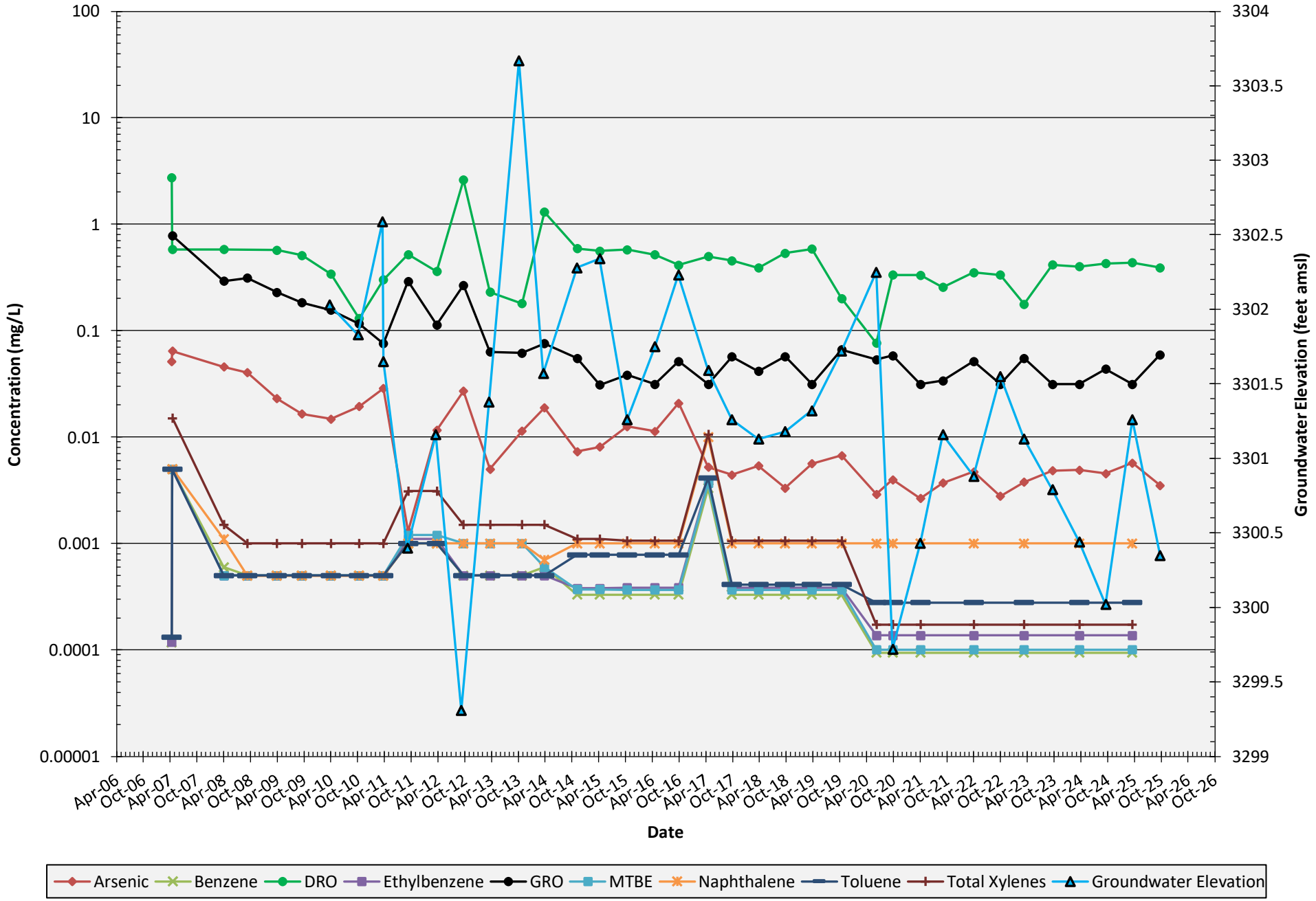


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-79: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

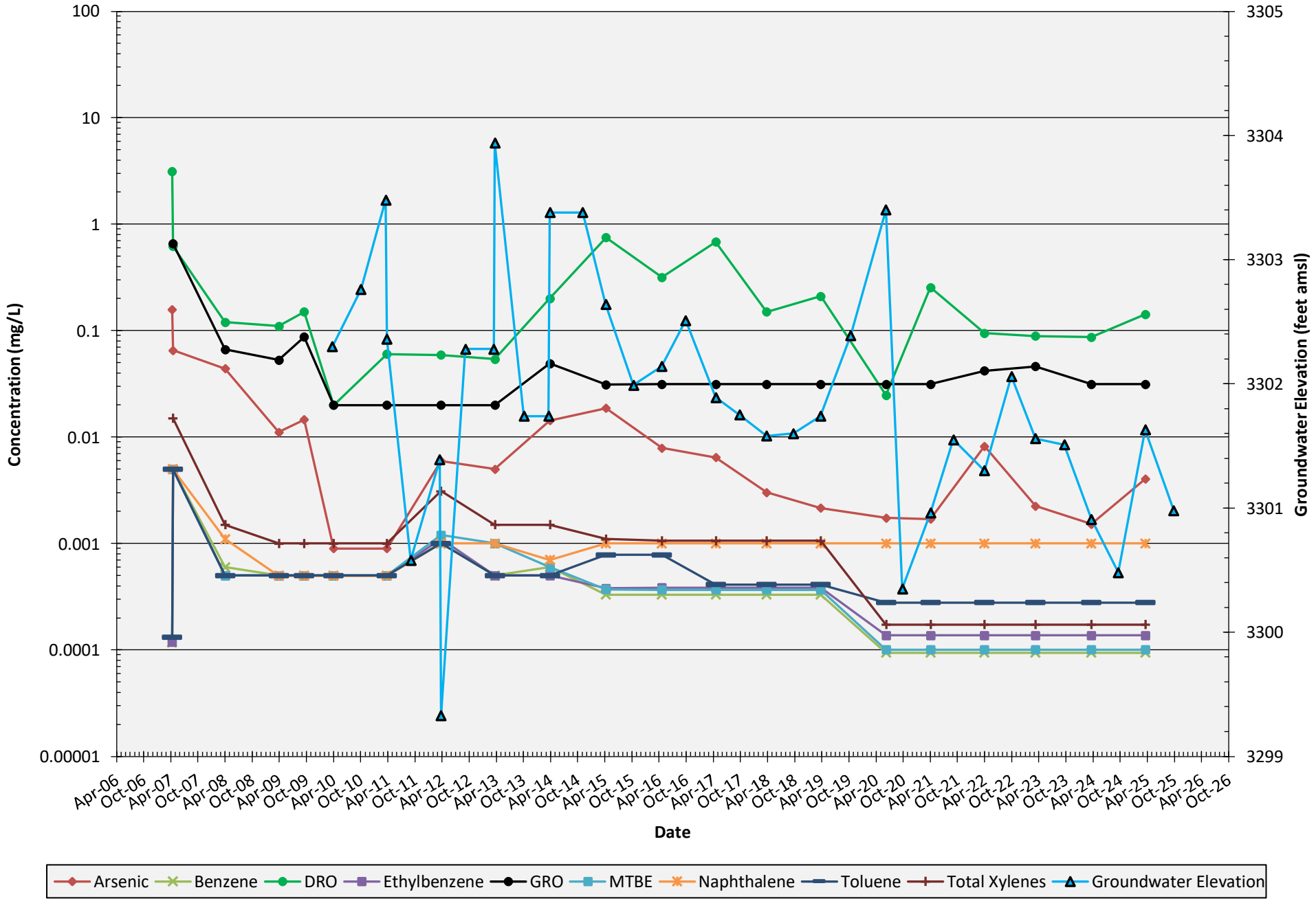


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-80: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

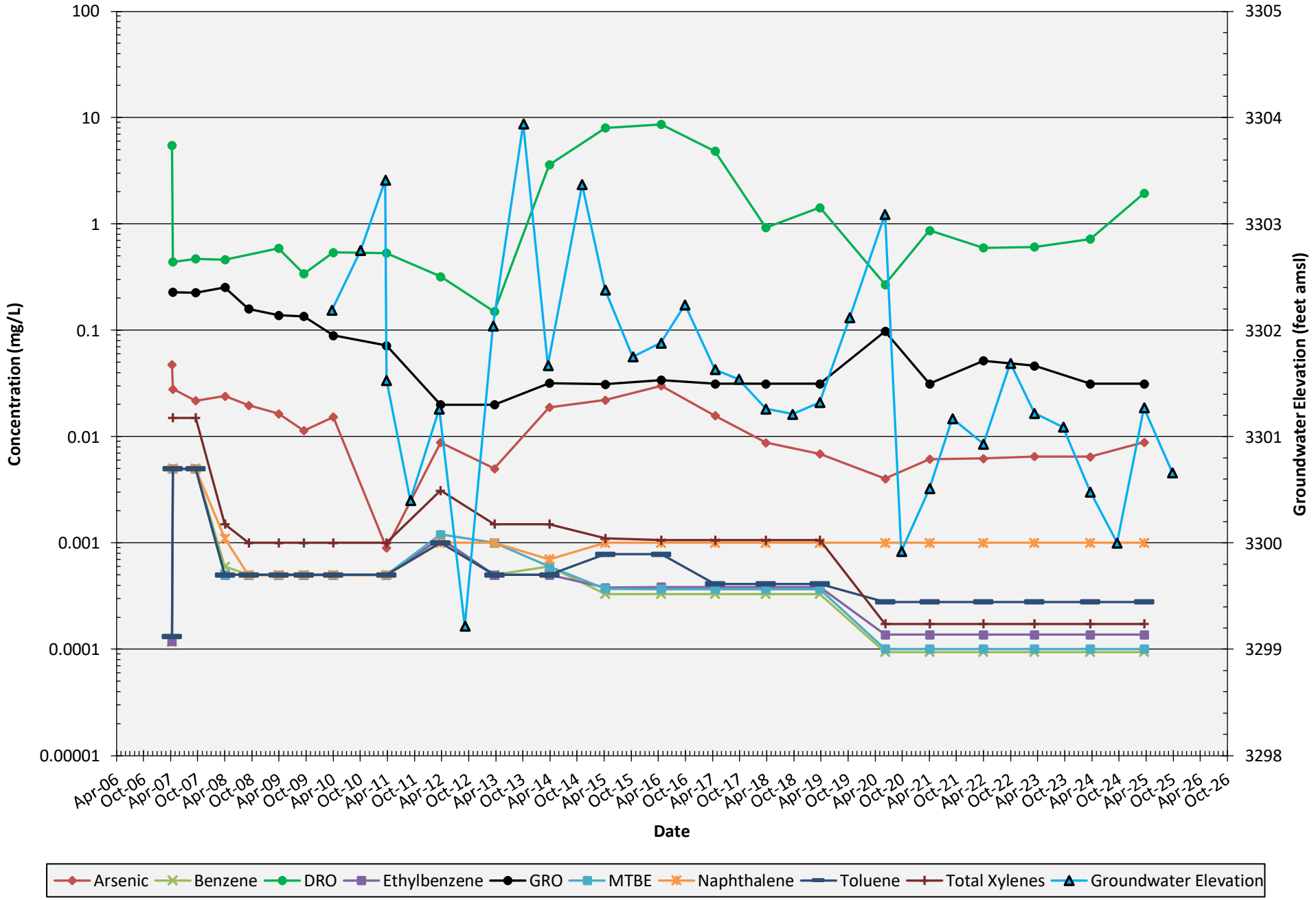


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-81: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

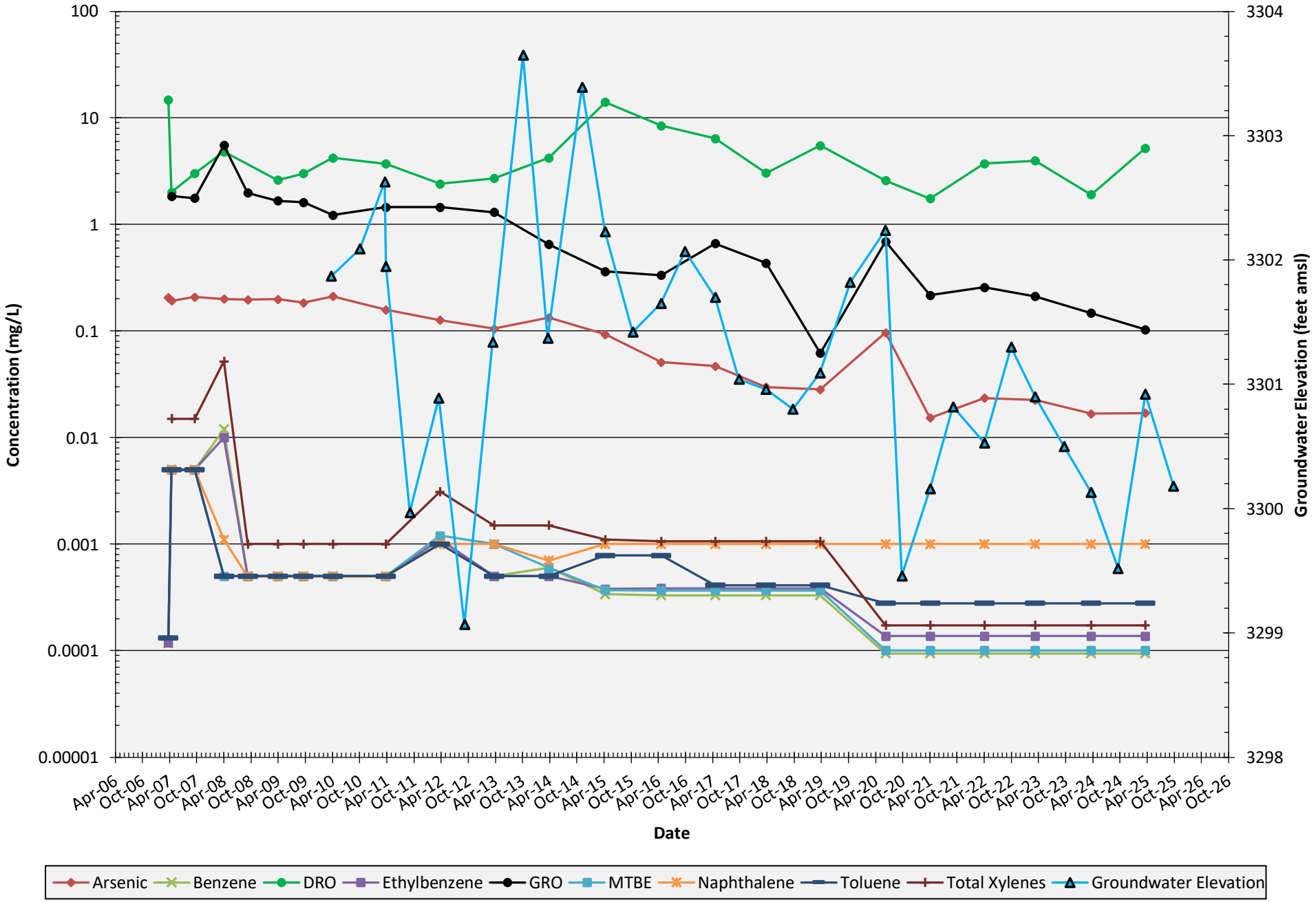


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-82: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

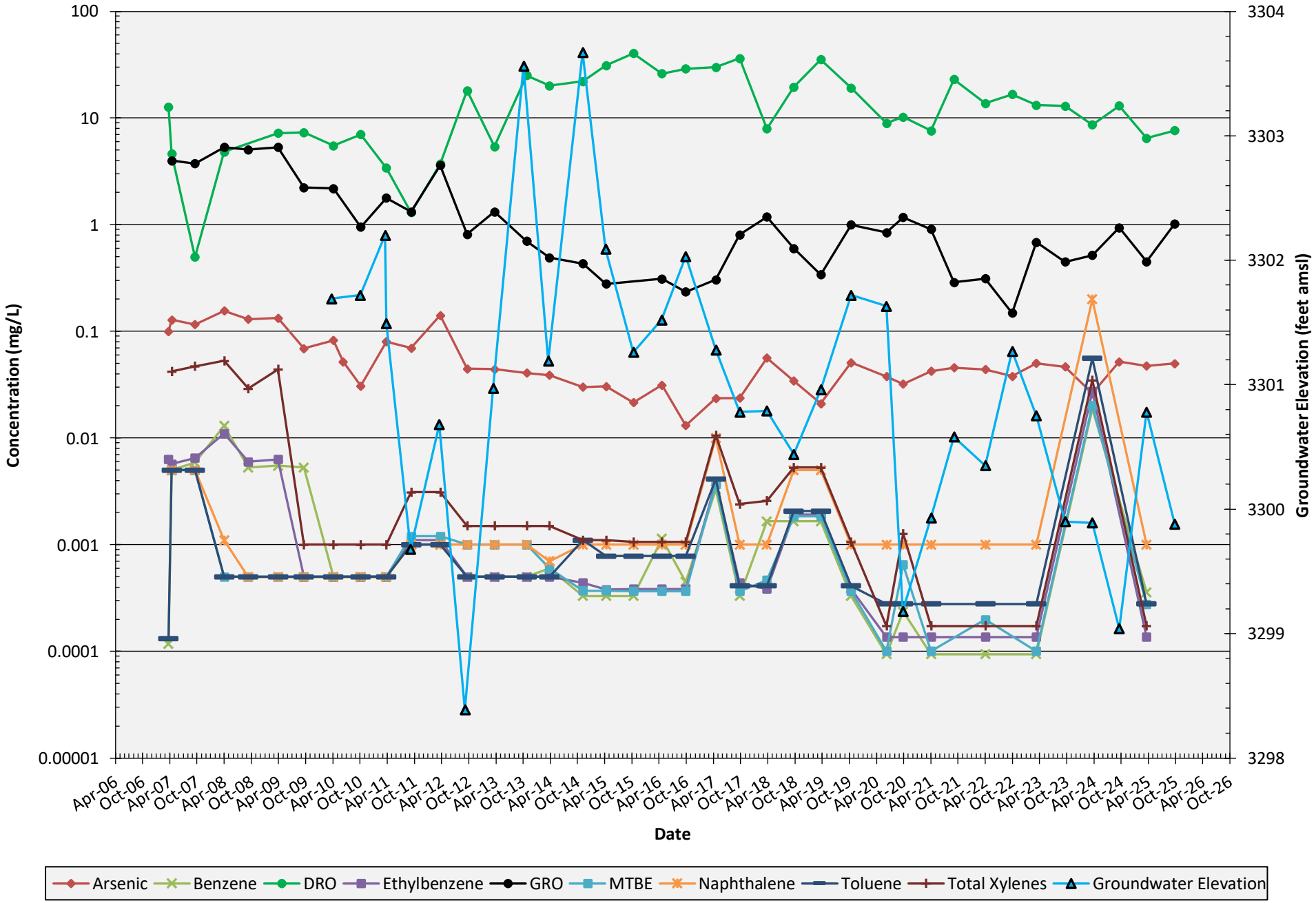


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-83: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

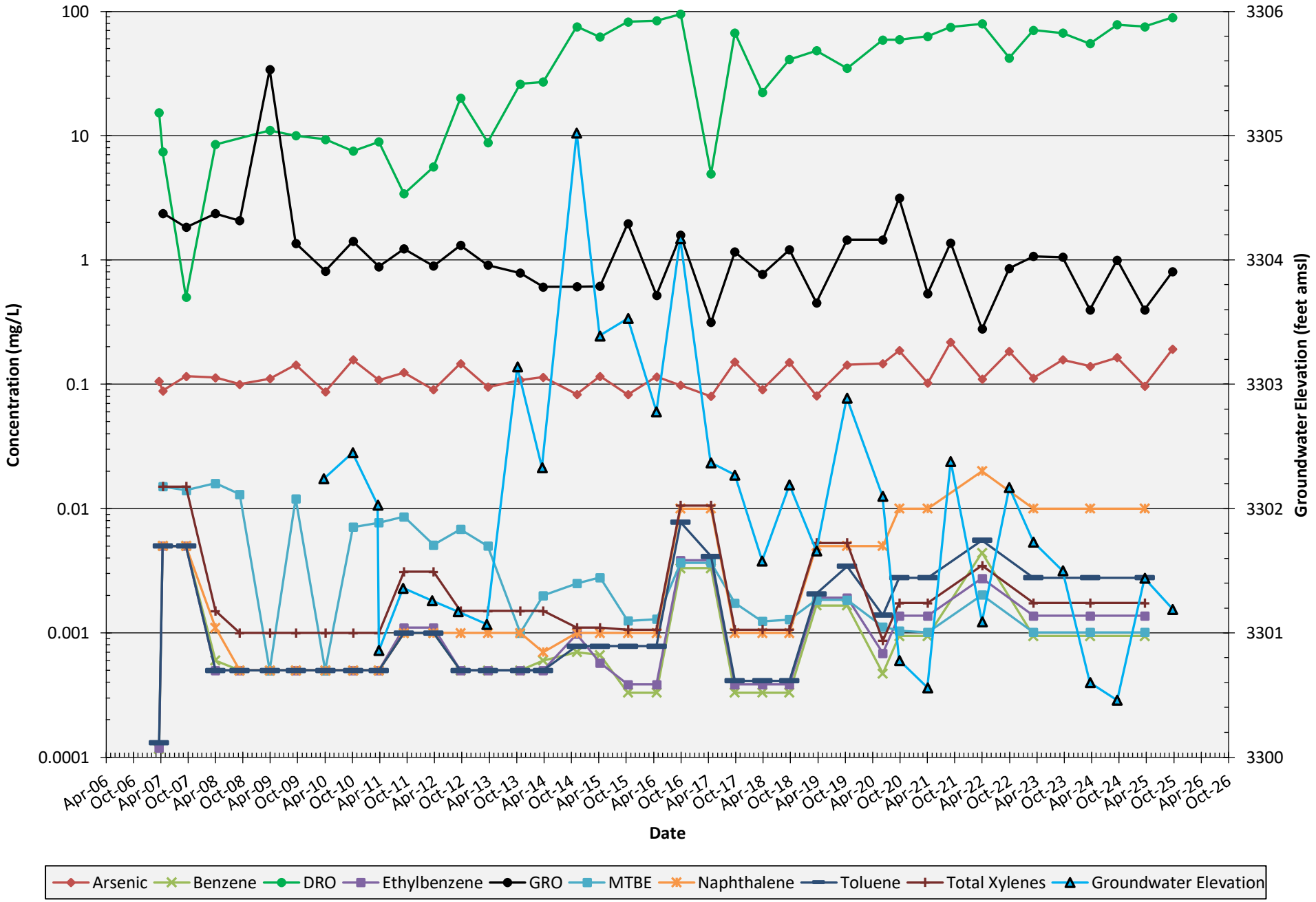


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-84: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



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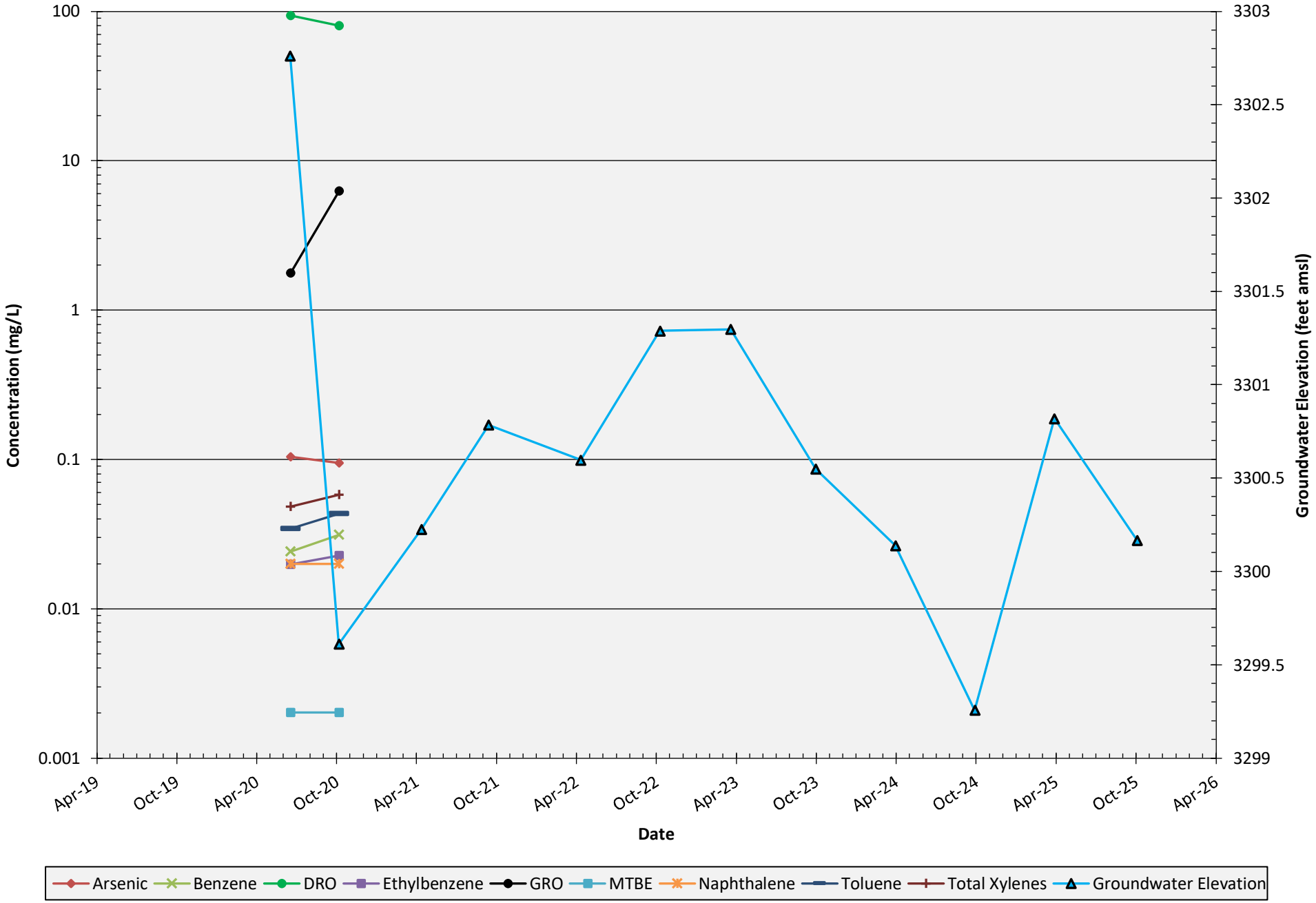
Received by OCD: 6/15/2026 7:23:14 PM

MW-86: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

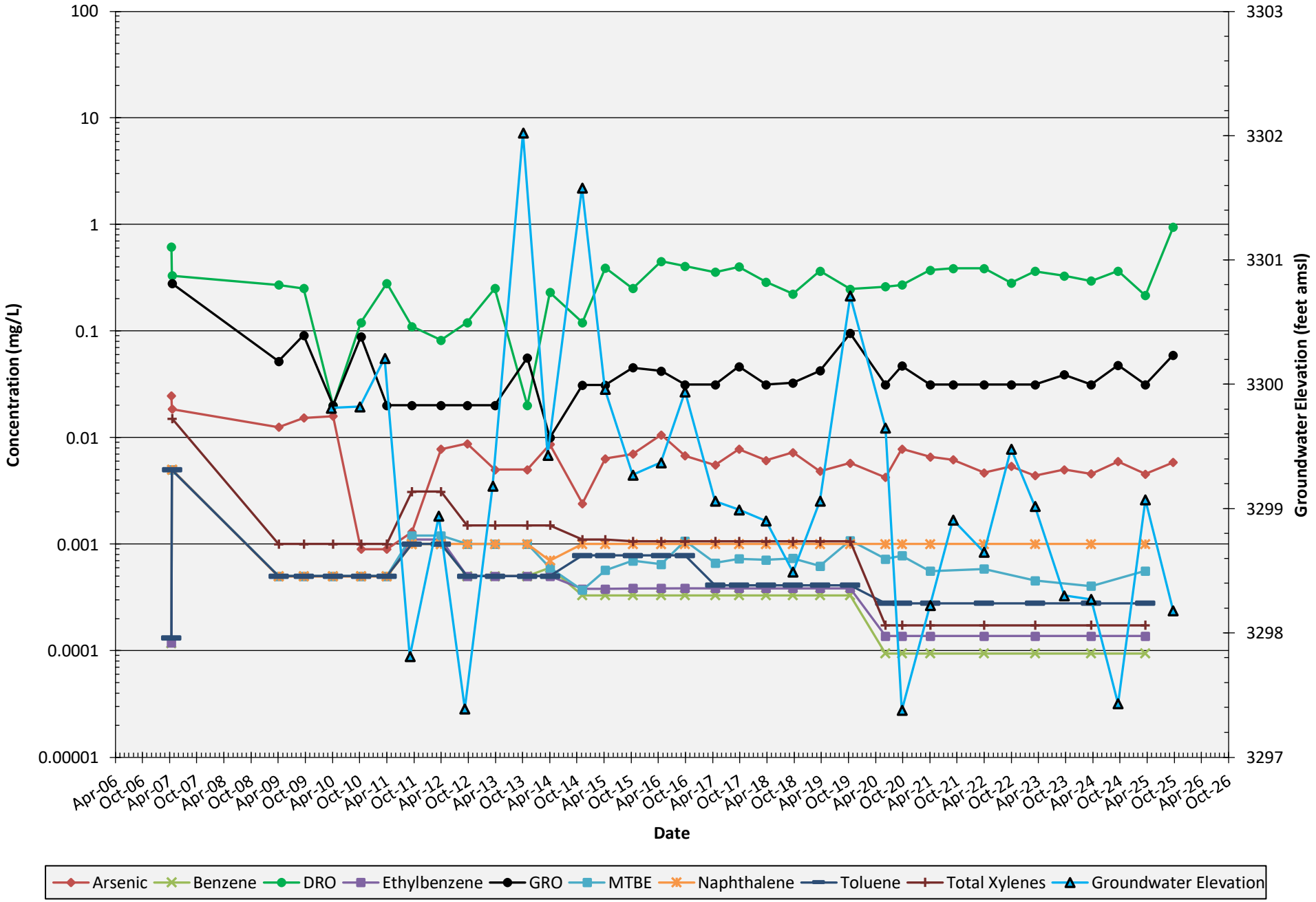


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-87: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

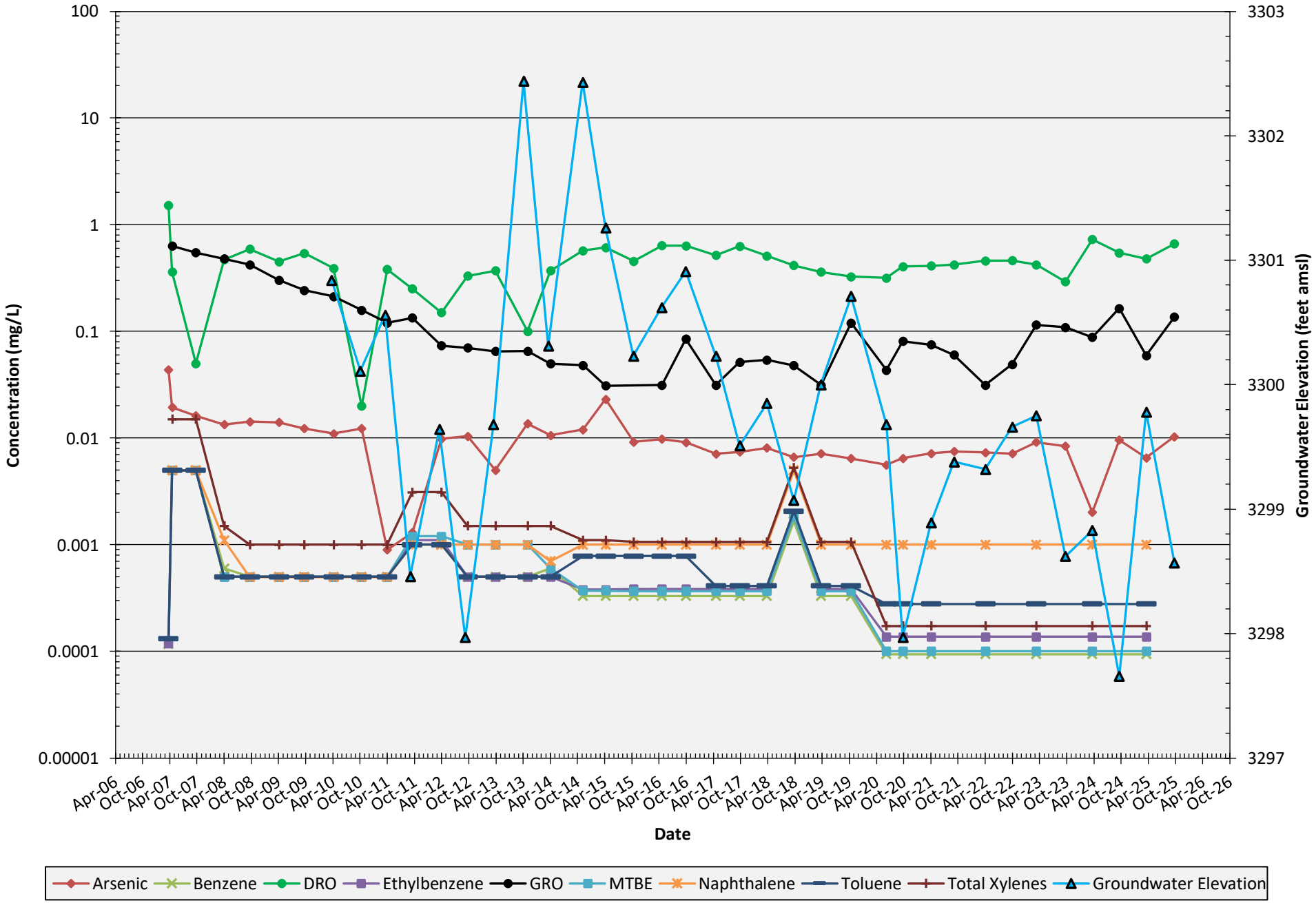


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-88: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

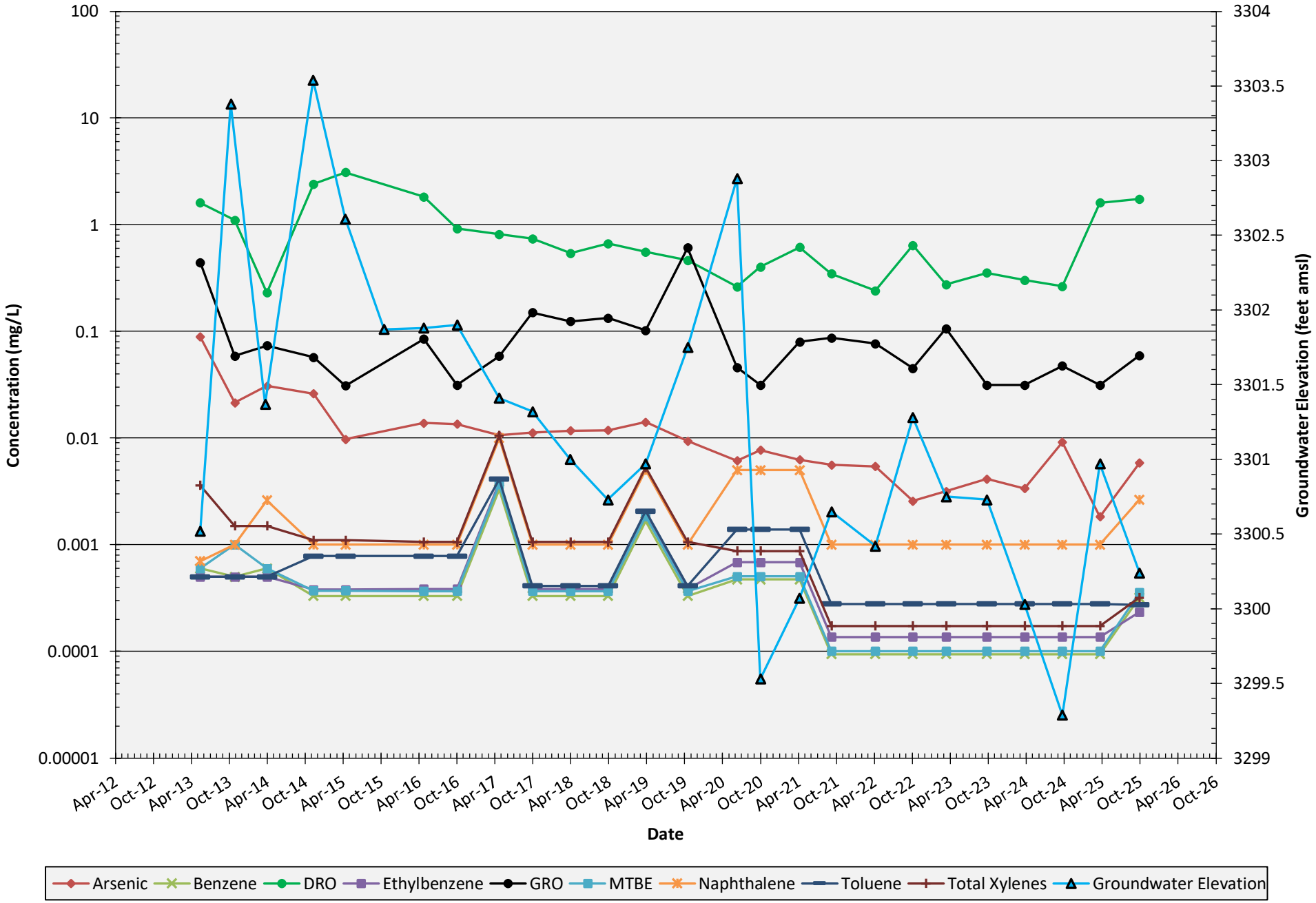


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-120: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



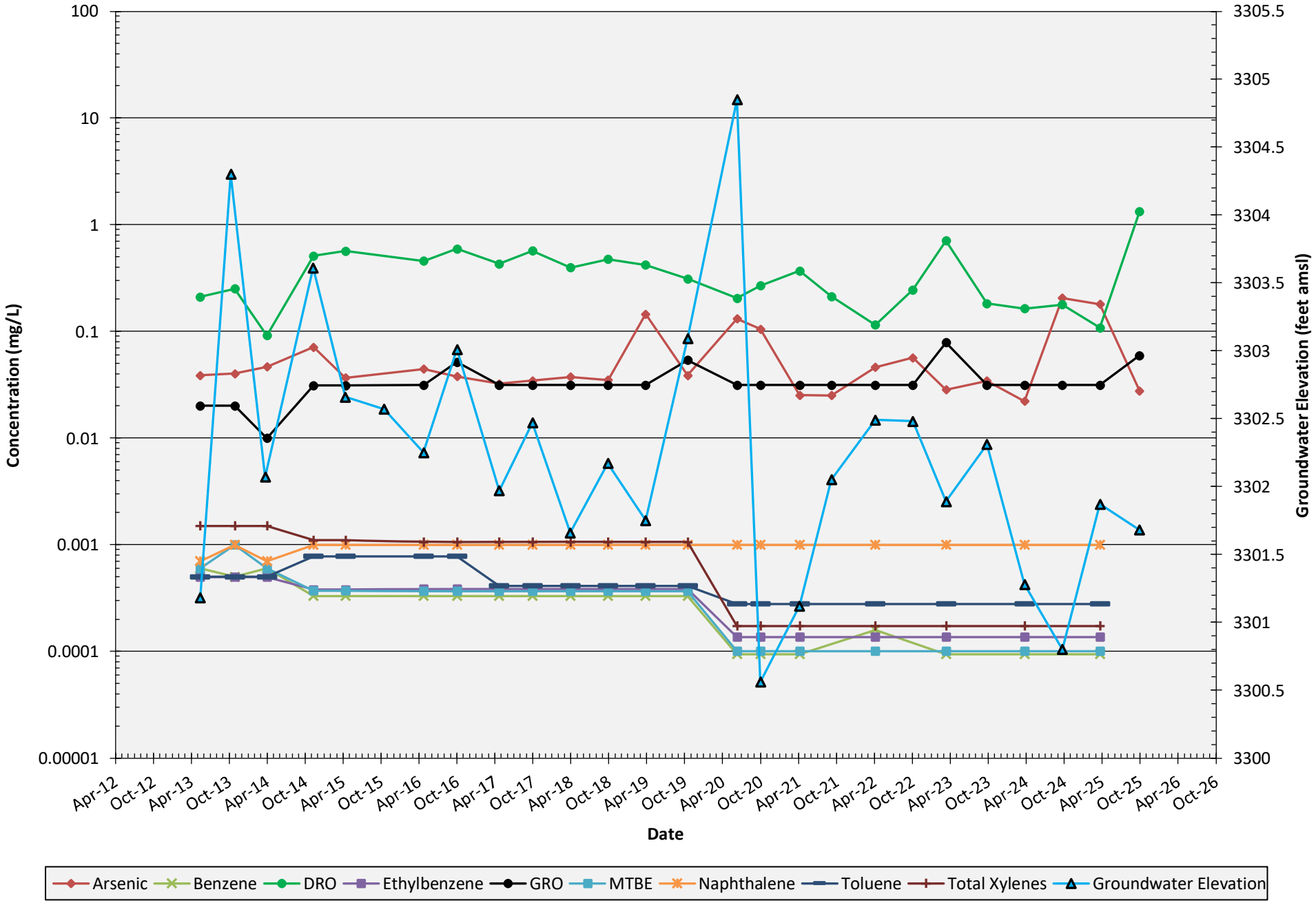
Released to Imaging: 6/26/2026 3:07:01 PM

Received by OCD: 6/15/2026 7:23:14 PM

MW-121: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



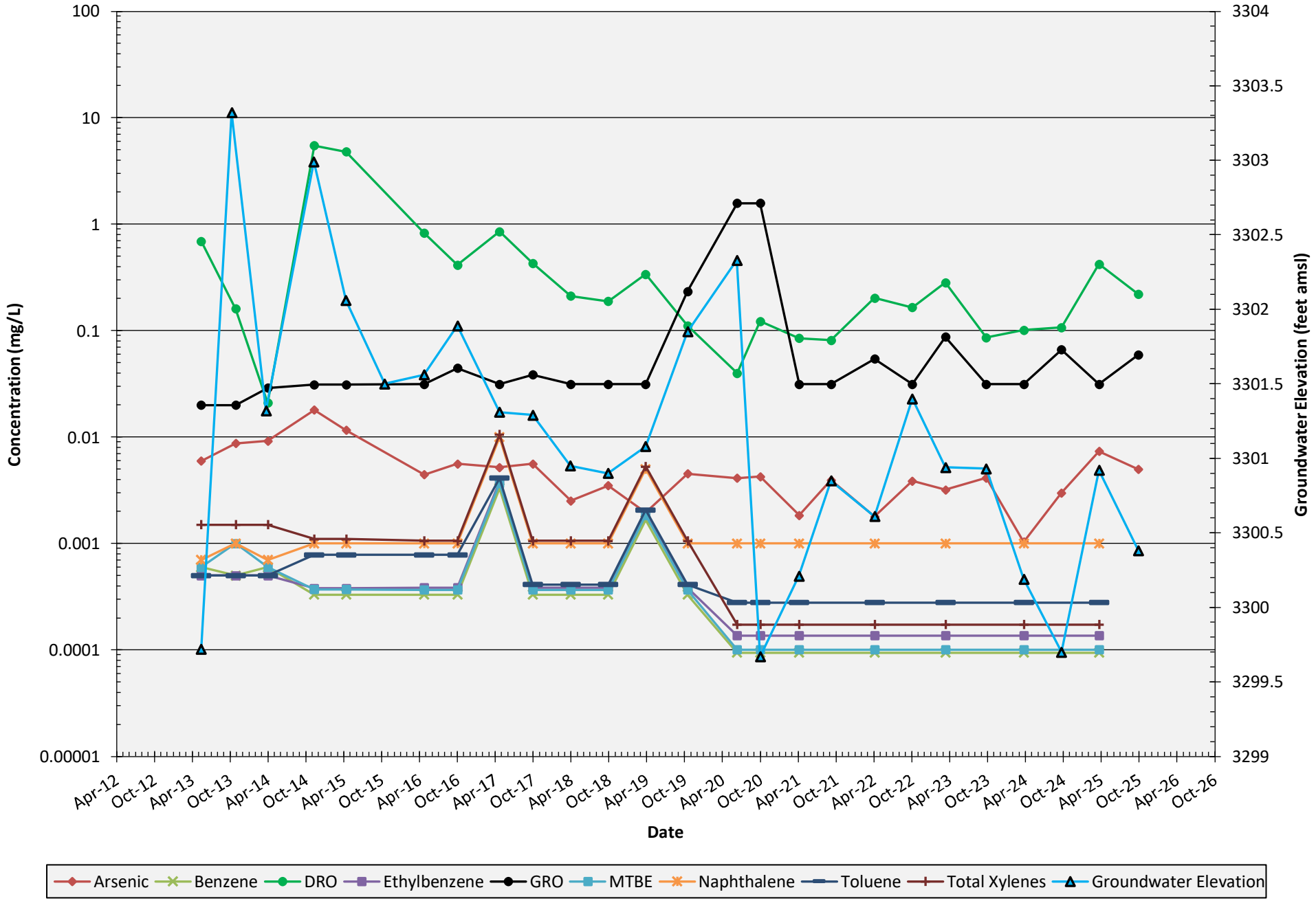
Released to Imaging: 6/26/2026 3:07:01 PM

Received by OCD: 6/15/2026 7:23:14 PM

MW-122: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

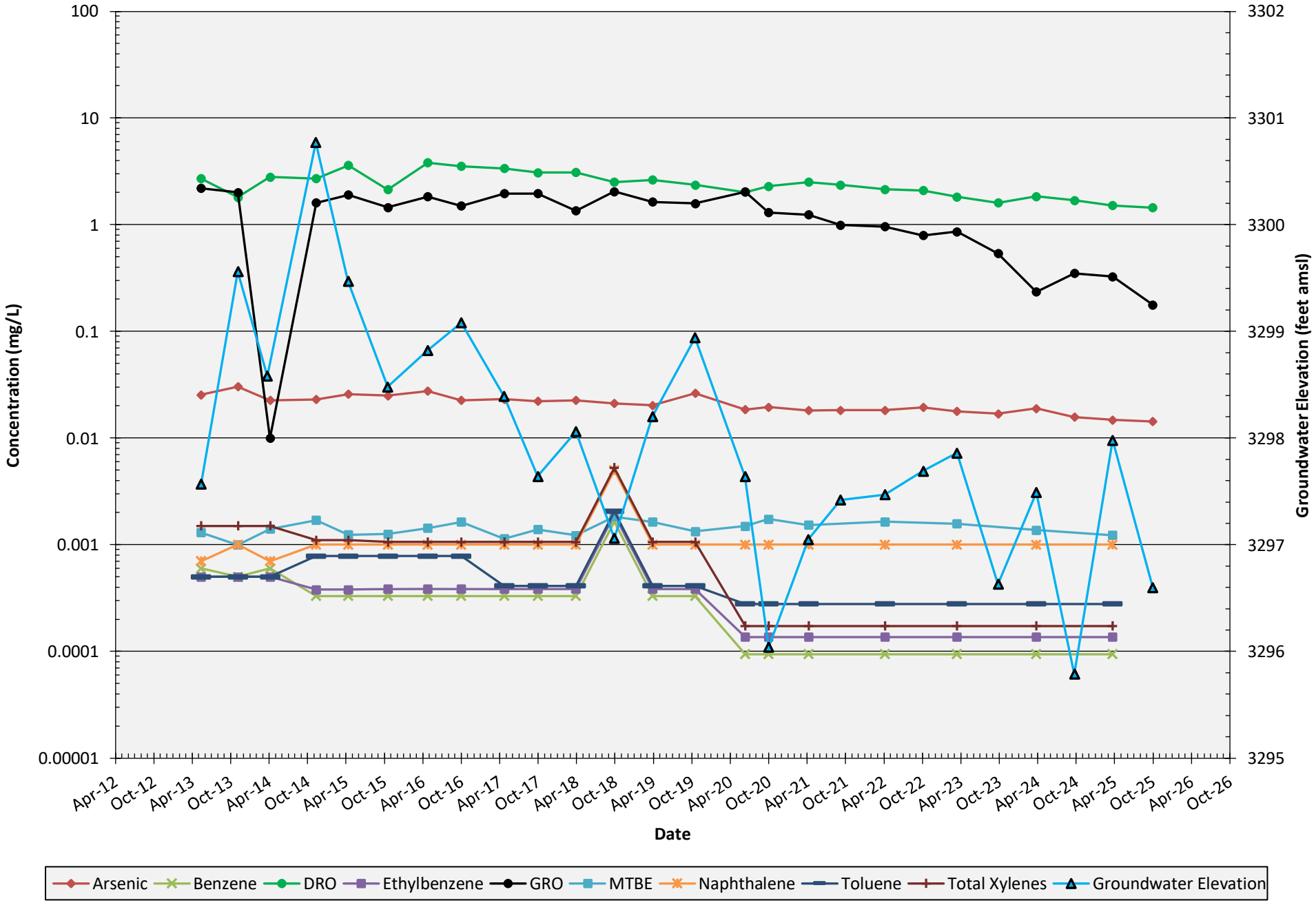


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-123: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

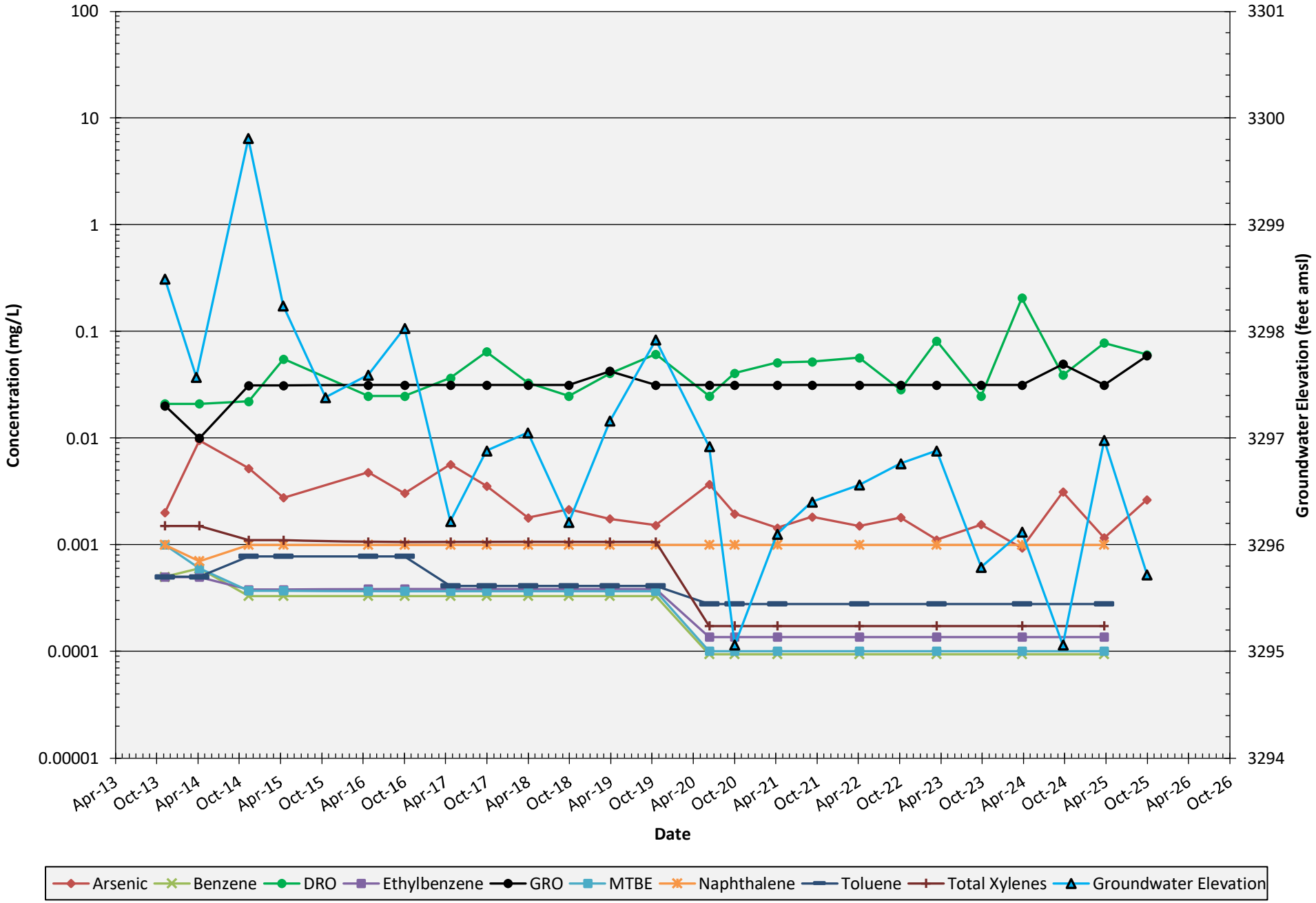


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-124: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

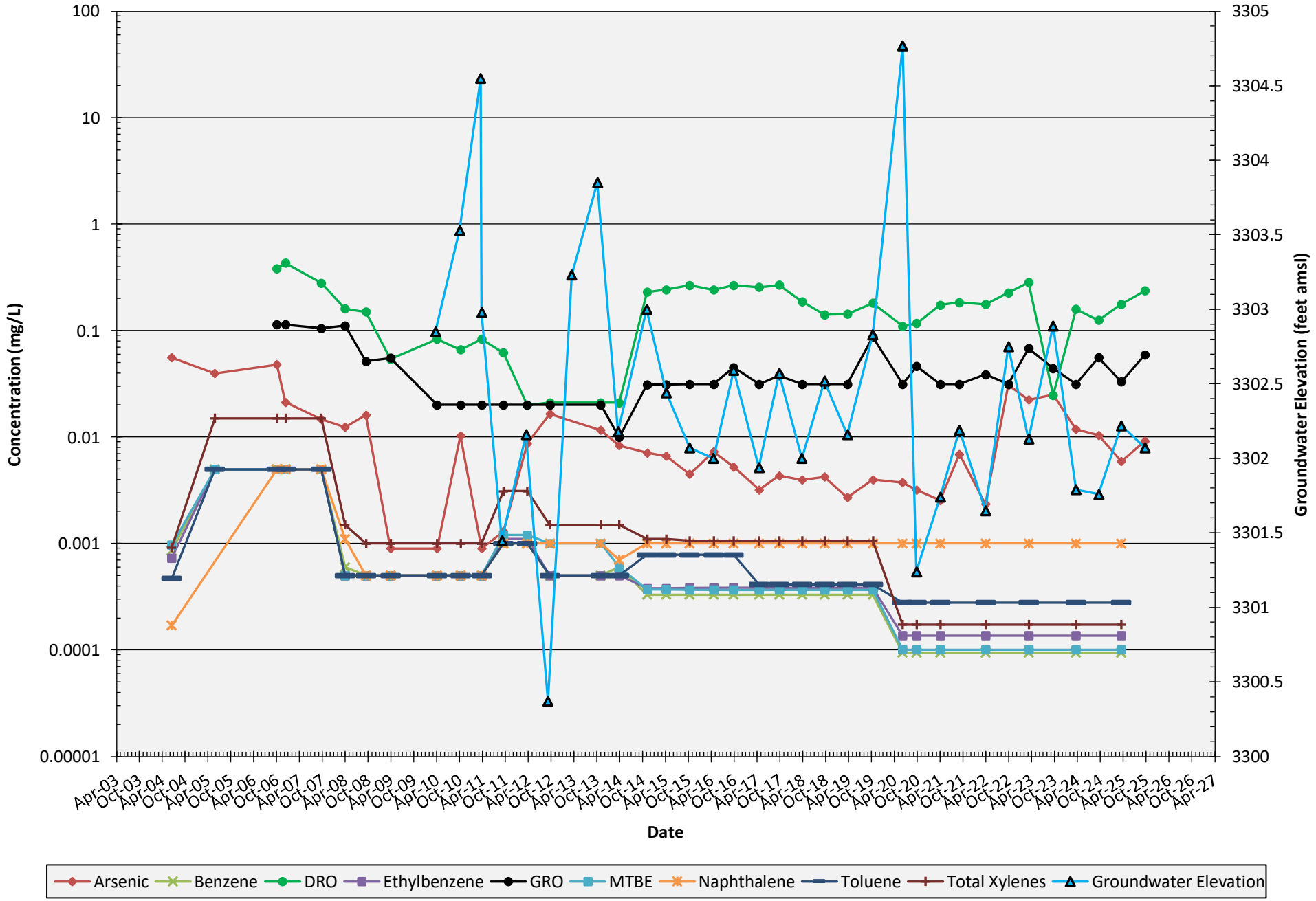


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

OCD-1 & OCD-1R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

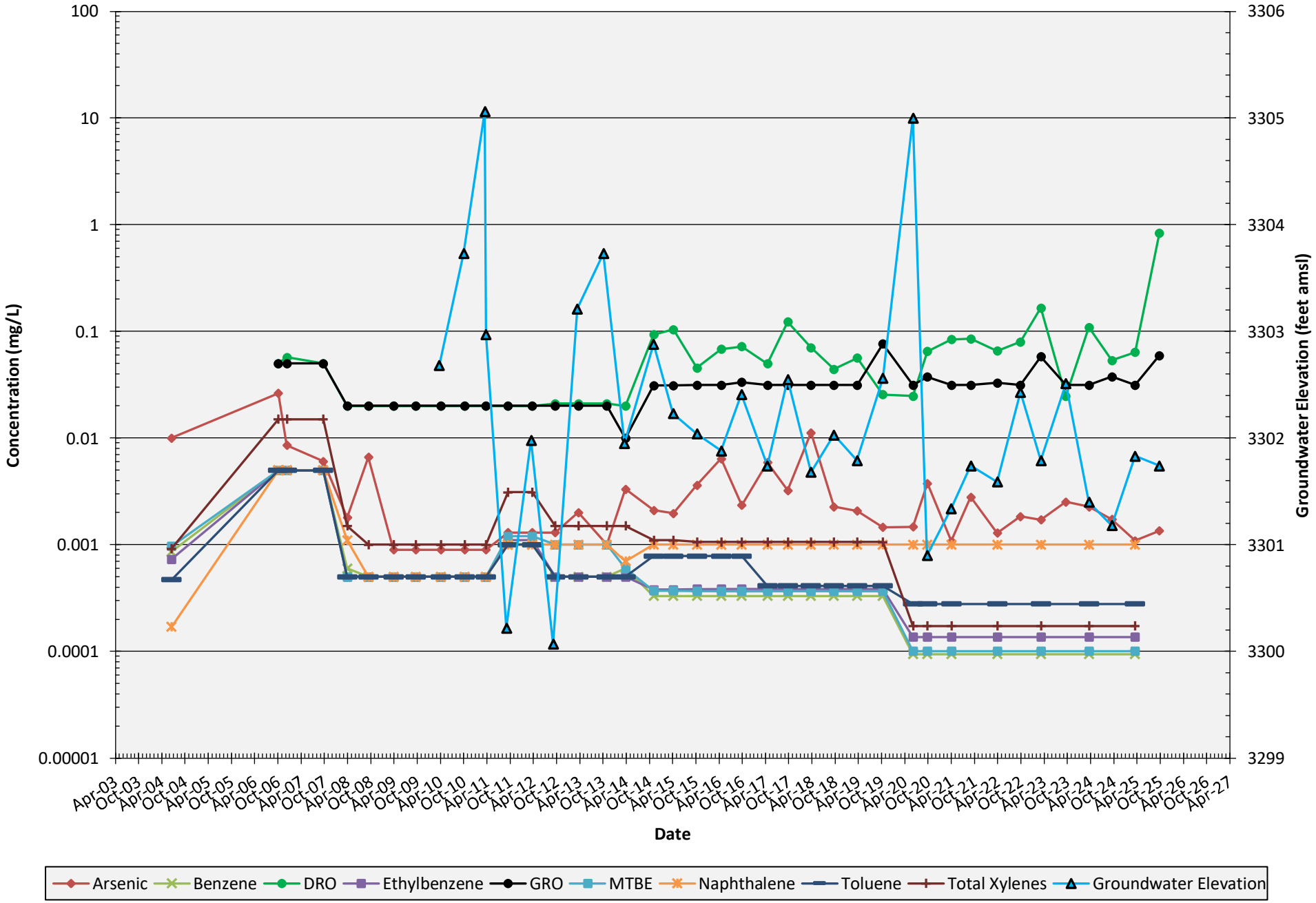


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

OCD-2A: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

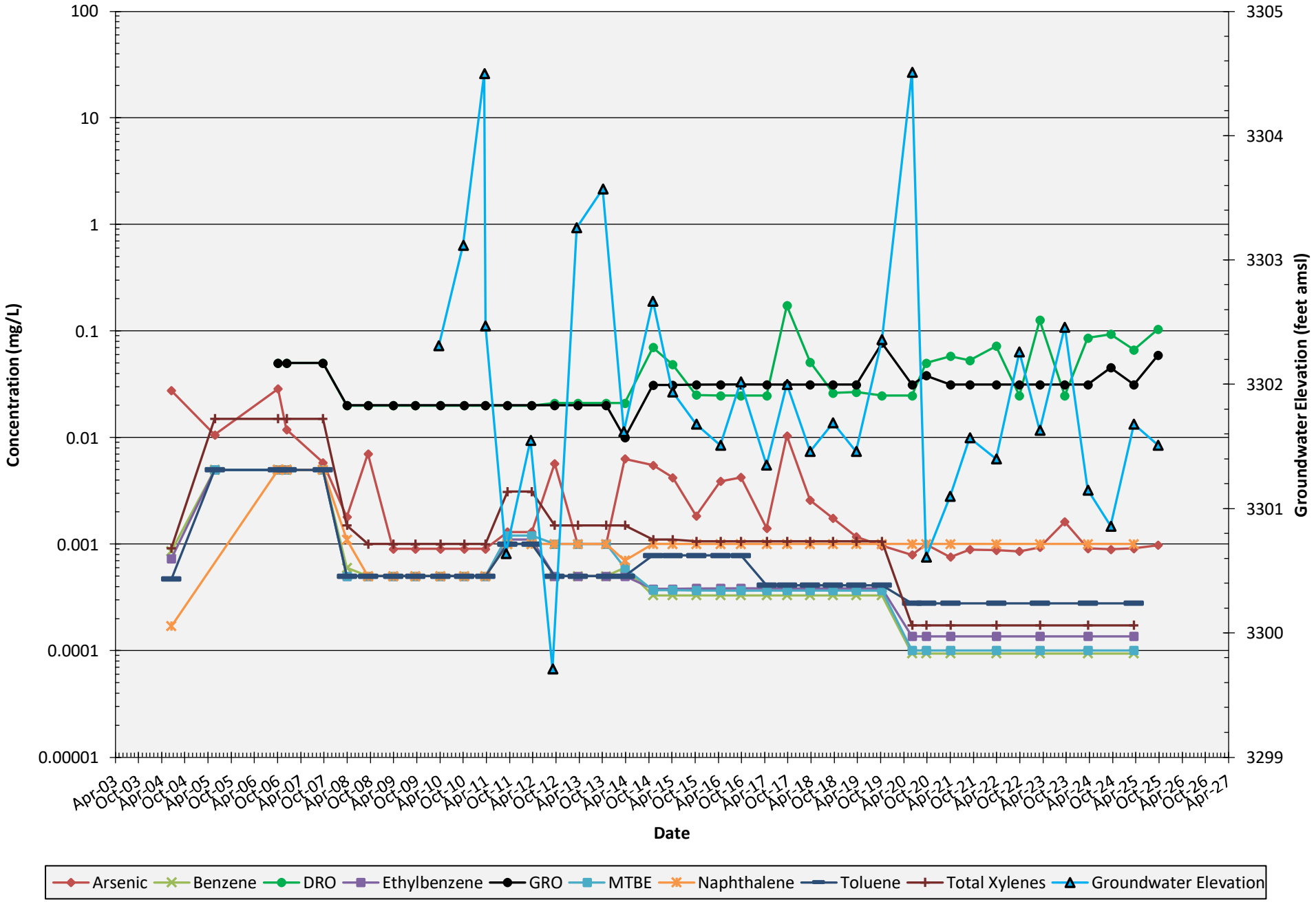


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

OCD-3: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

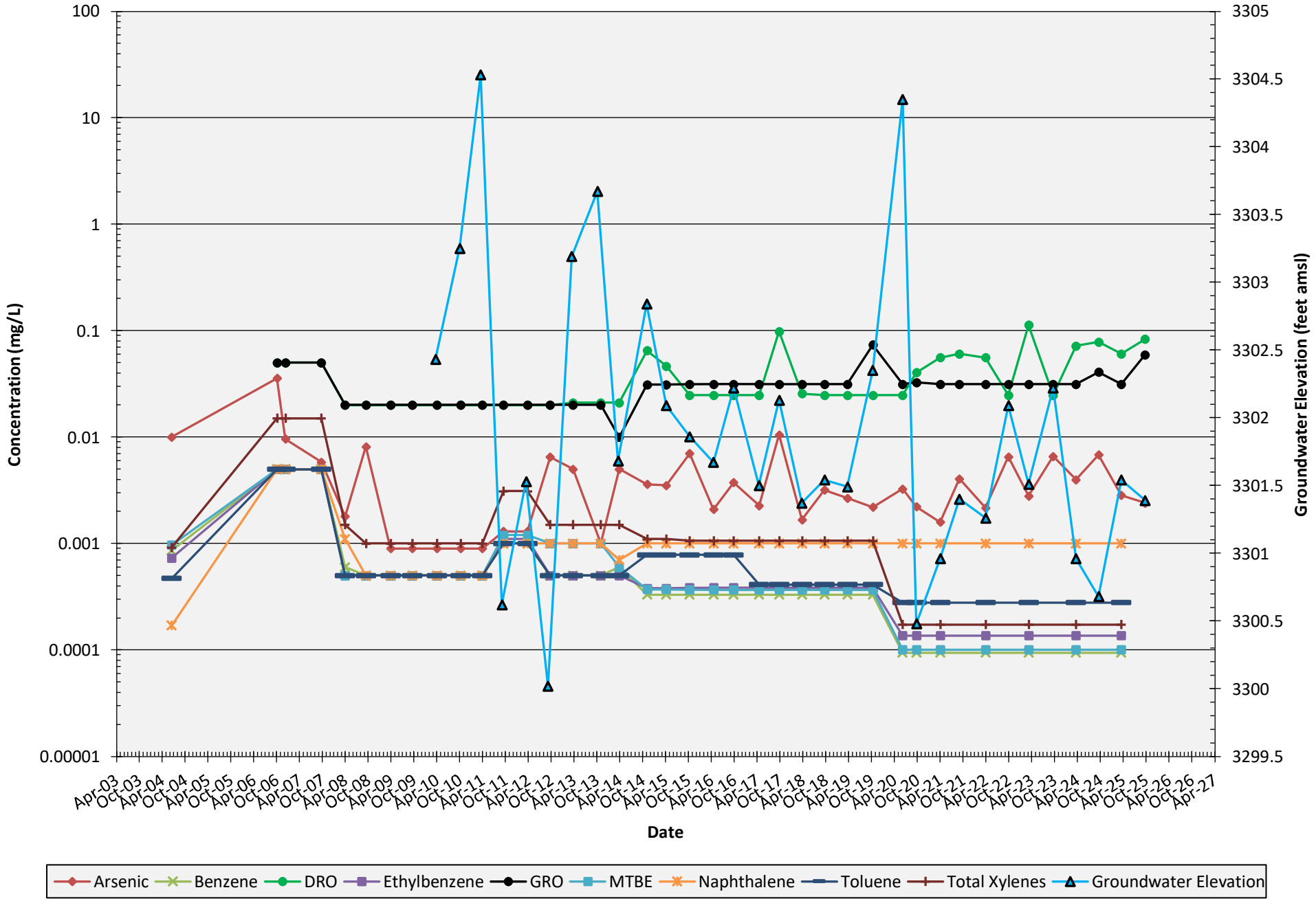


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

OCD-4: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

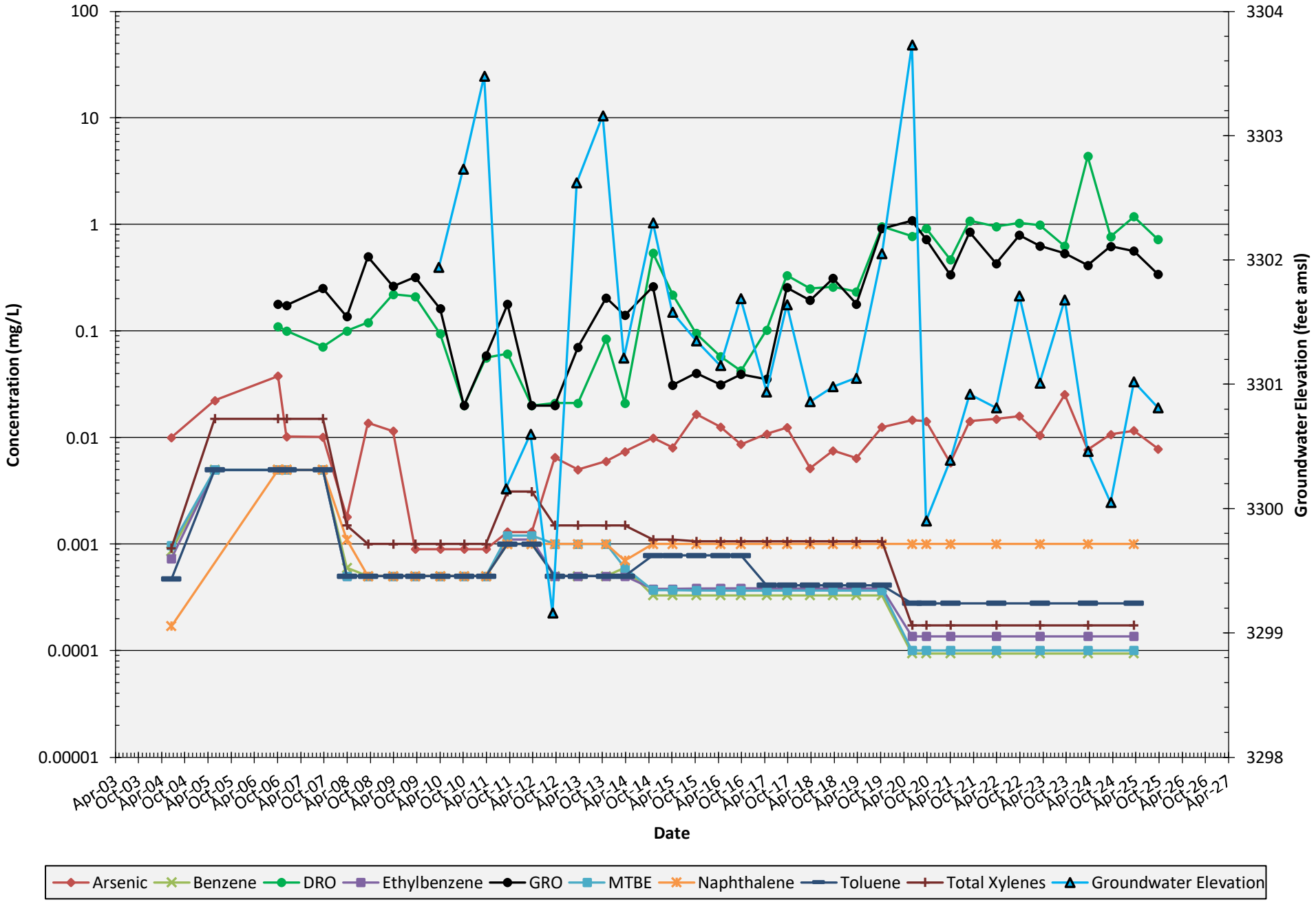


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

OCD-5: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

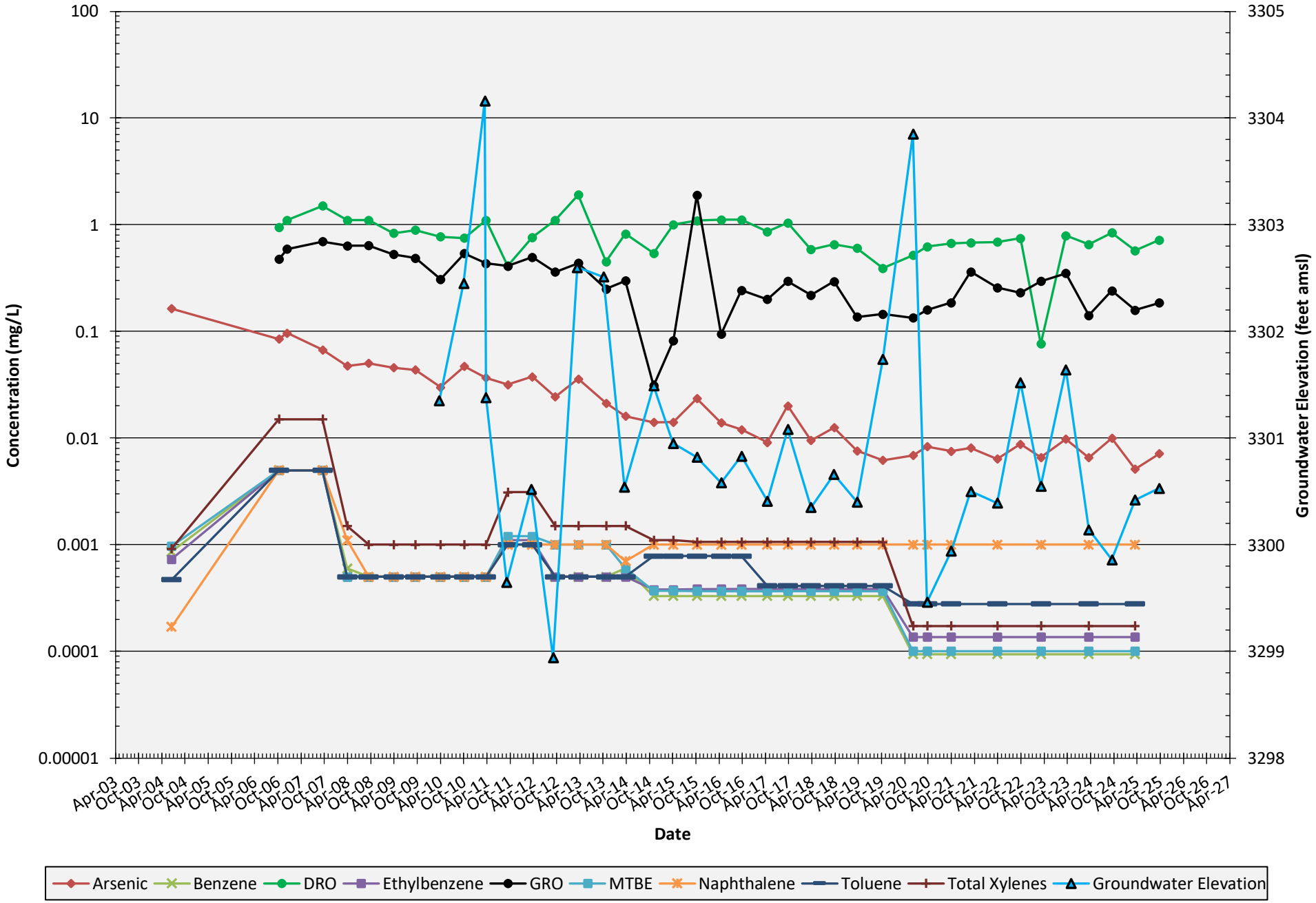


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

OCD-6: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

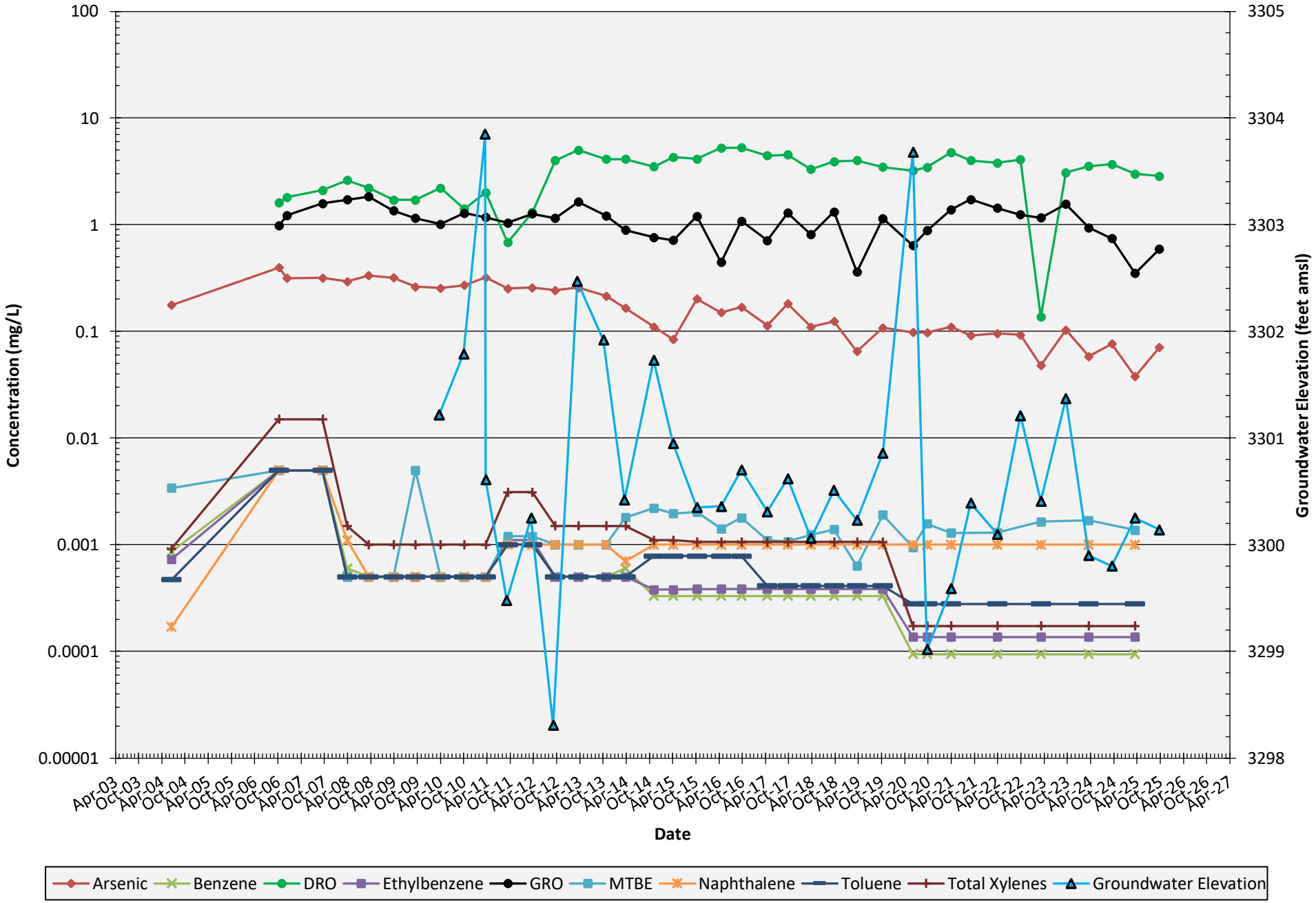


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

OCD-7A & OCD-7AR: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

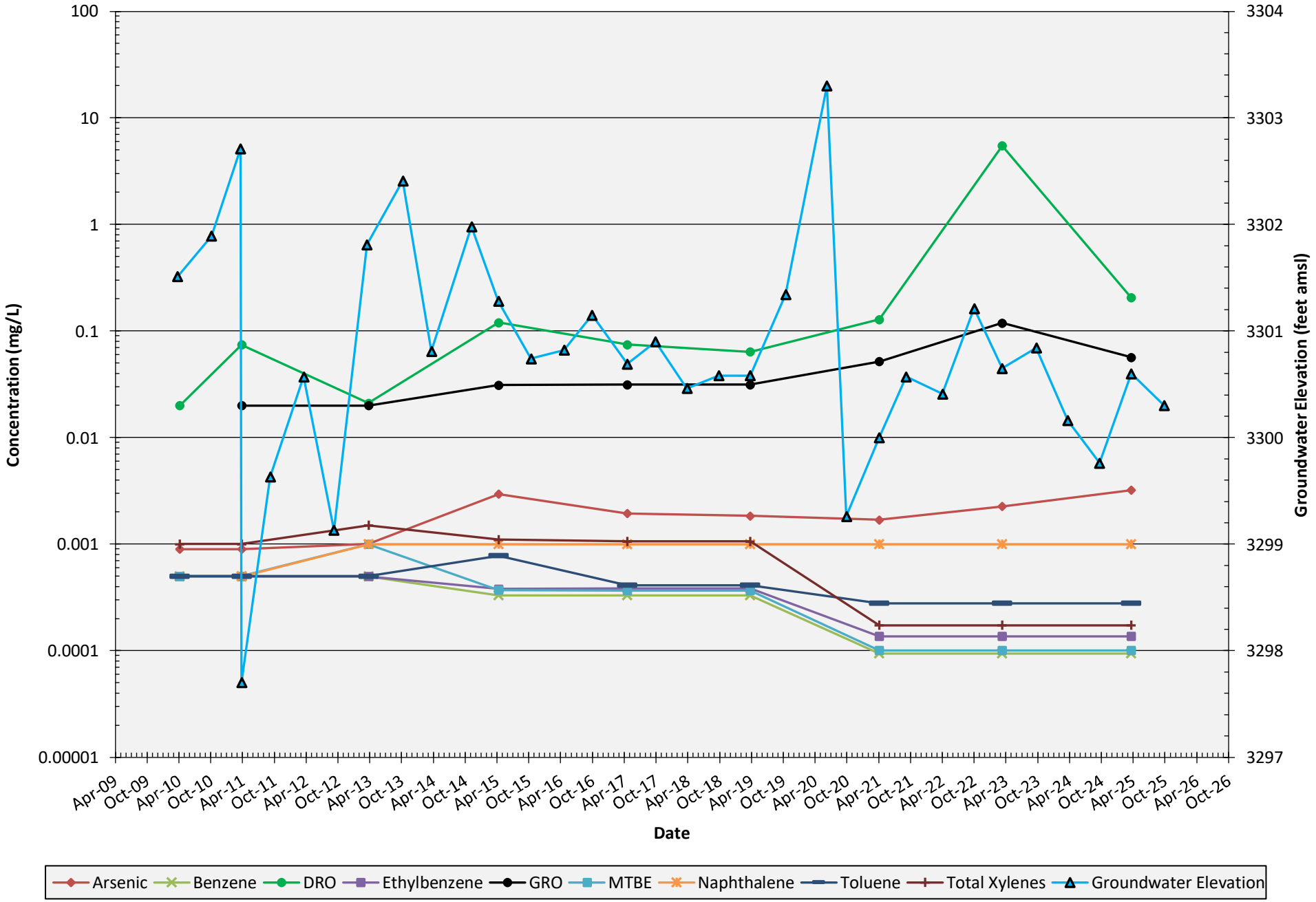


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

OCD-7B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds



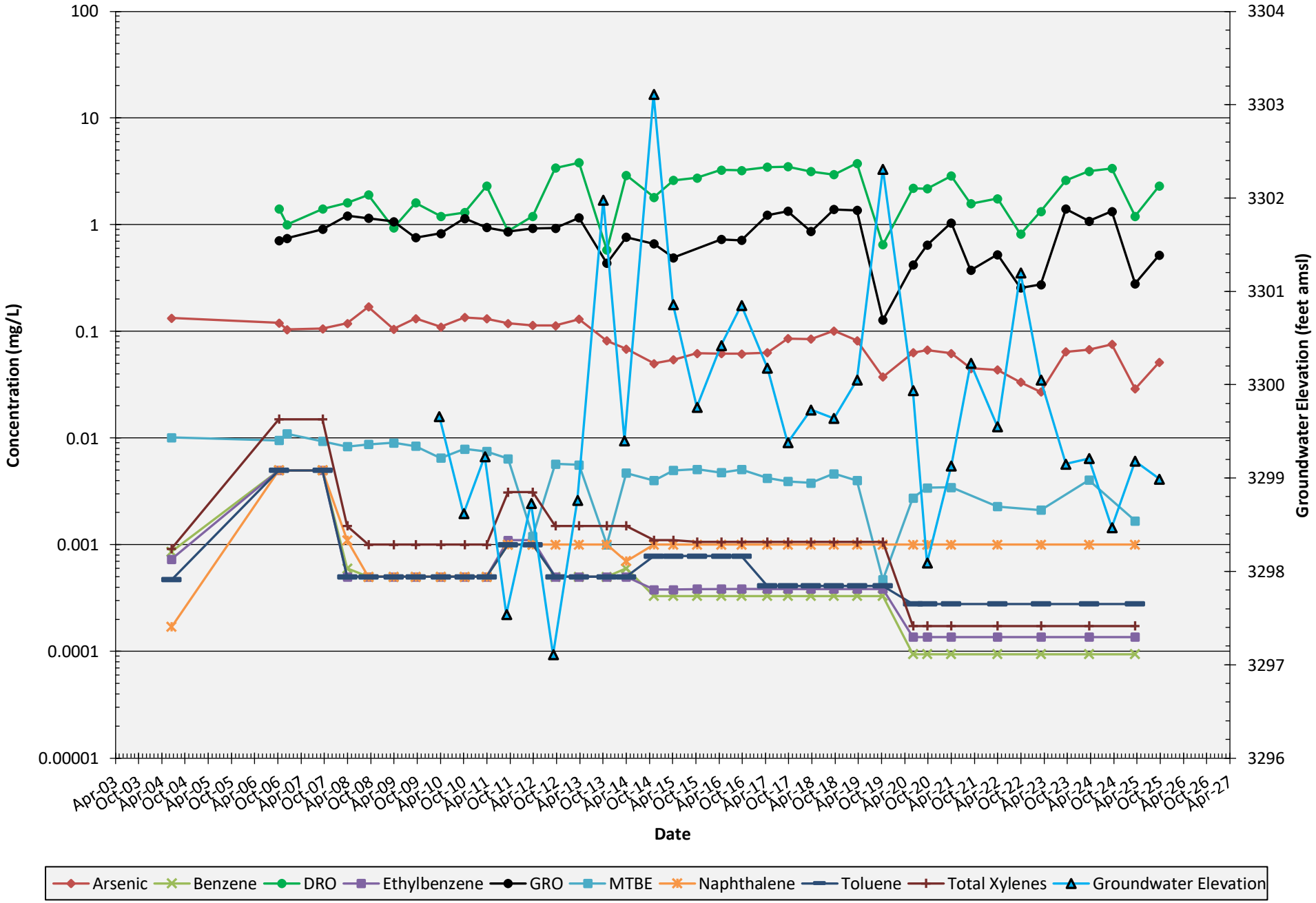
Released to Imaging: 6/26/2026 3:07:01 PM

Received by OCD: 6/15/2026 7:23:14 PM

OCD-8A: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

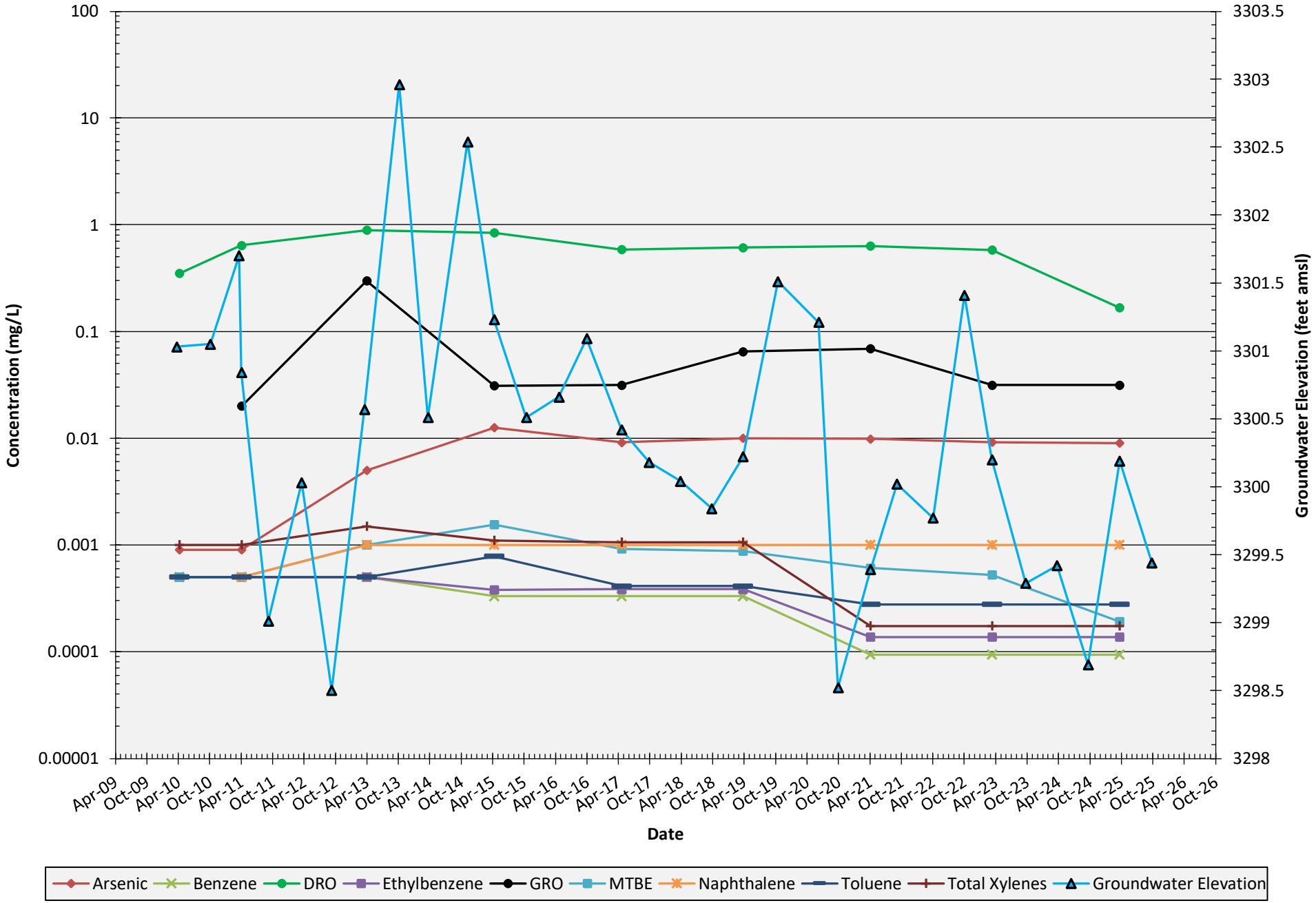


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

OCD-8B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Evaporation Ponds

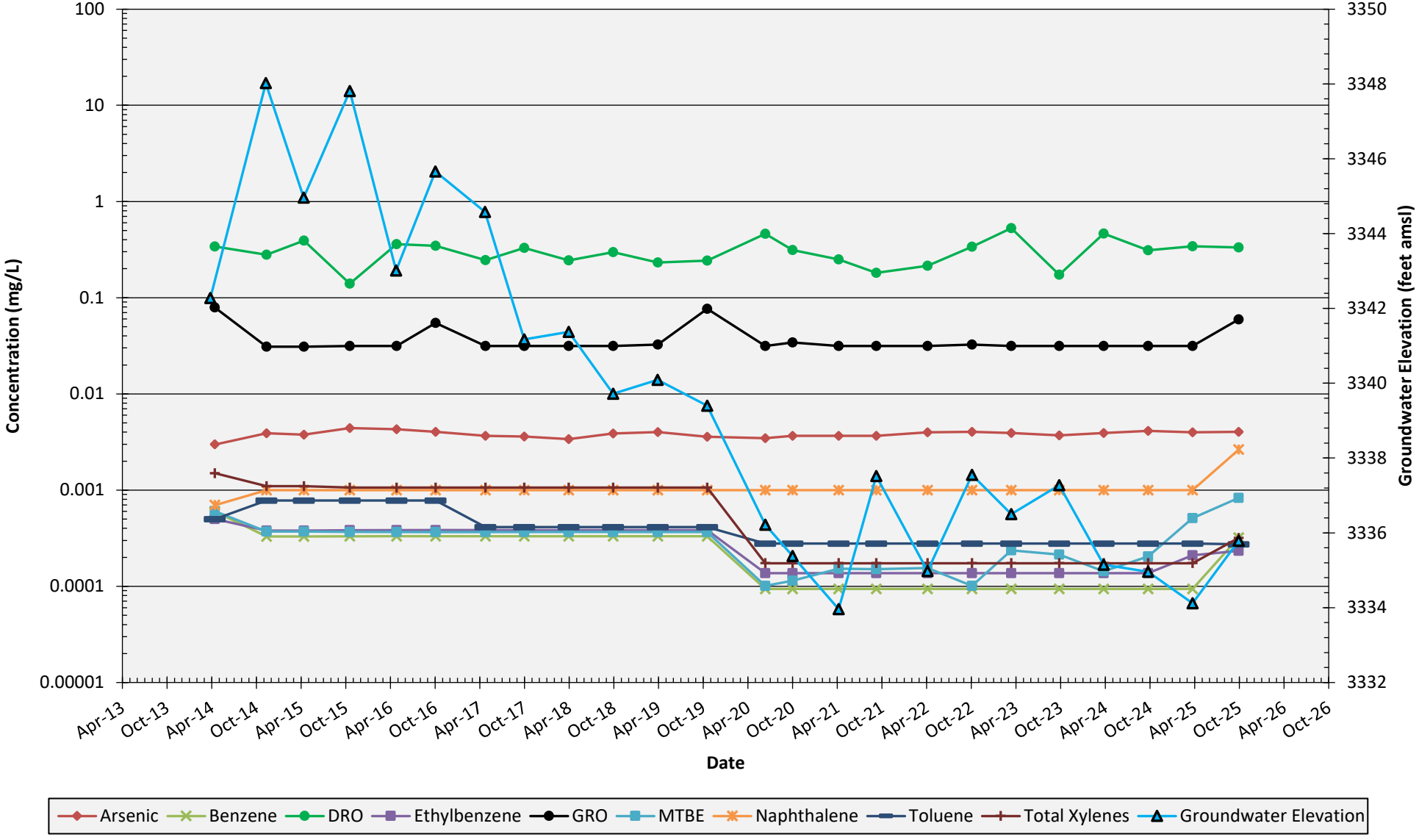


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-126B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

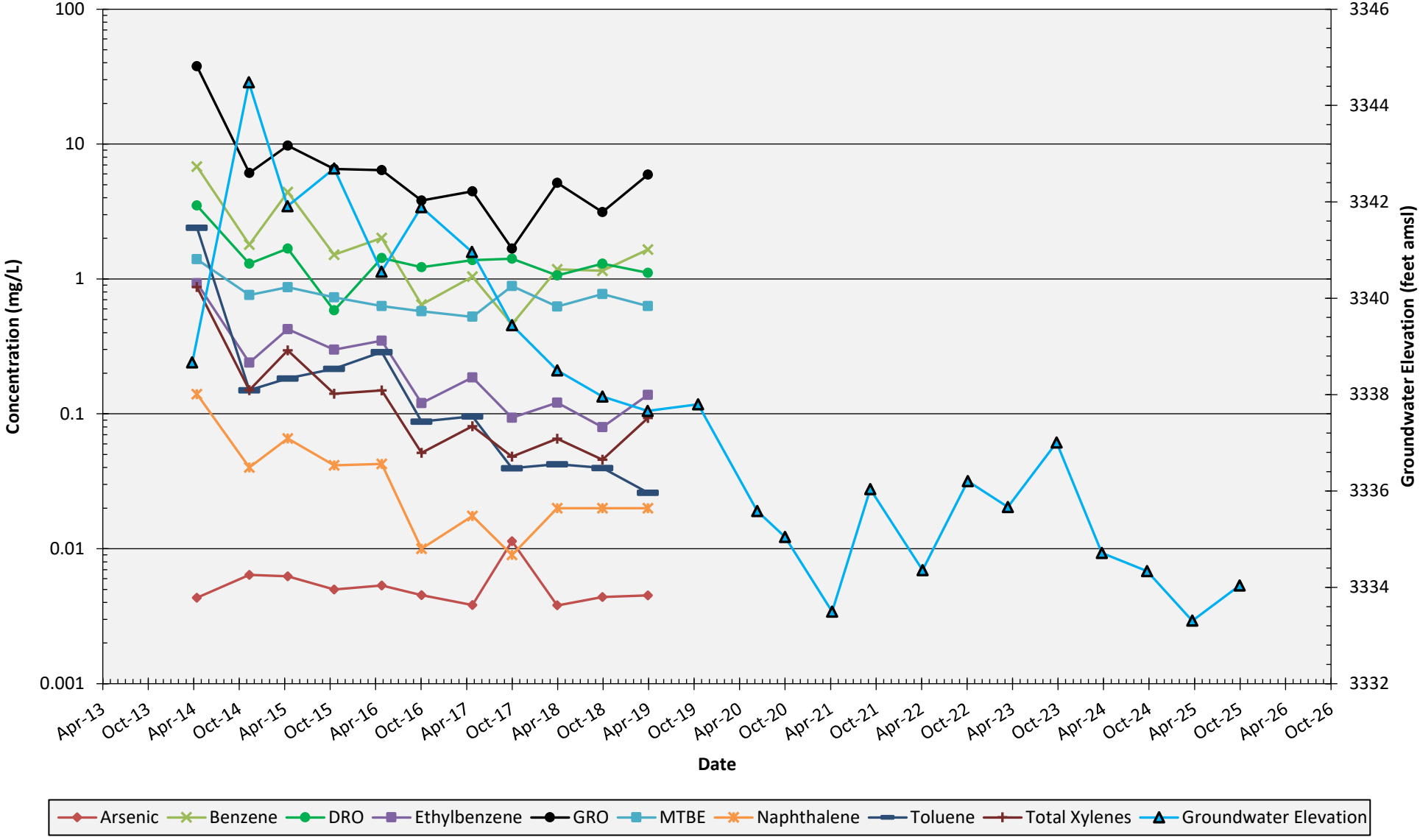


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-127: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

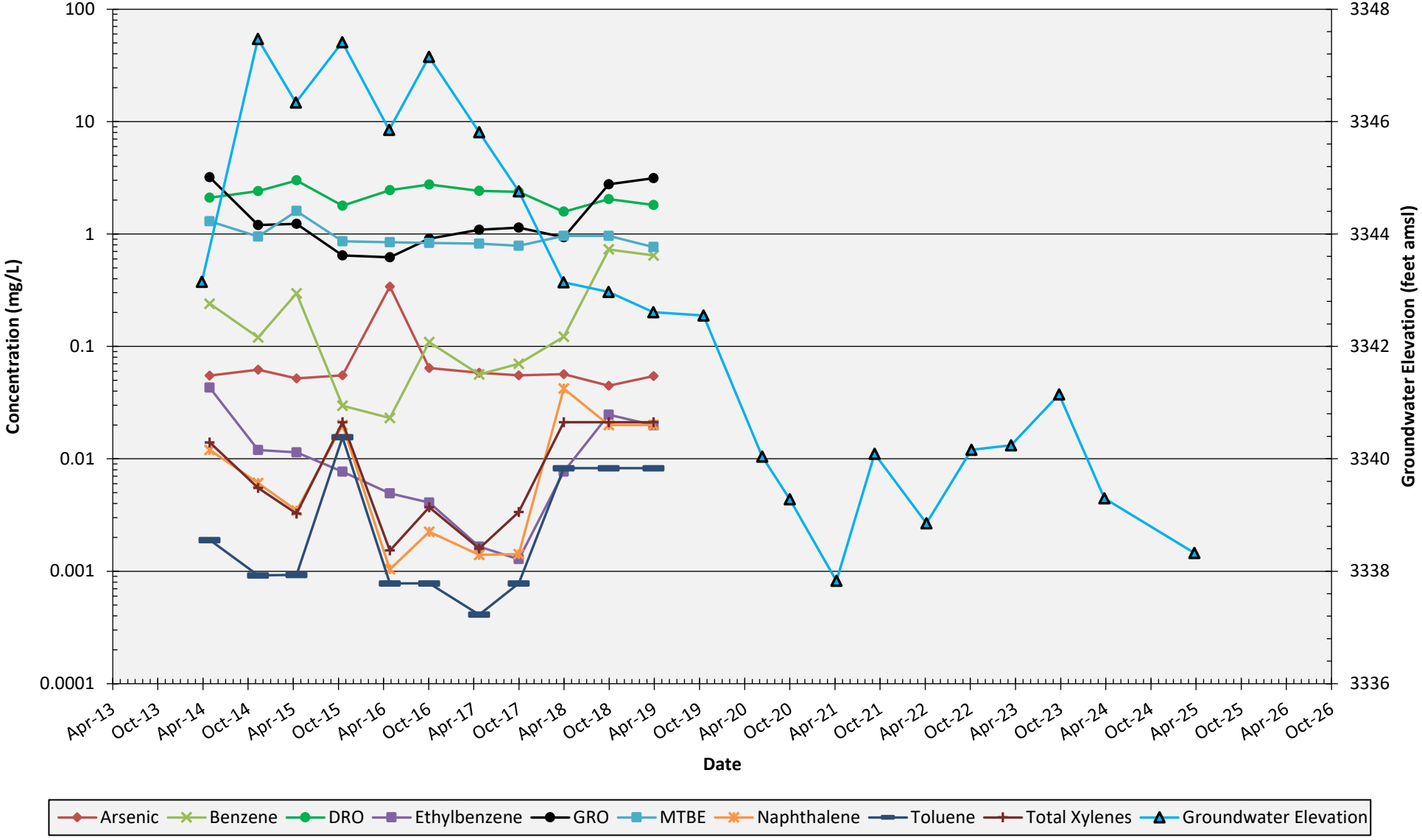


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-128: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

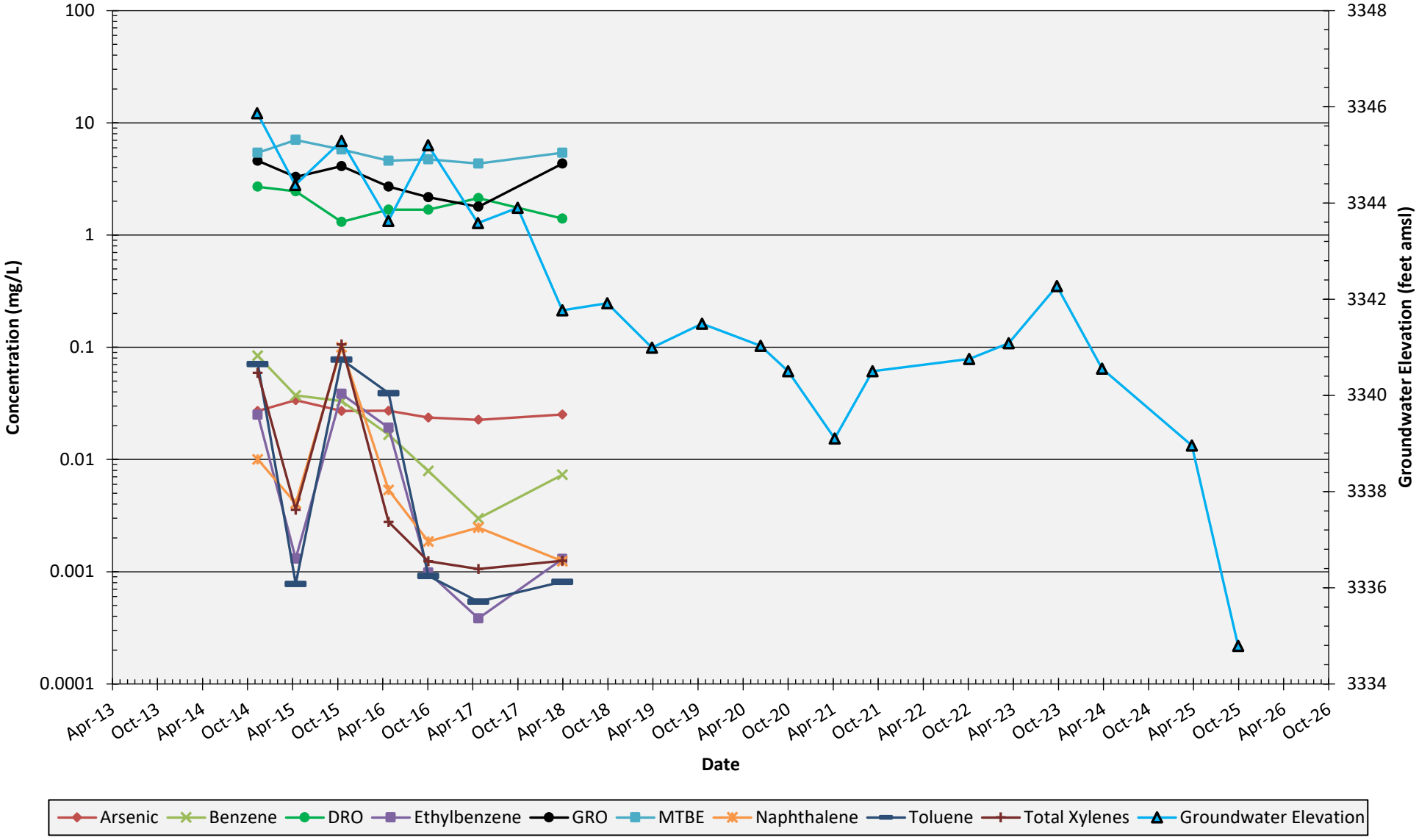


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-129: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

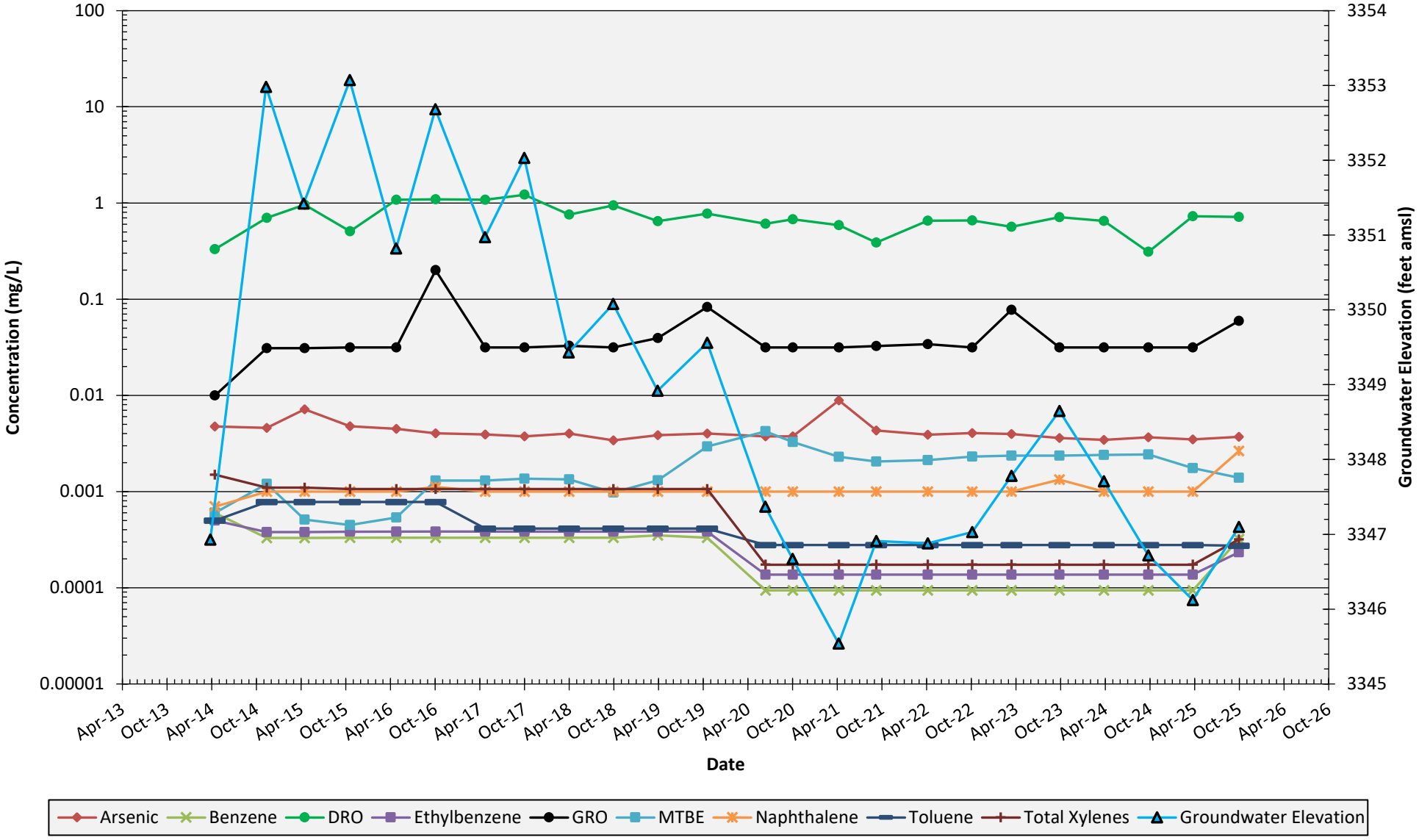


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-130: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

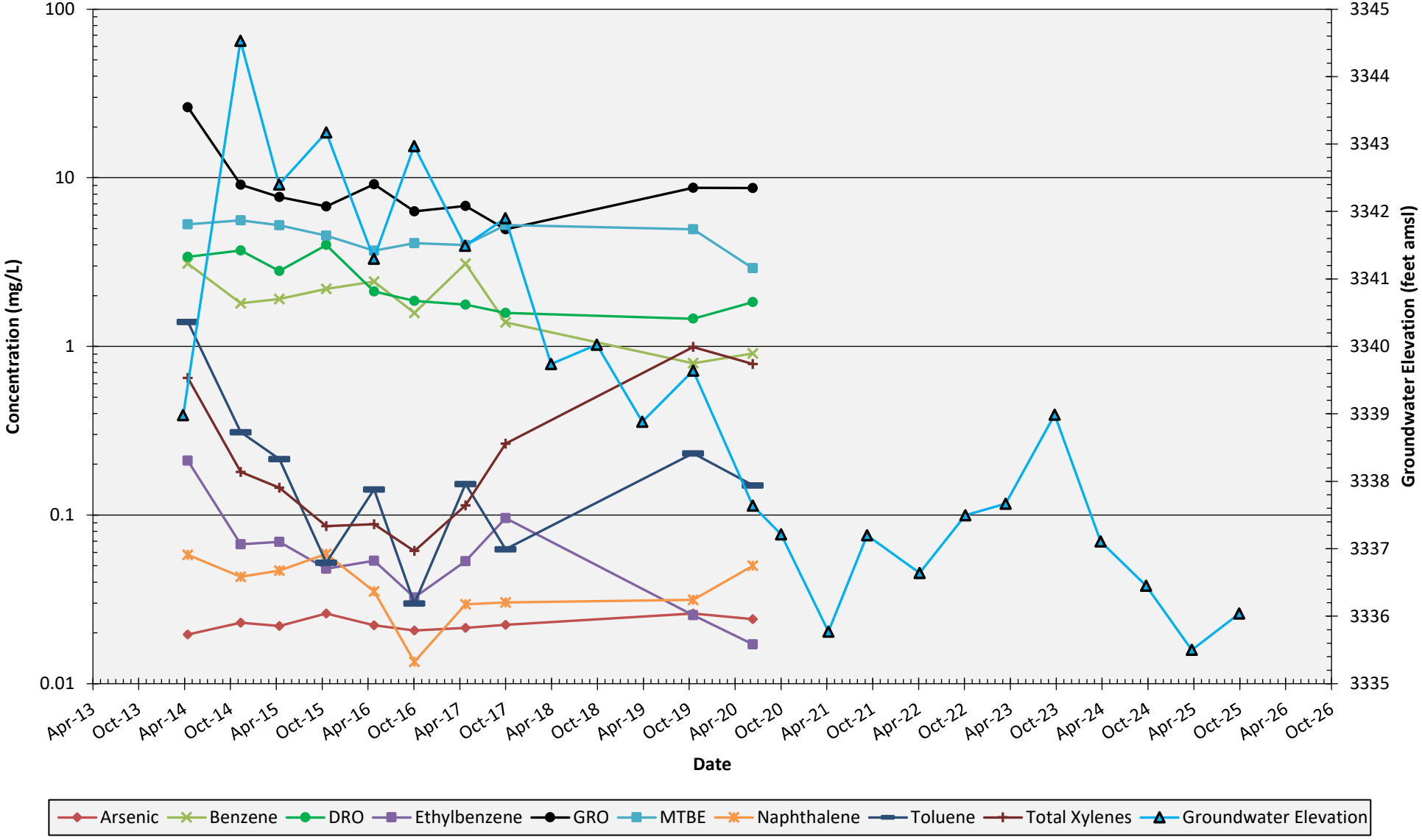


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-131: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

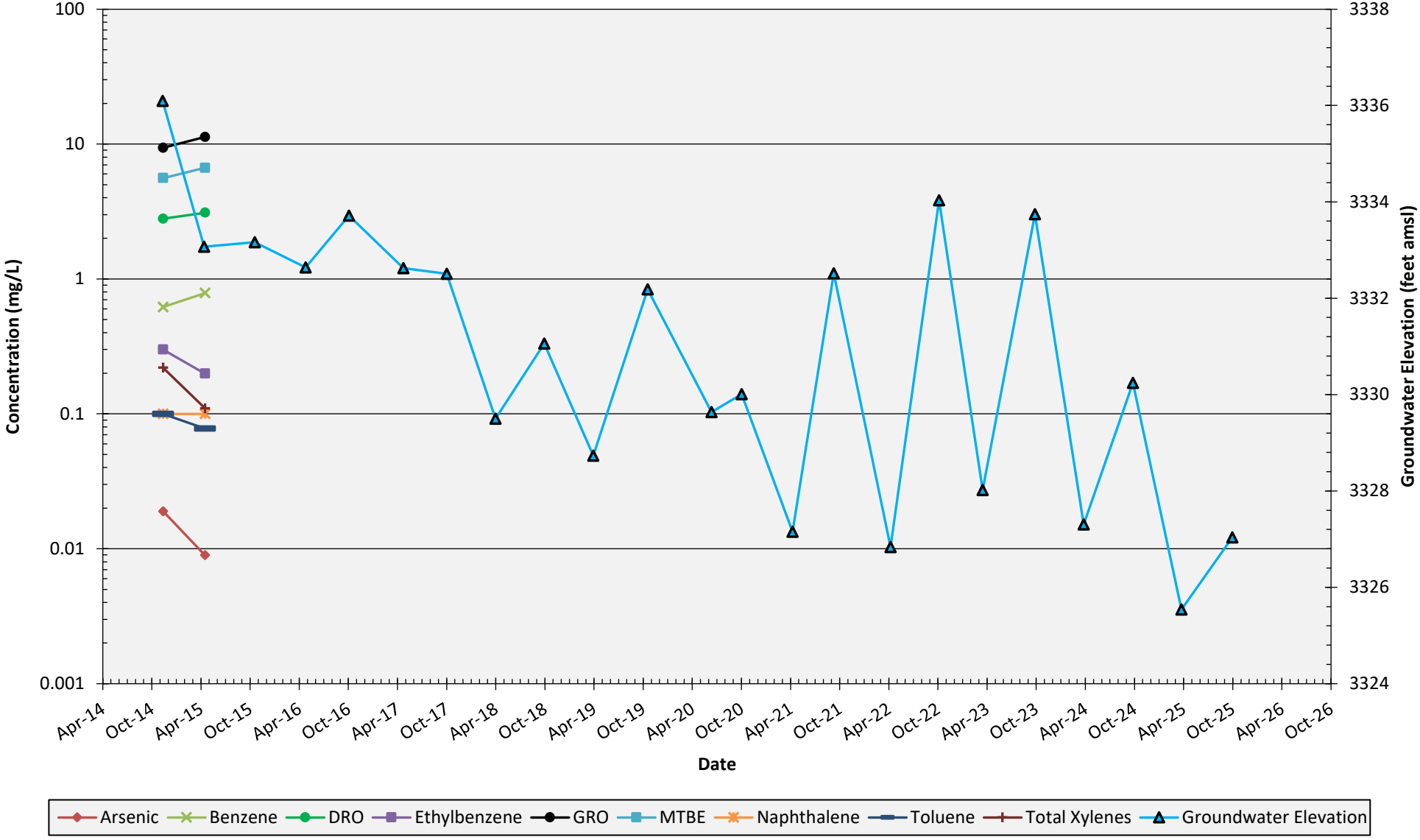


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-133: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

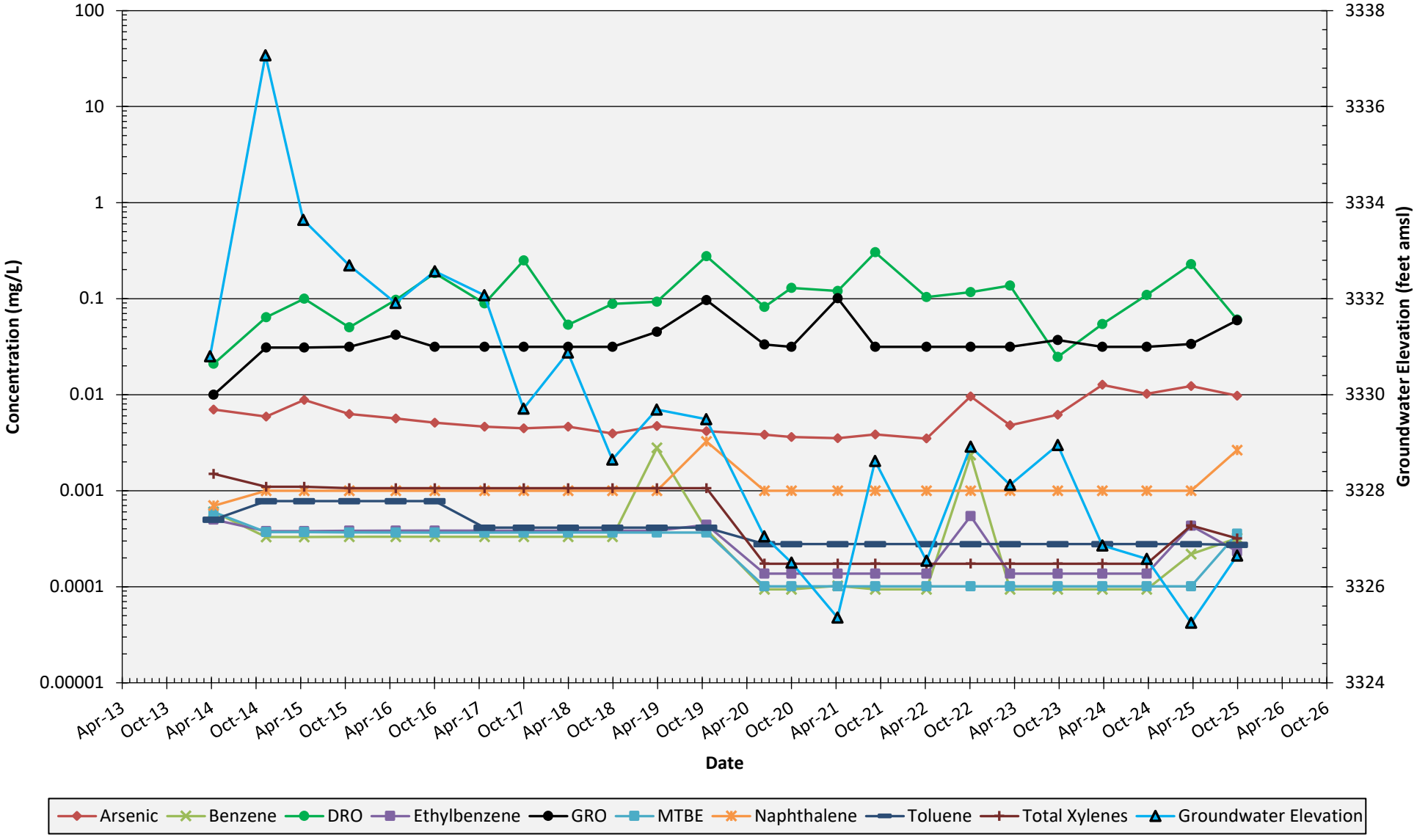


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-134: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

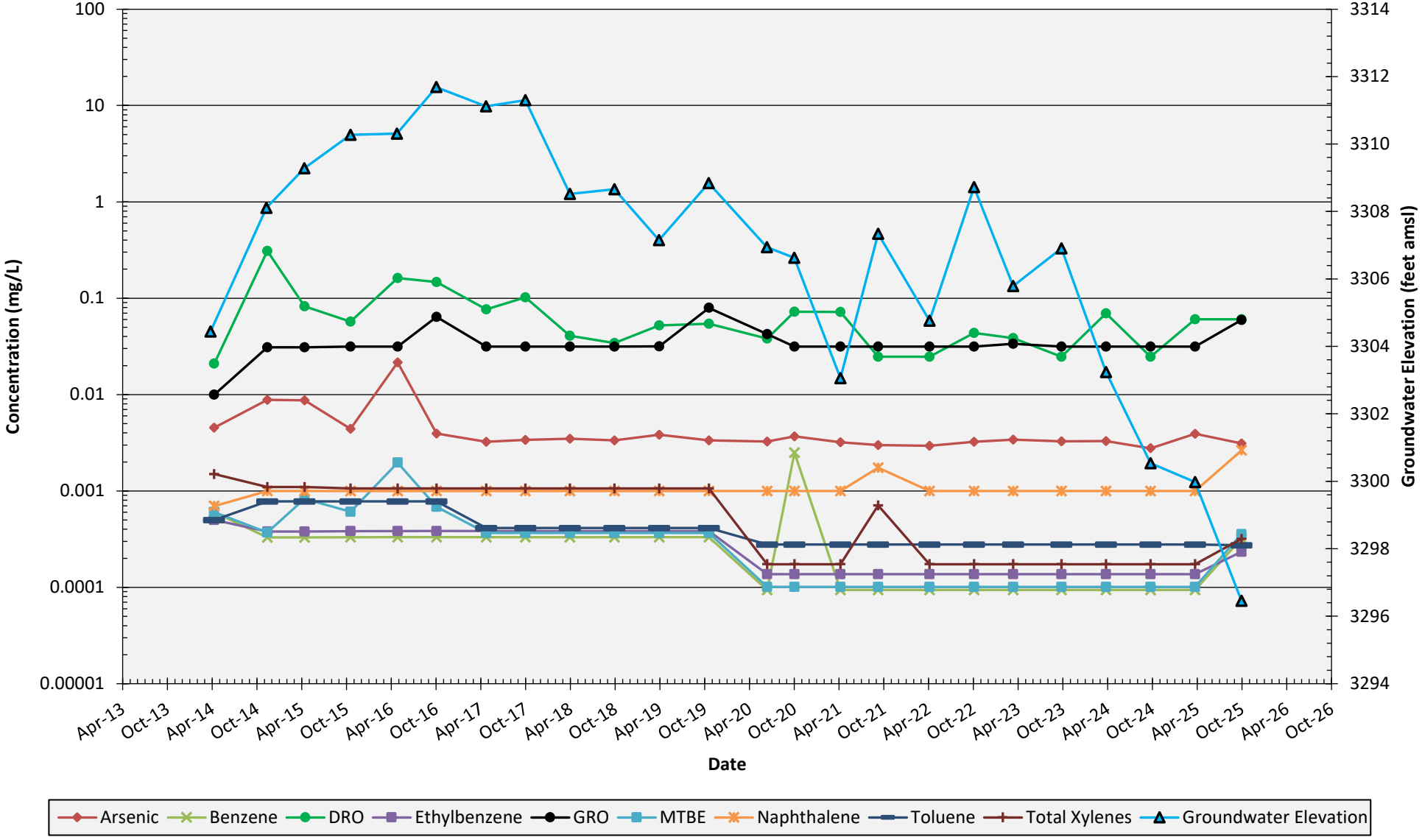


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-135: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

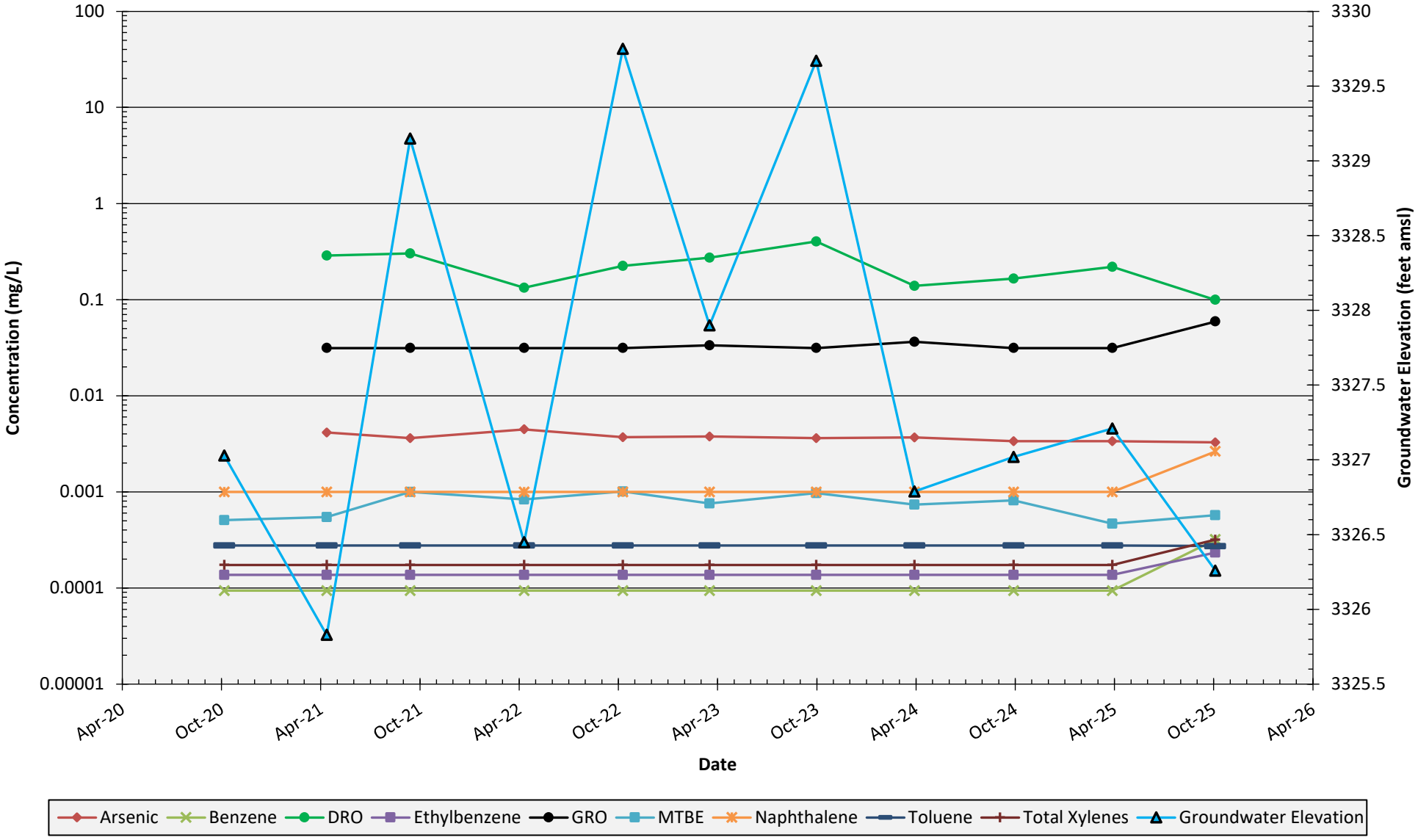


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-145: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

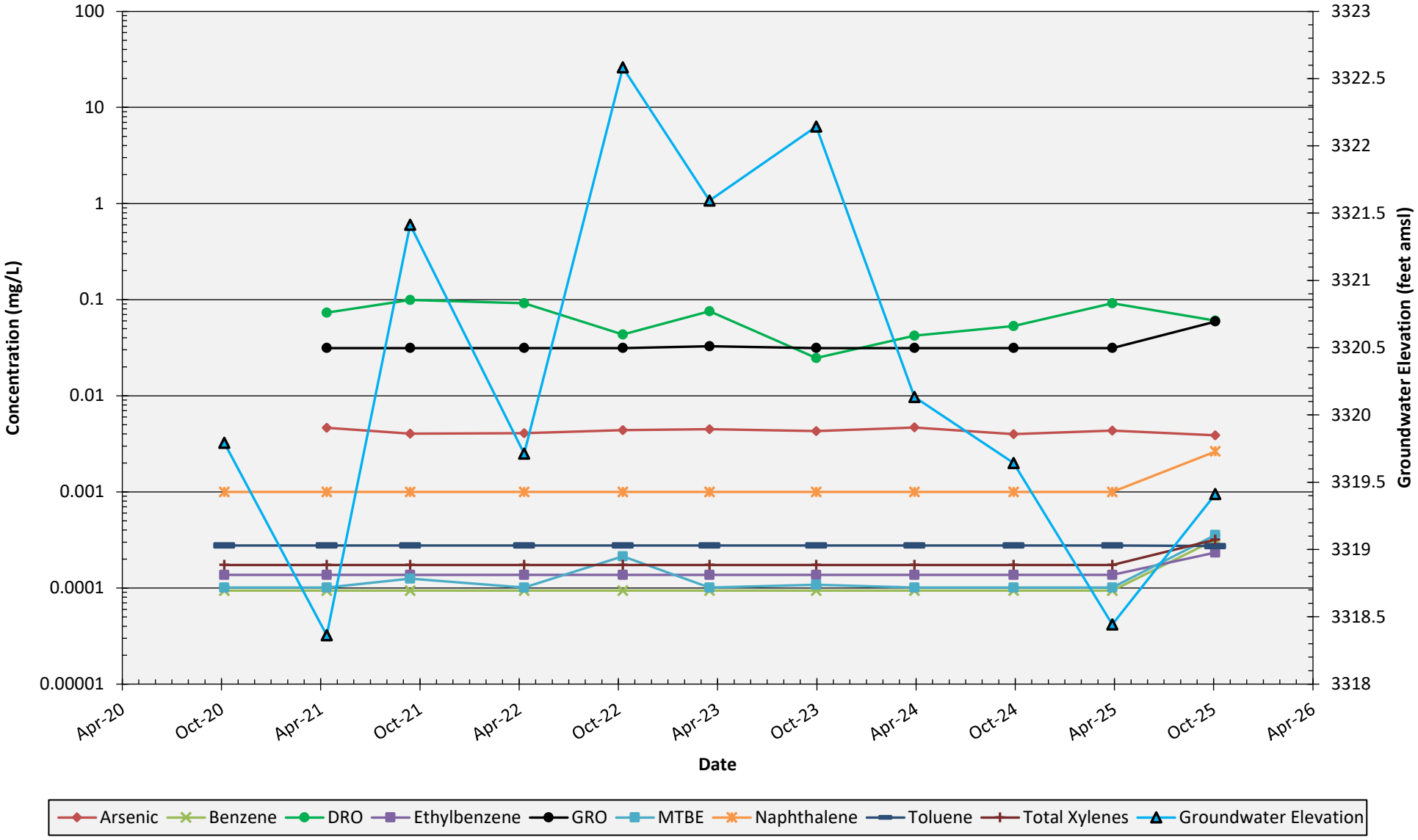


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-146: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

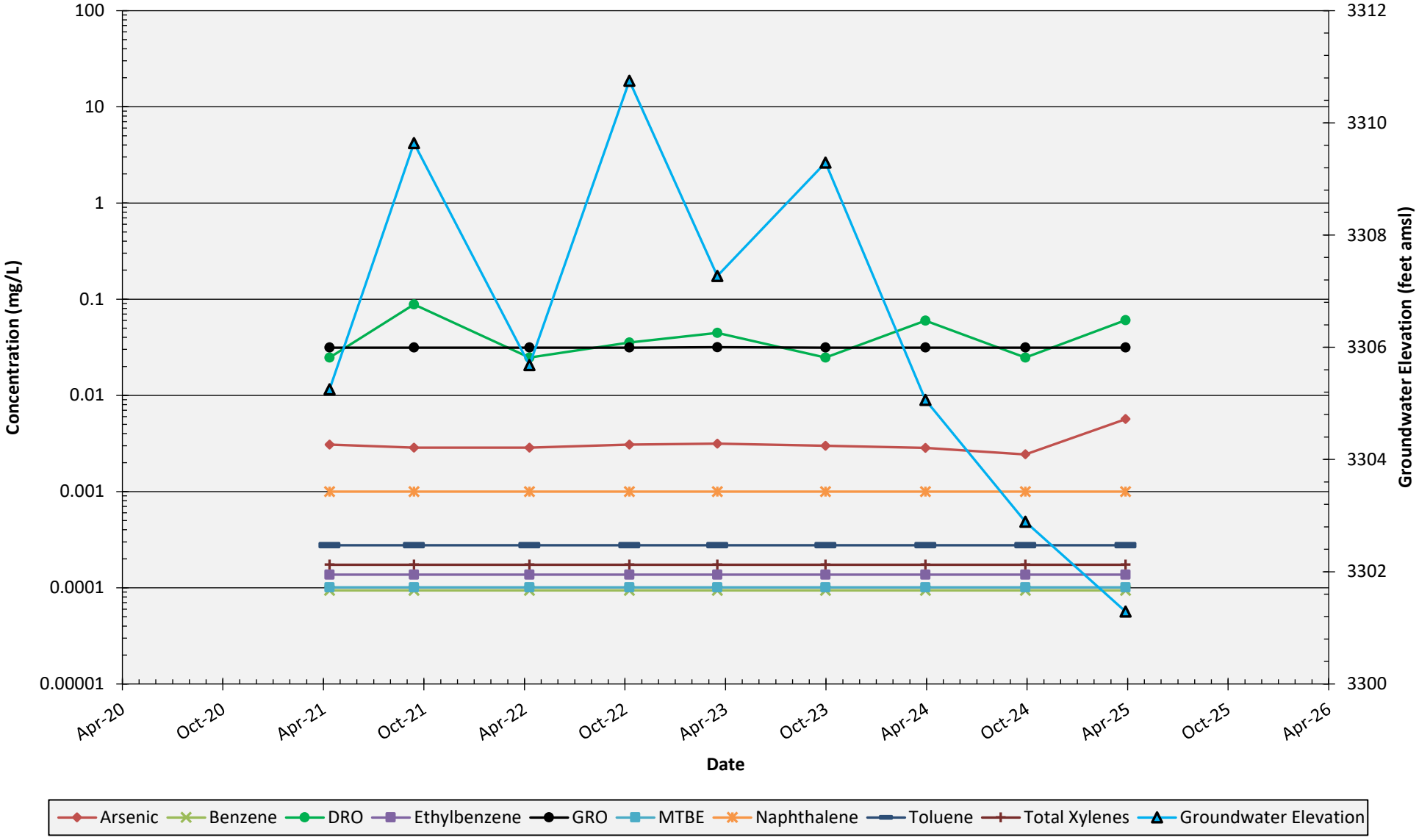


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-147: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

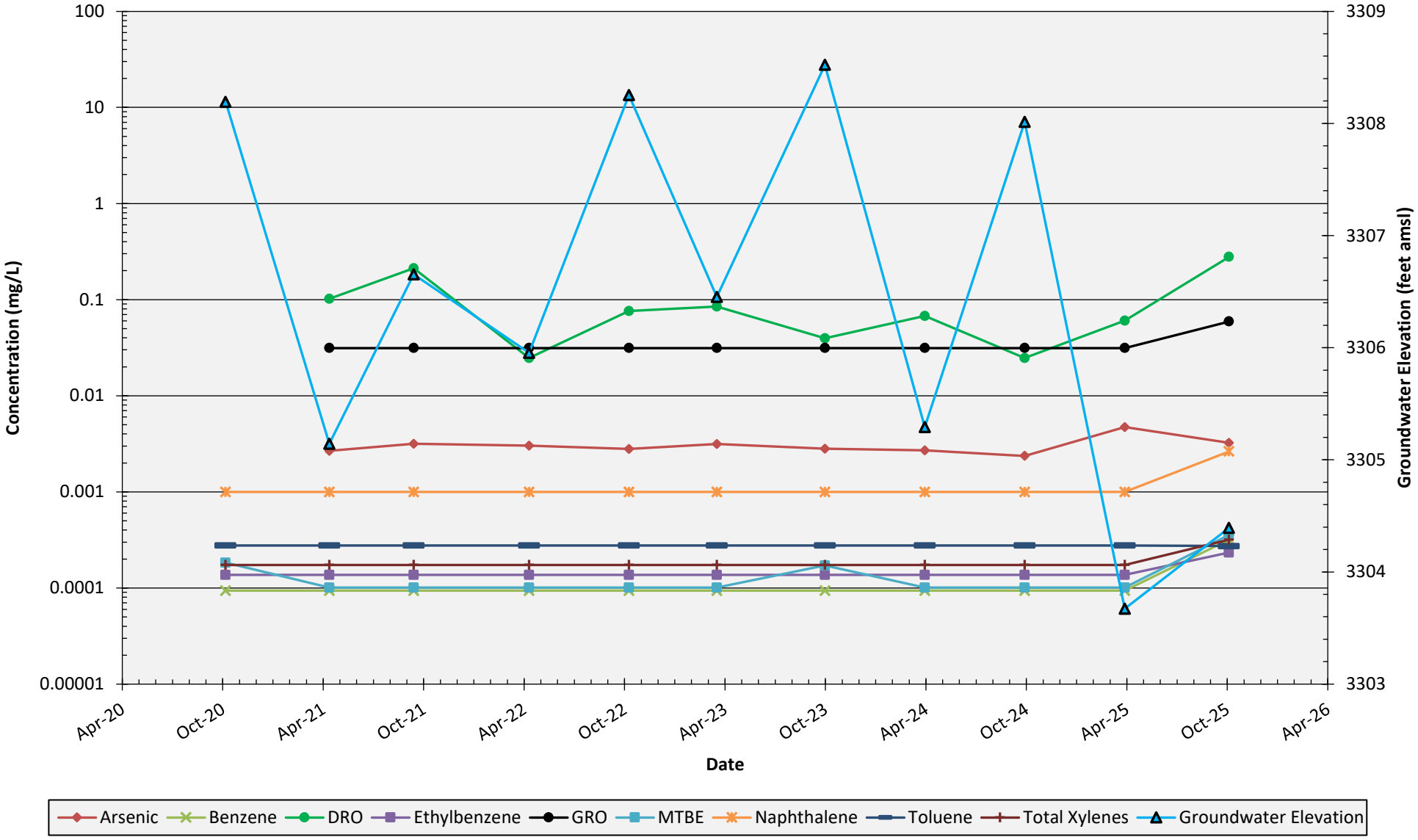


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-148: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

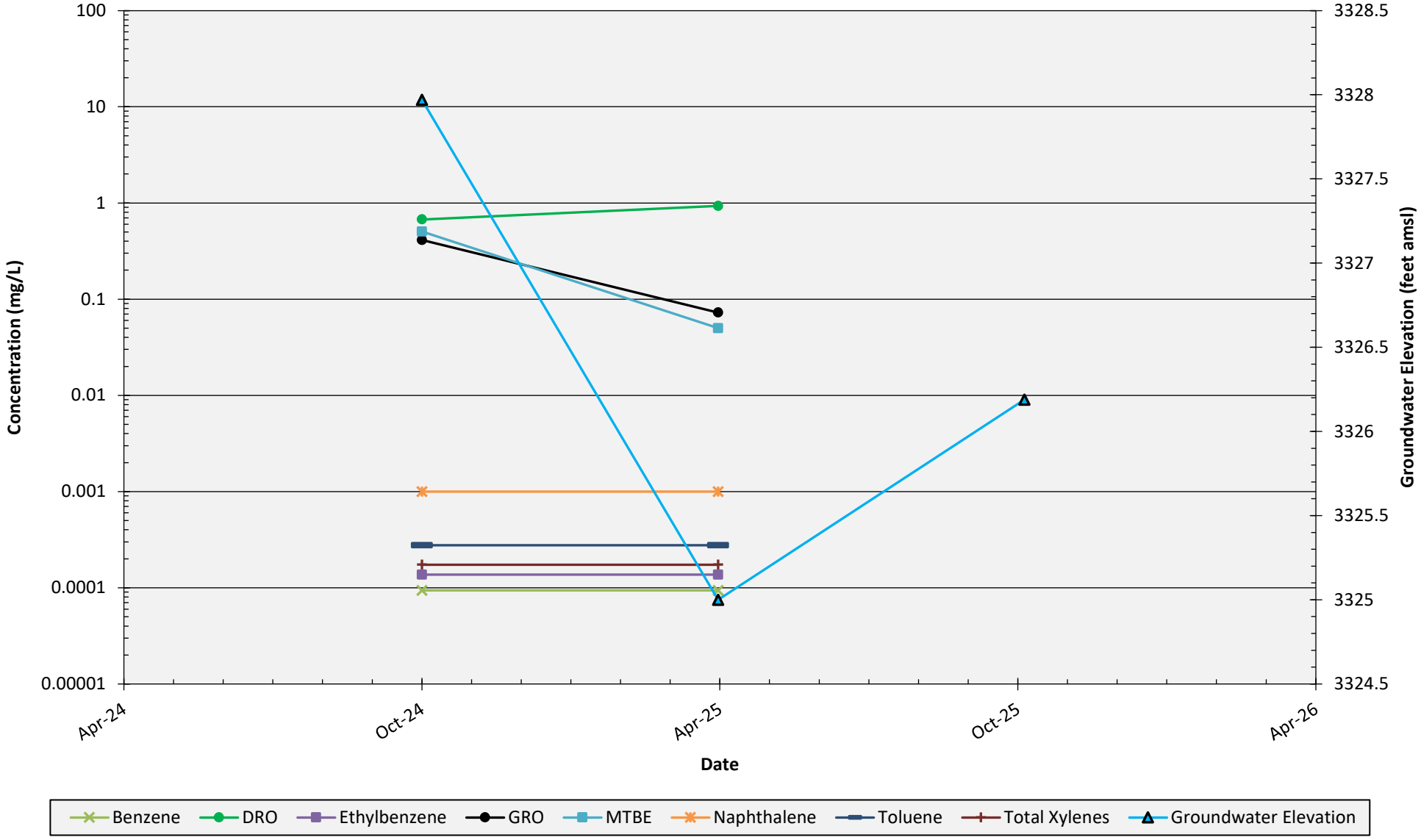


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-151: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

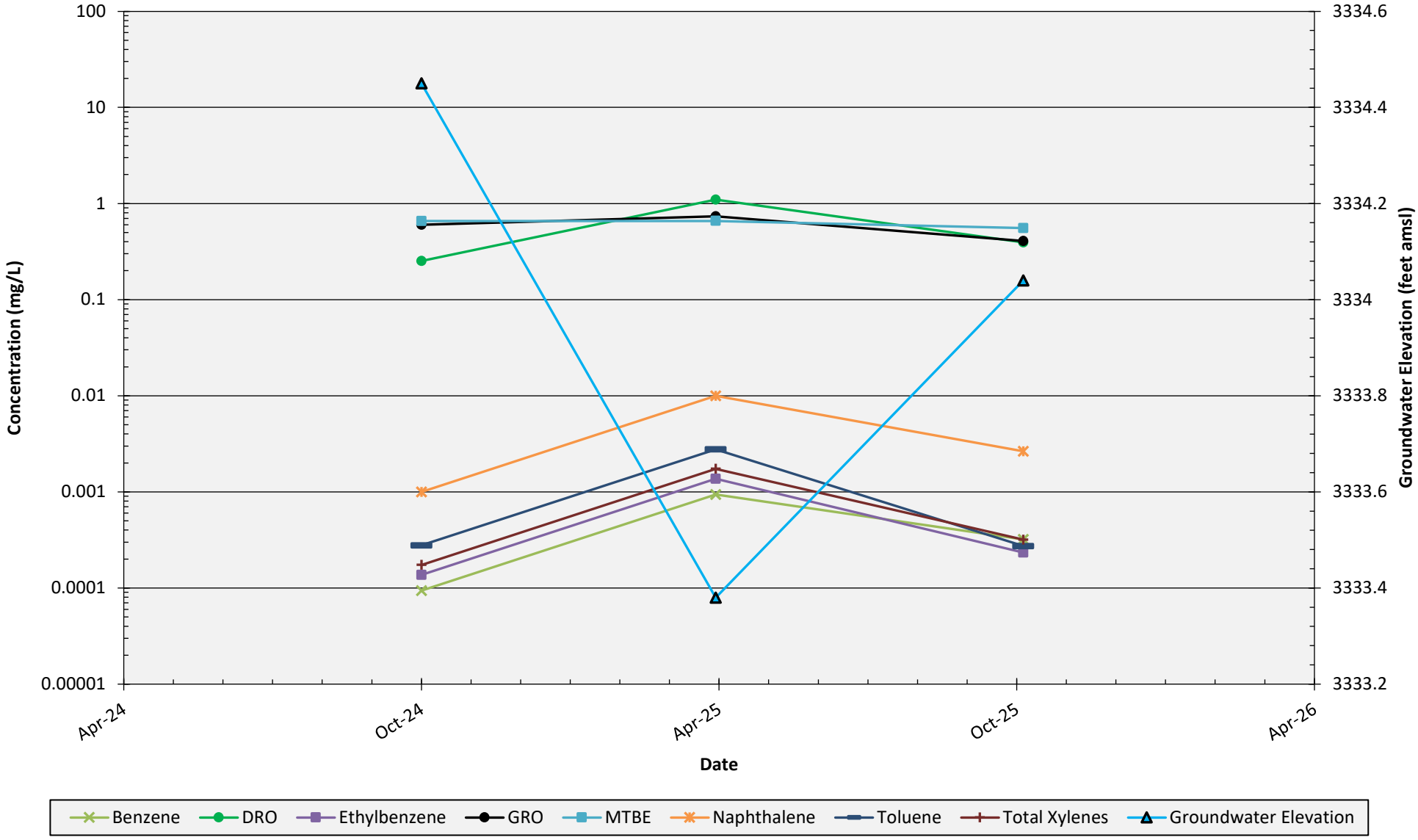


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-160: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

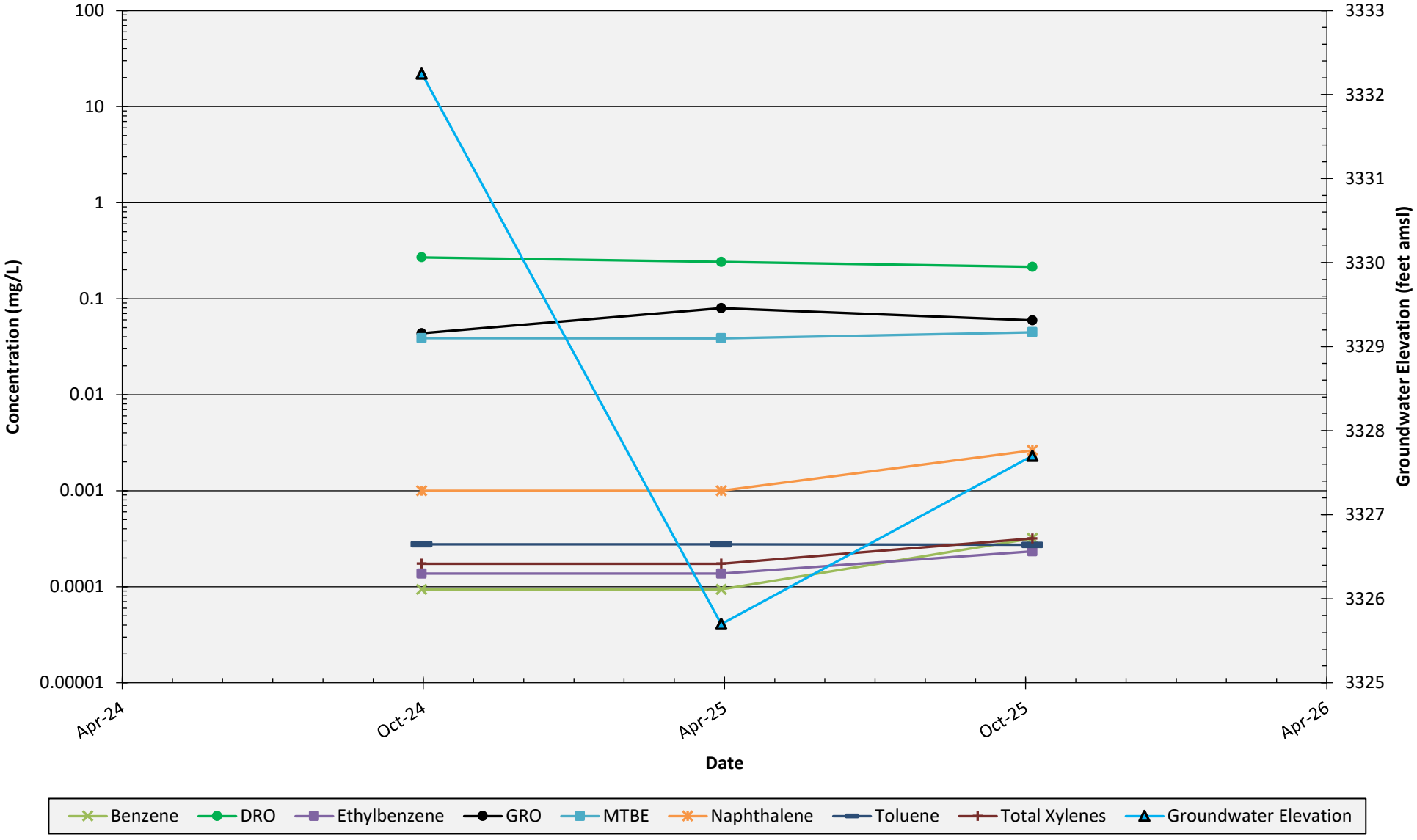


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-161: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

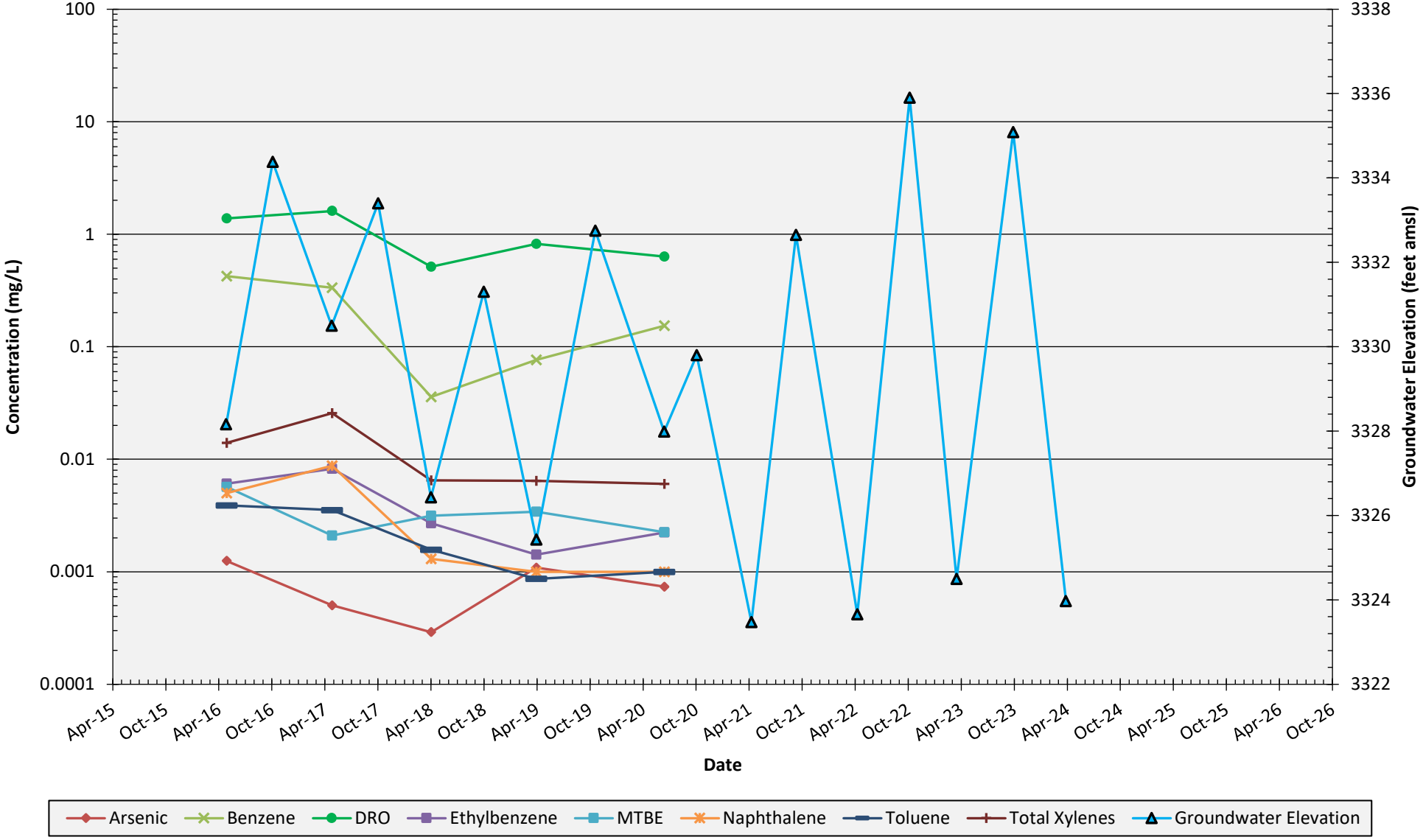


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-12R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

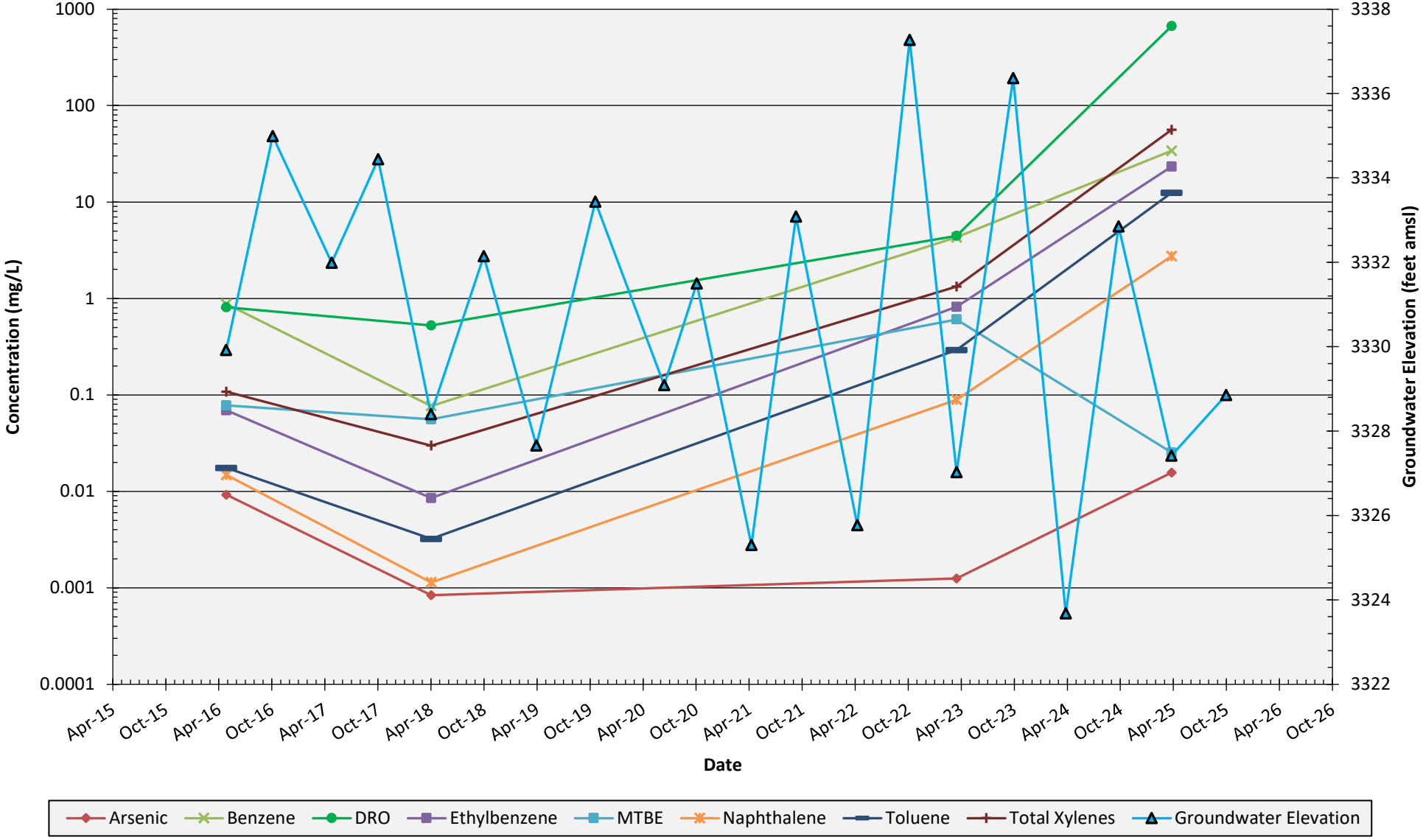


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-13R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

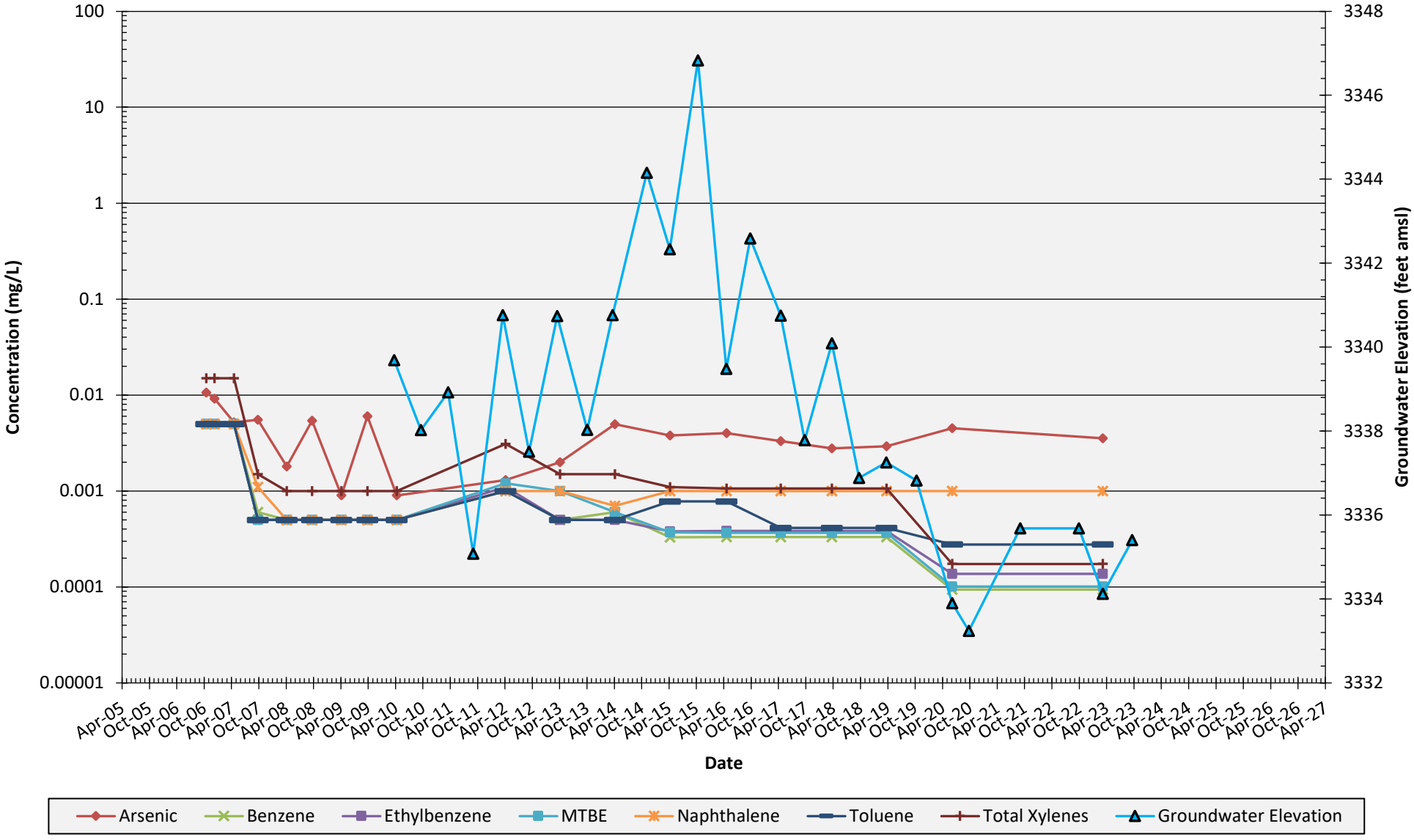


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-18: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery

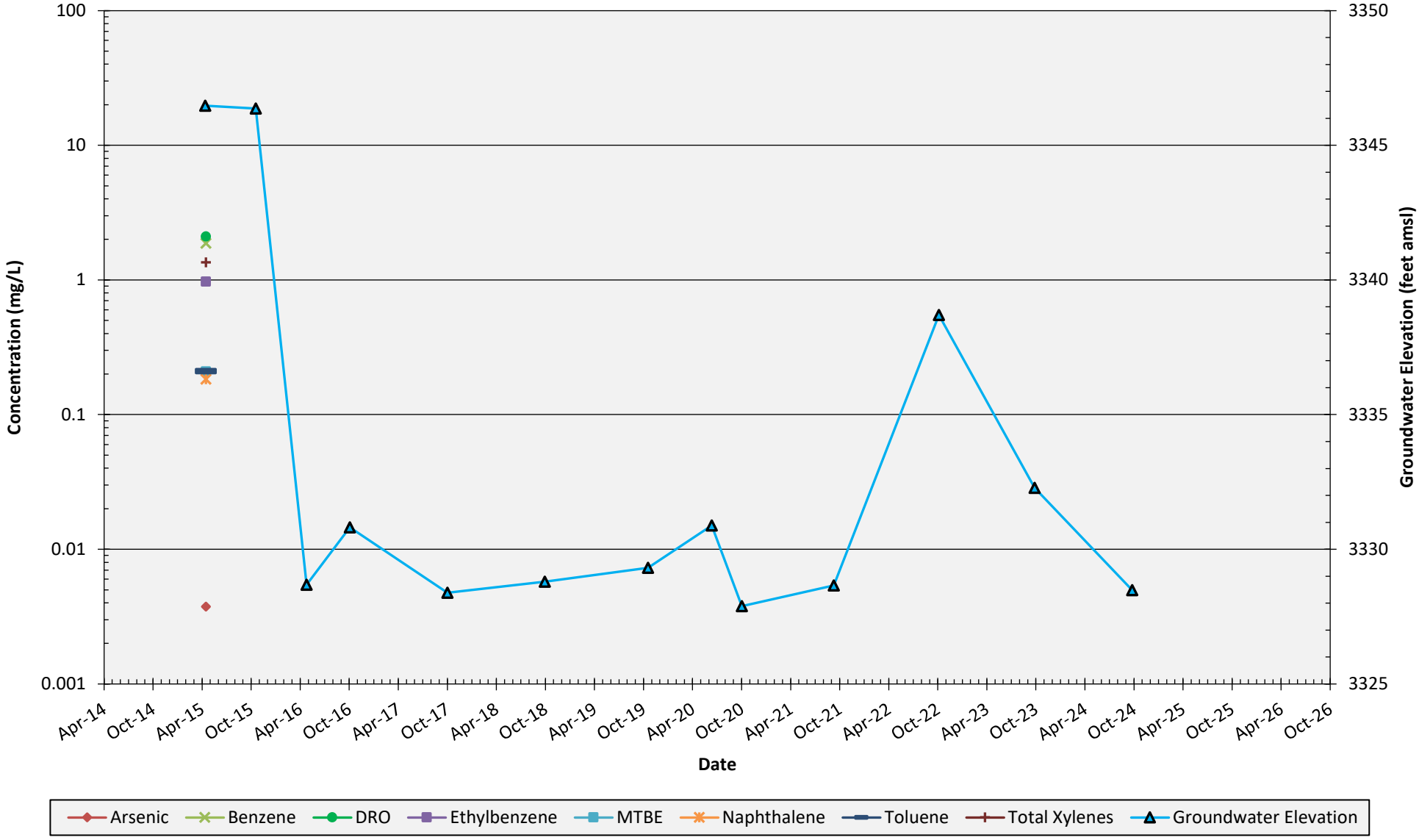


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-20B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery



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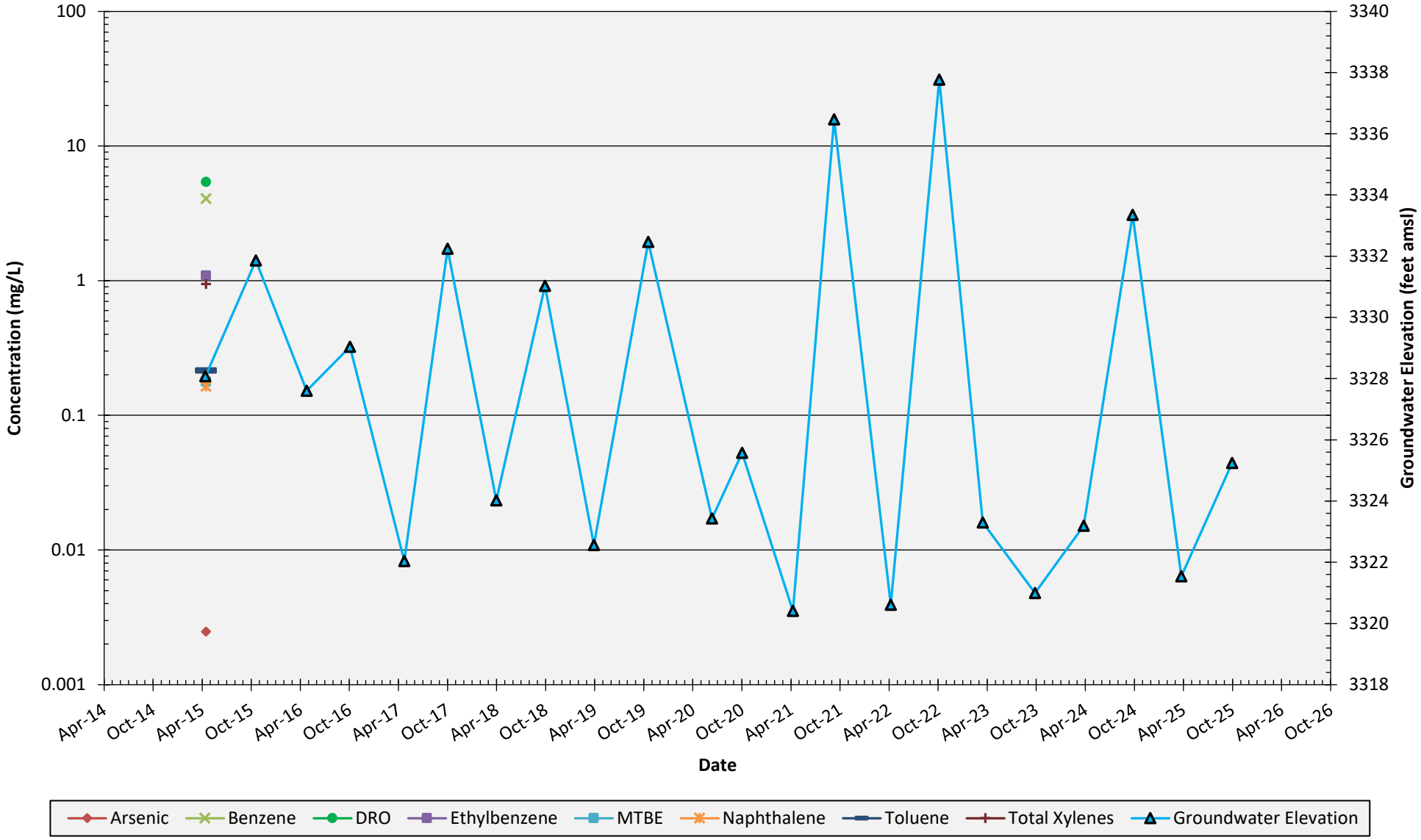
RW-22: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Field East of Refinery



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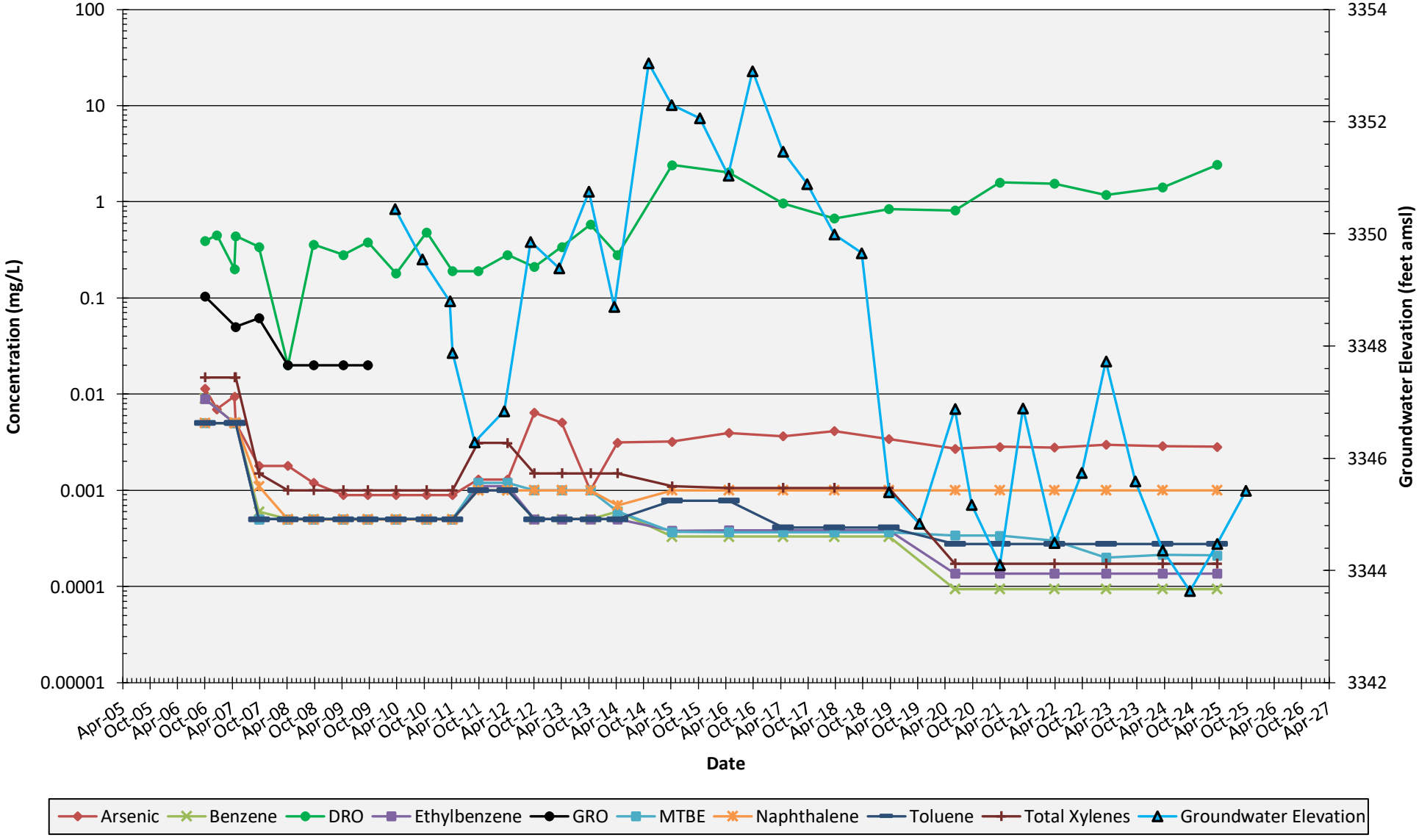
Received by OCD: 6/15/2026 7:23:14 PM

MW-18: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm

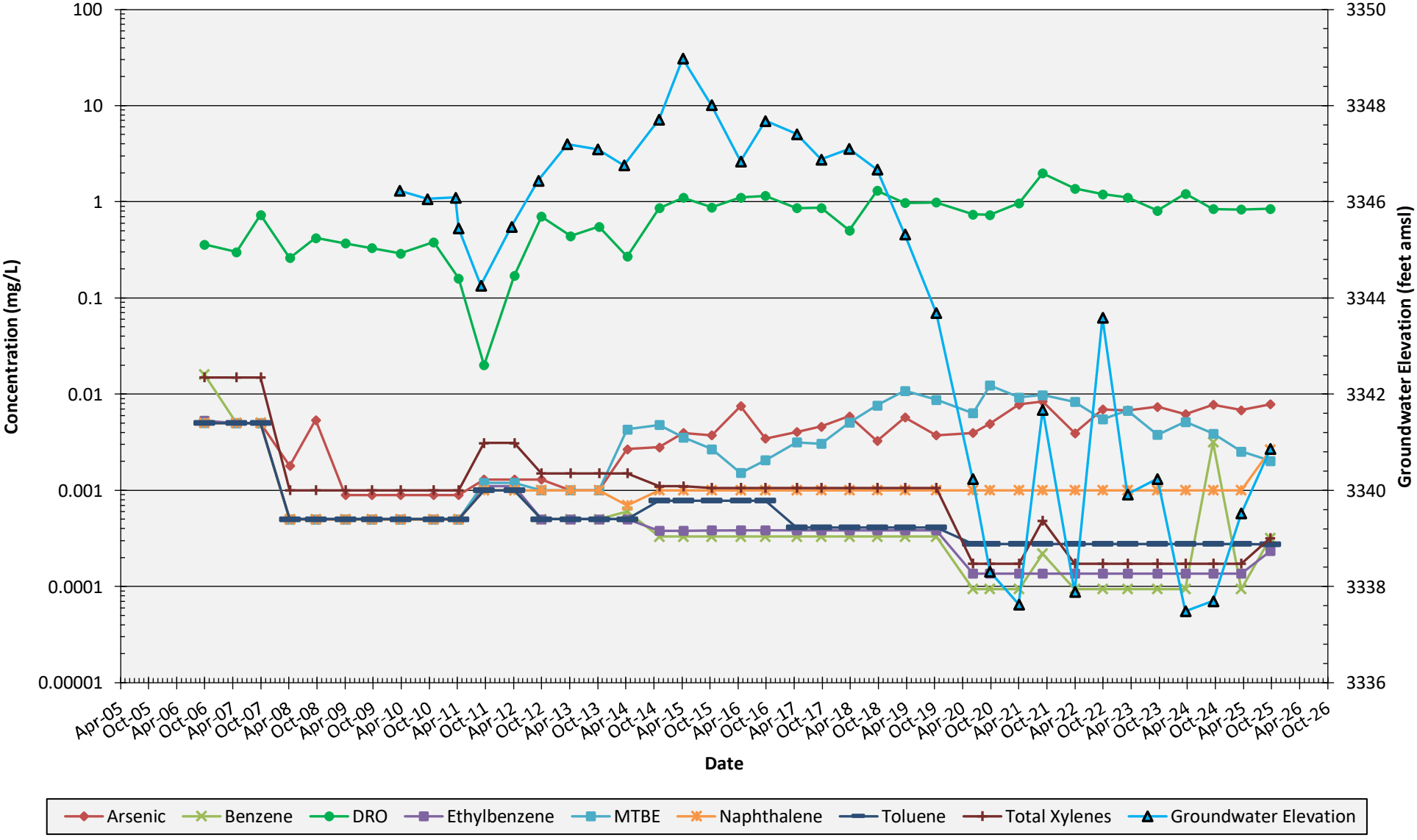


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-45: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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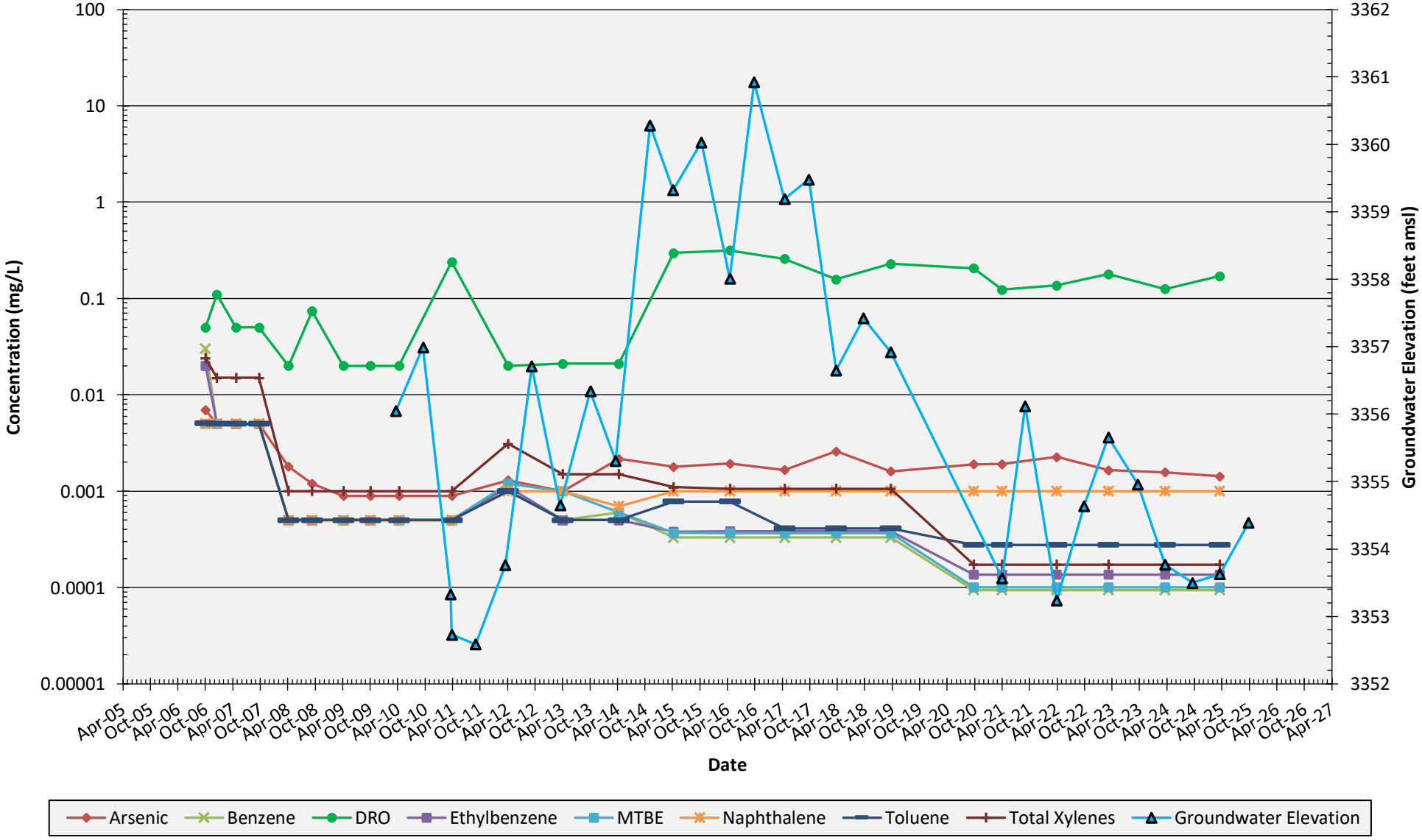
Received by OCD: 6/15/2026 7:23:14 PM

MW-53 & MW-53R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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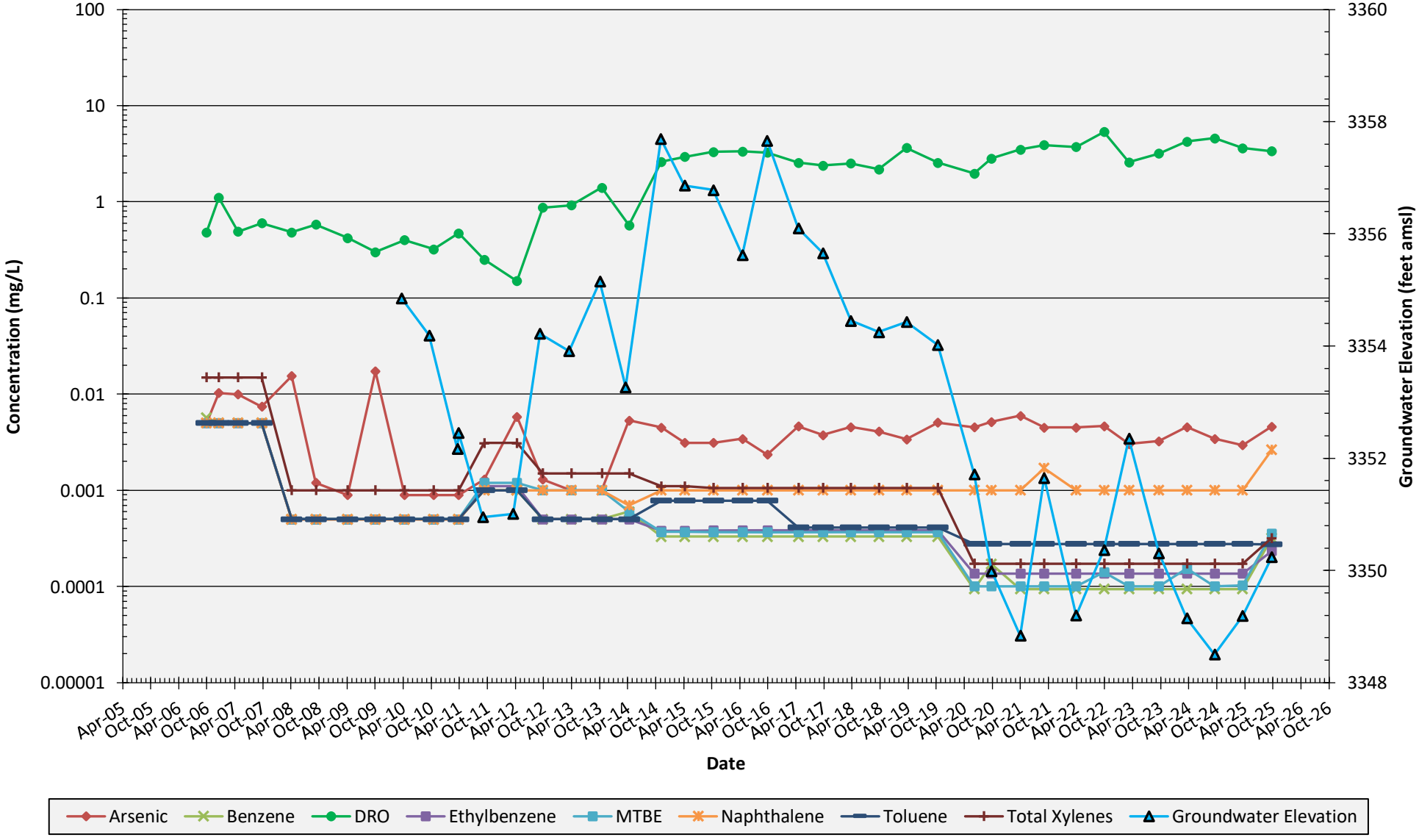
MW-54A: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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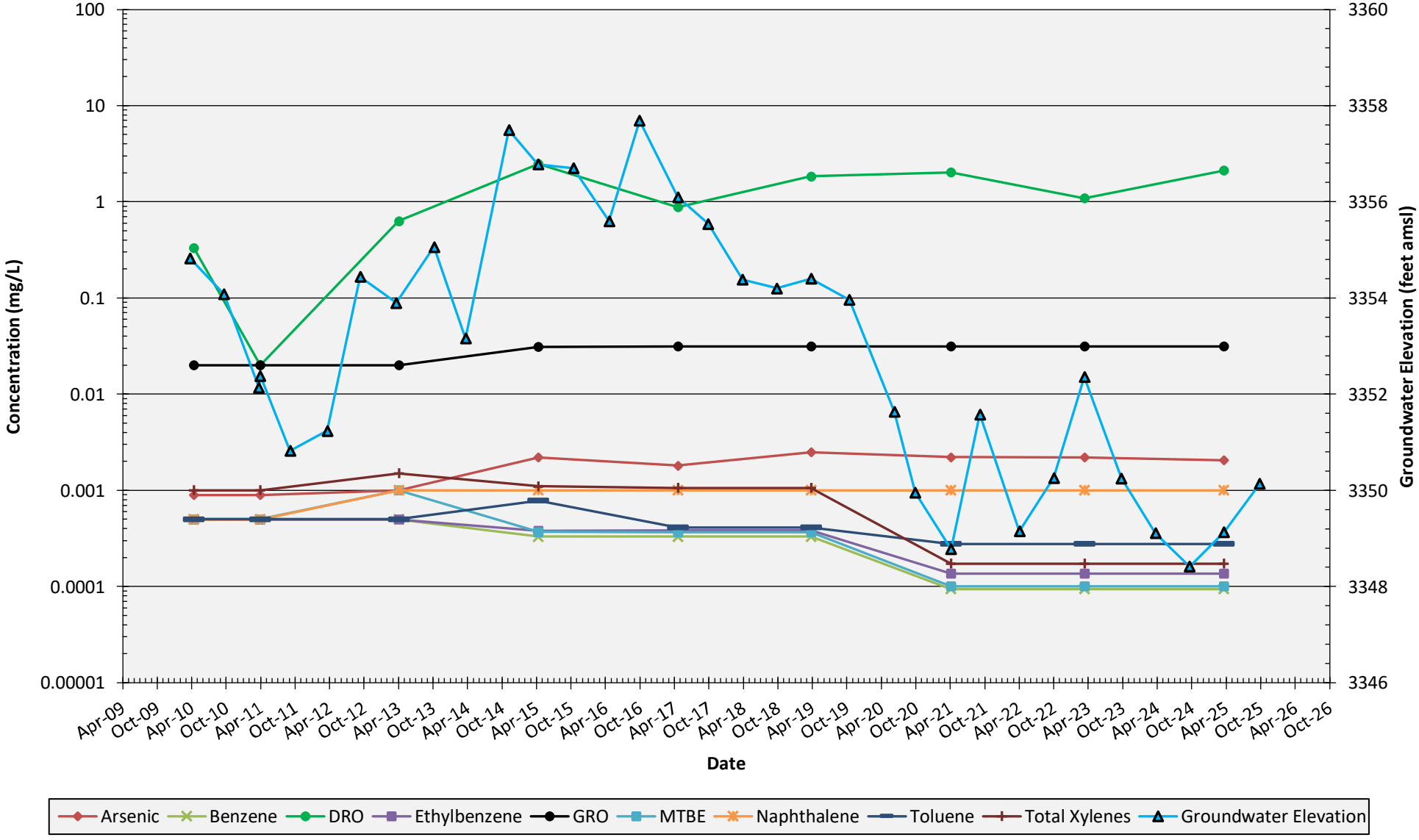
Received by OCD: 6/15/2026 7:23:14 PM

MW-54B: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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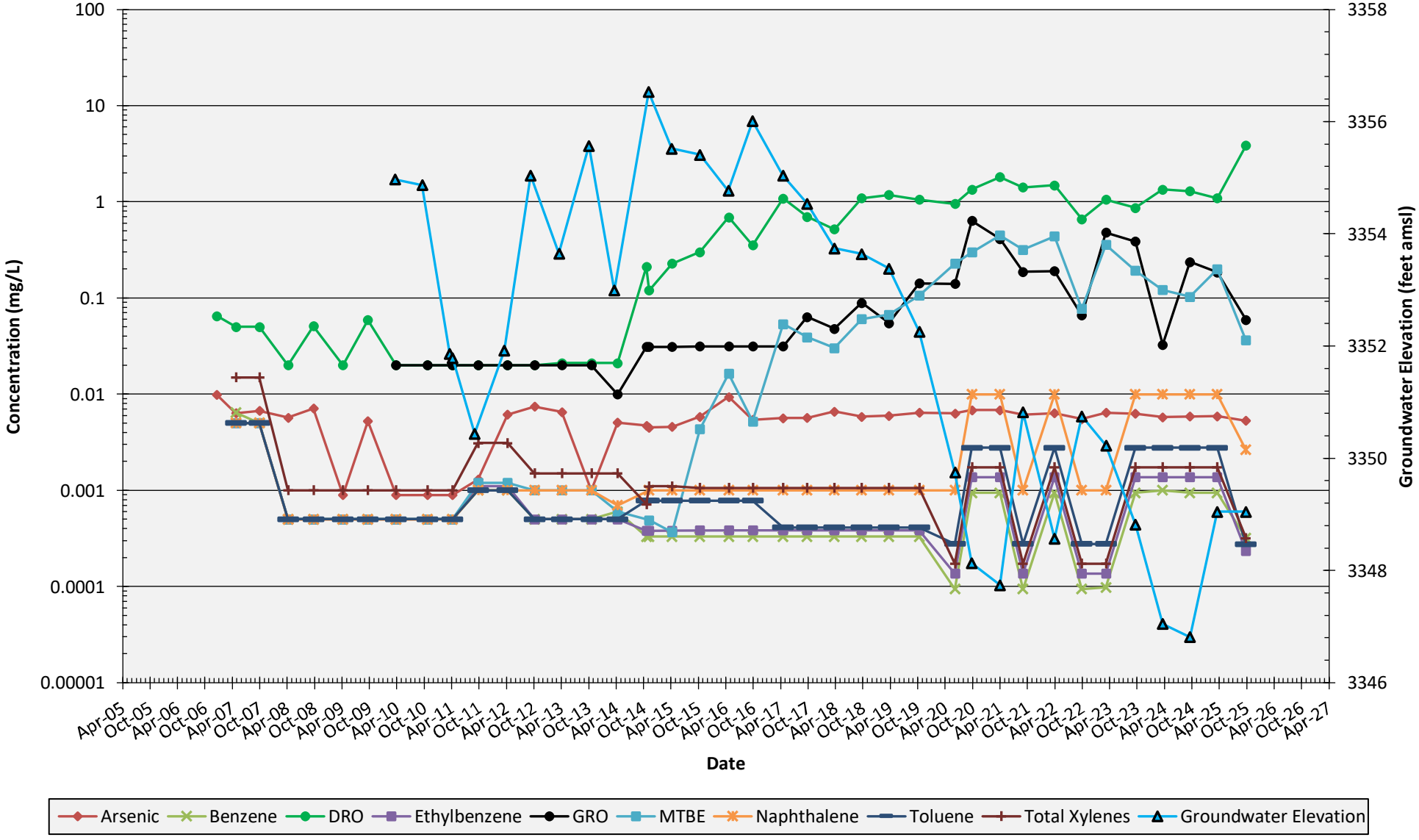
Received by OCD: 6/15/2026 7:23:14 PM

MW-55: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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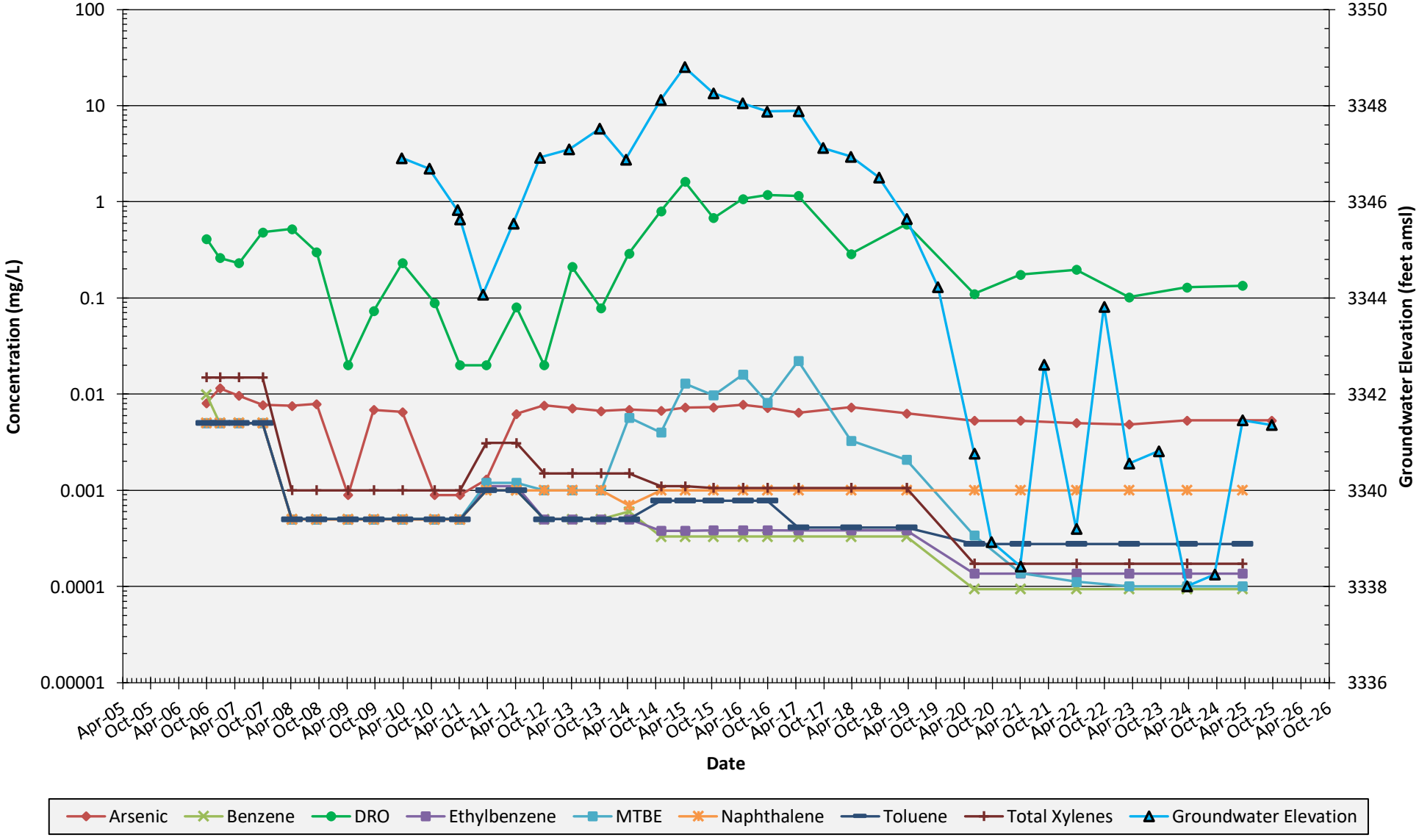
Received by OCD: 6/15/2026 7:23:14 PM

MW-56: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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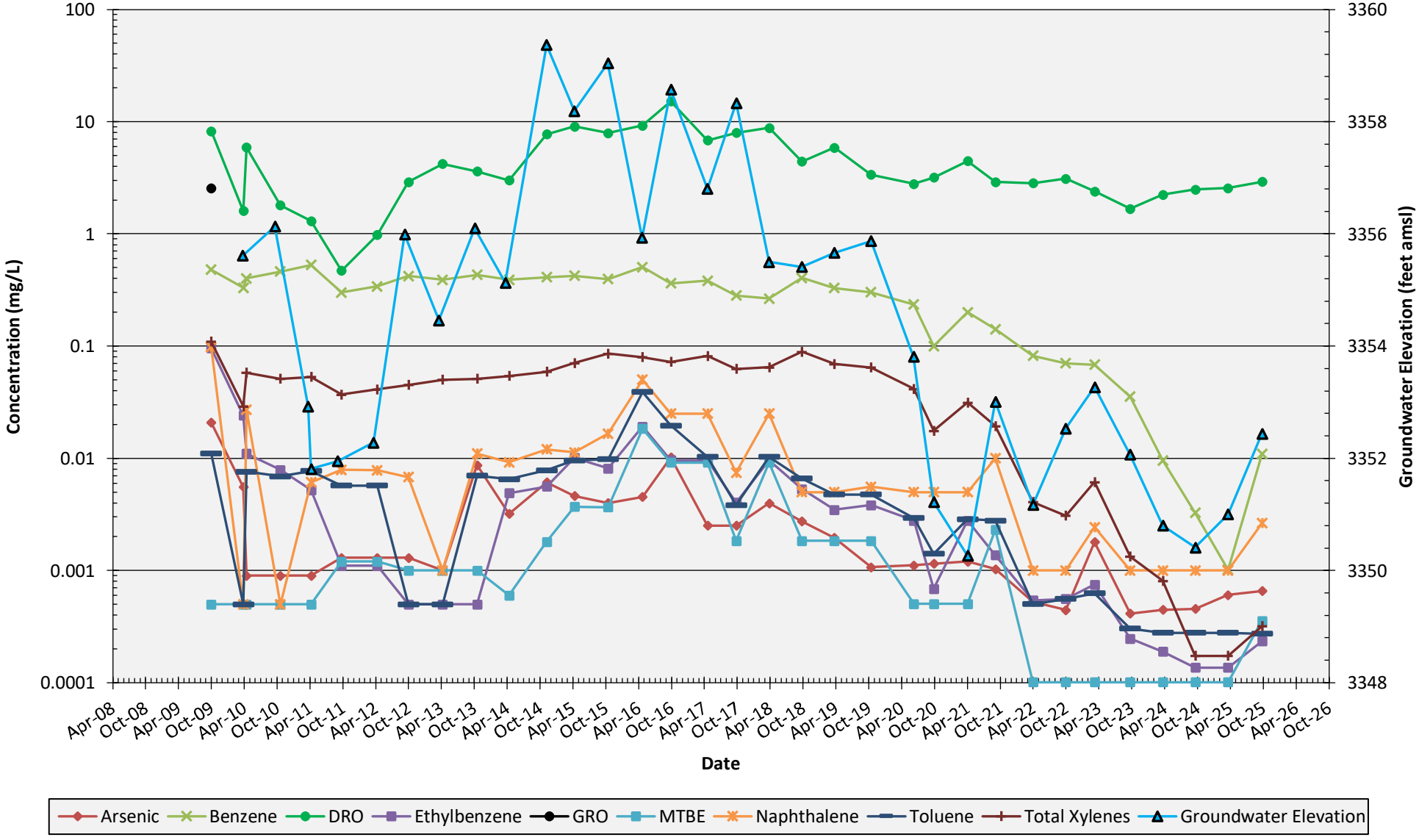
Received by OCD: 6/15/2026 7:23:14 PM

MW-108: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm

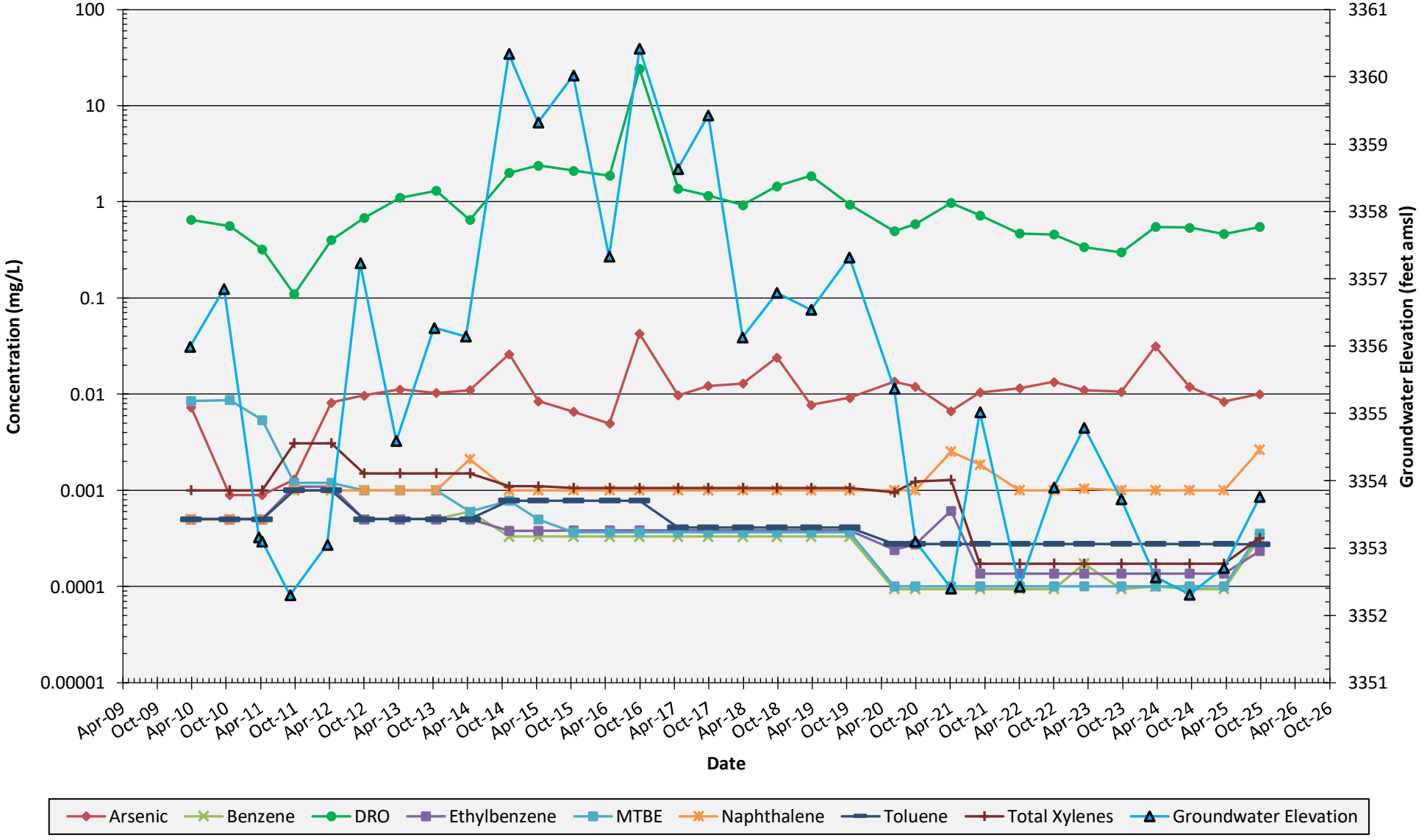


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

NCL-31: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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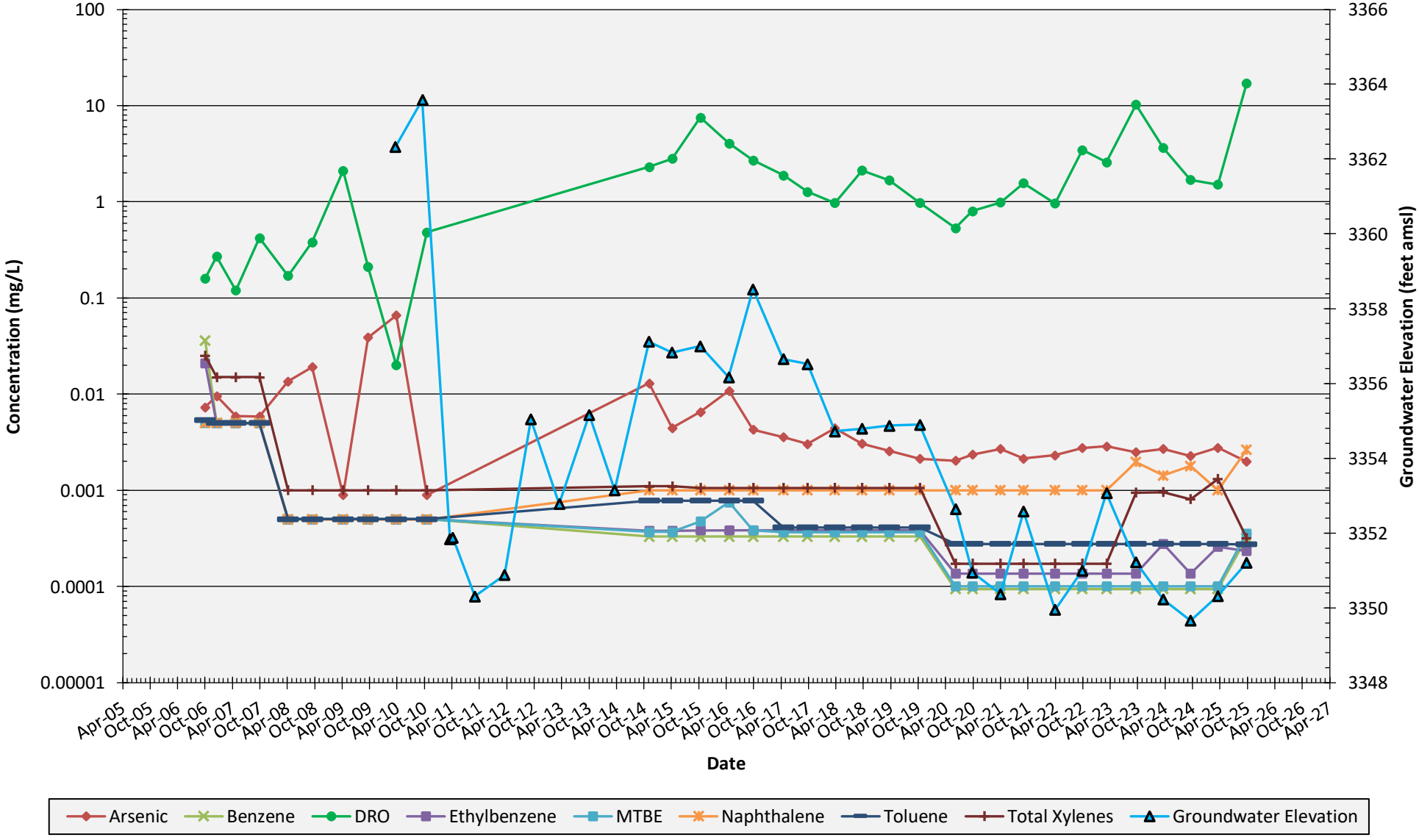
Received by OCD: 6/15/2026 7:23:14 PM

NCL-32: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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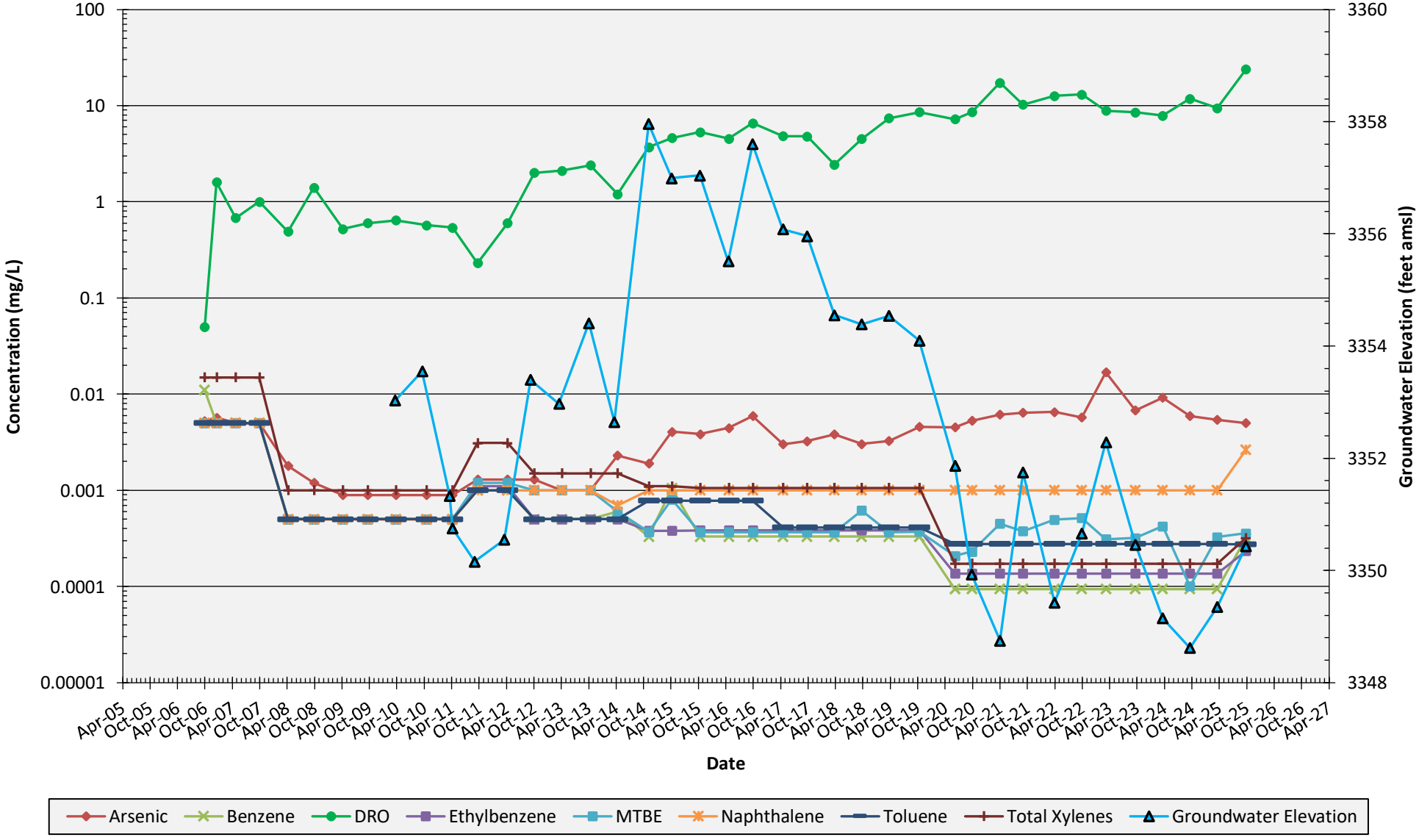
Received by OCD: 6/15/2026 7:23:14 PM

NCL-33: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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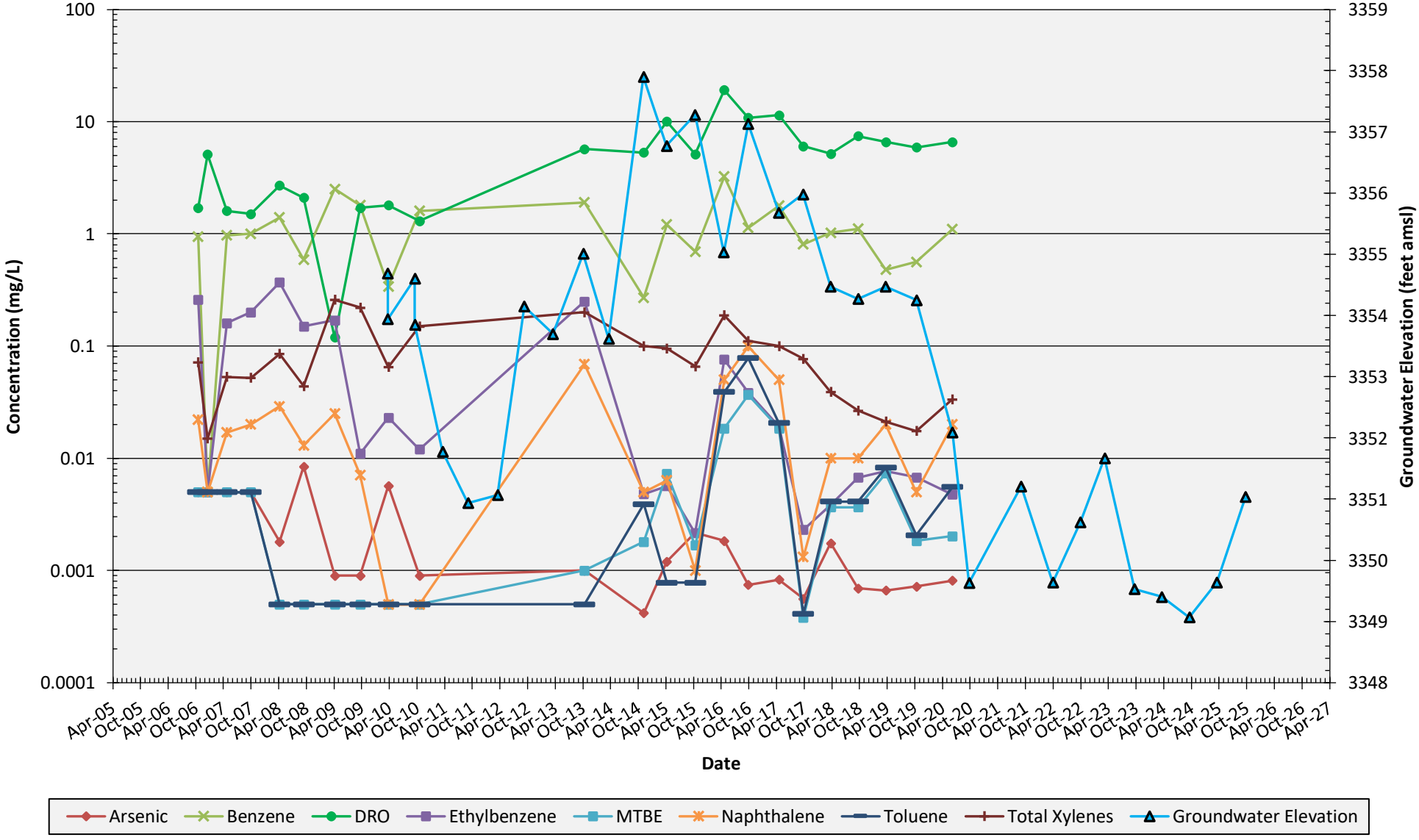
NCL-34: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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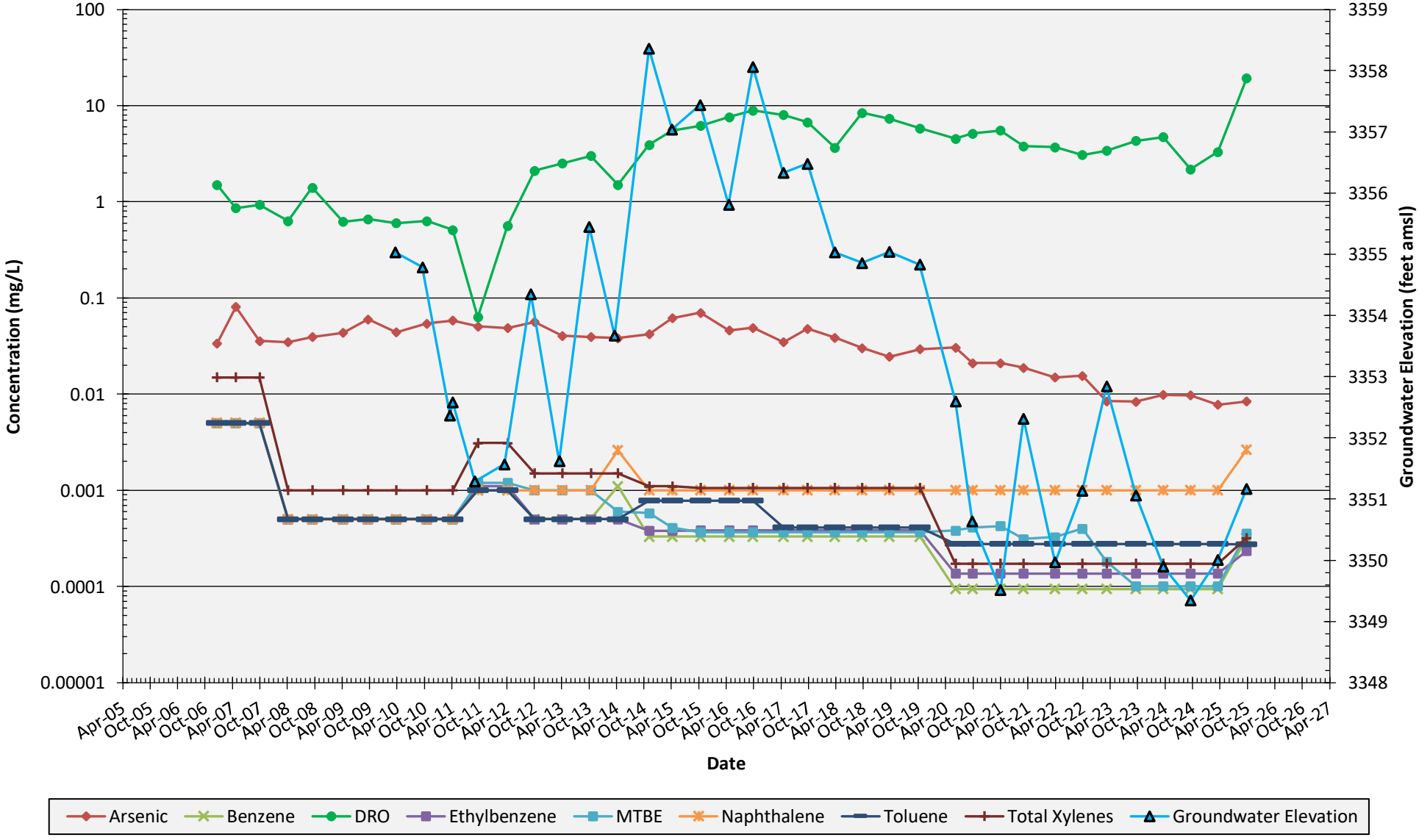
Received by OCD: 6/15/2026 7:23:14 PM

NCL-44: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm



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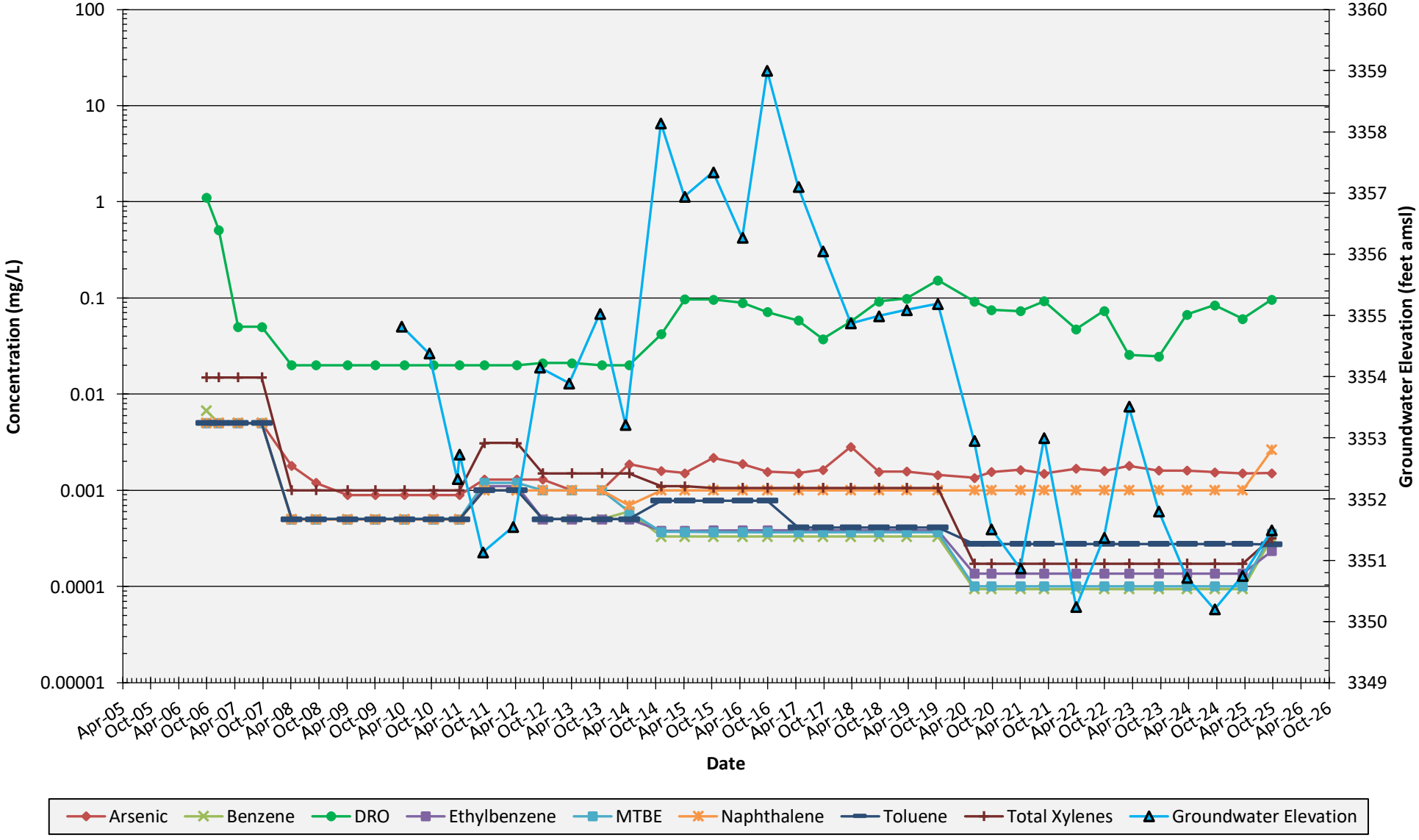
NCL-49: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Colony Landfarm

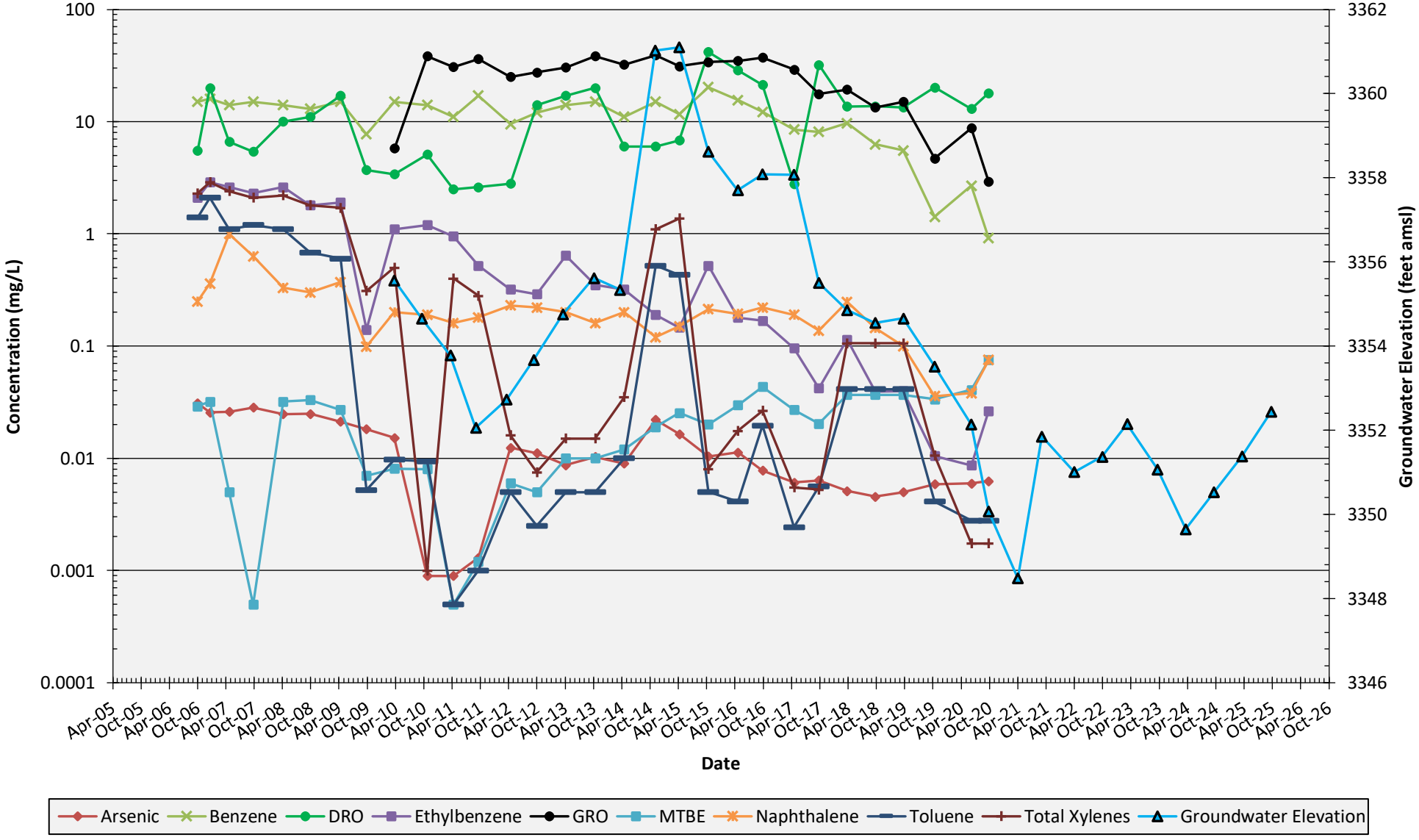


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-23: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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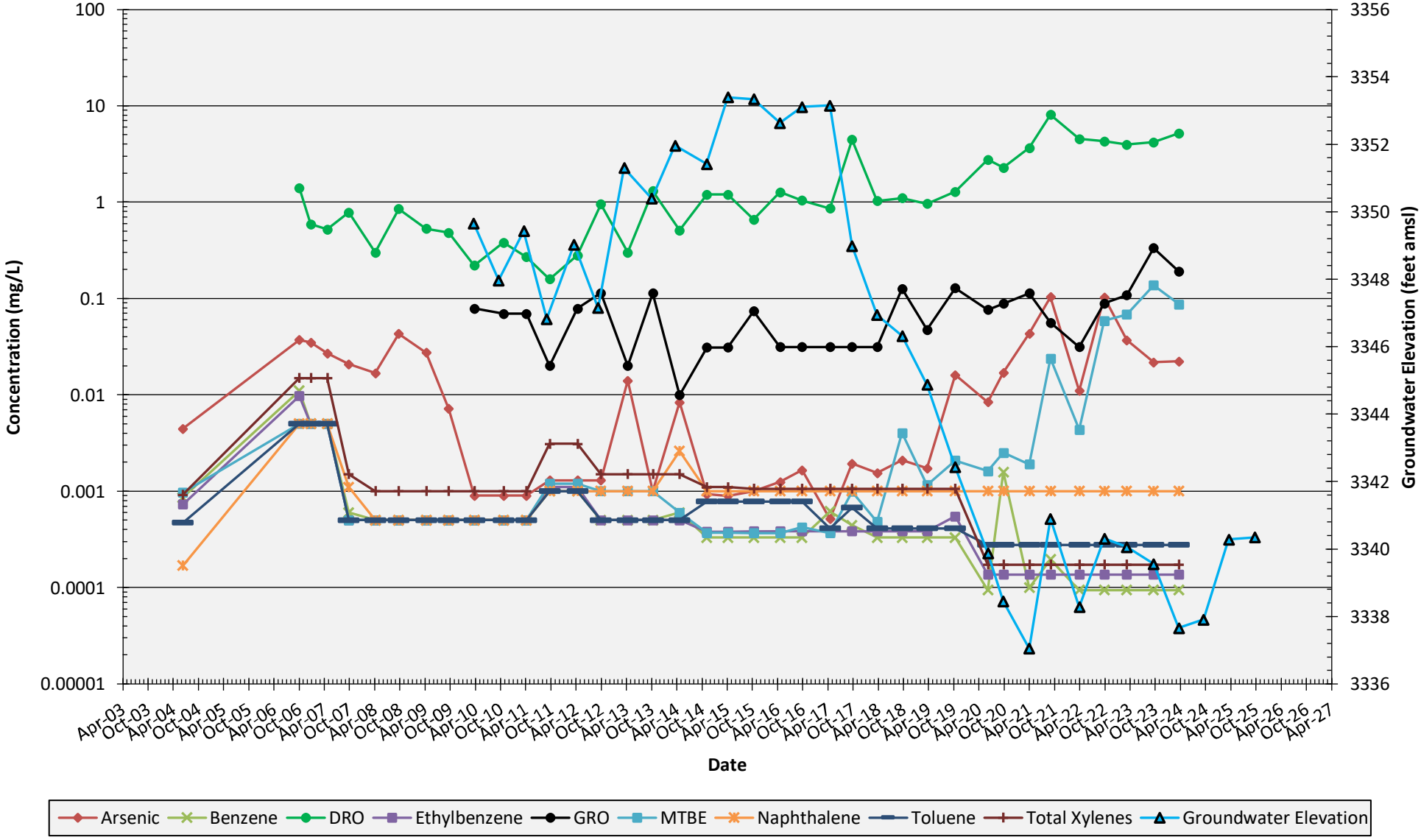
Received by OCD: 6/15/2026 7:23:14 PM

MW-29: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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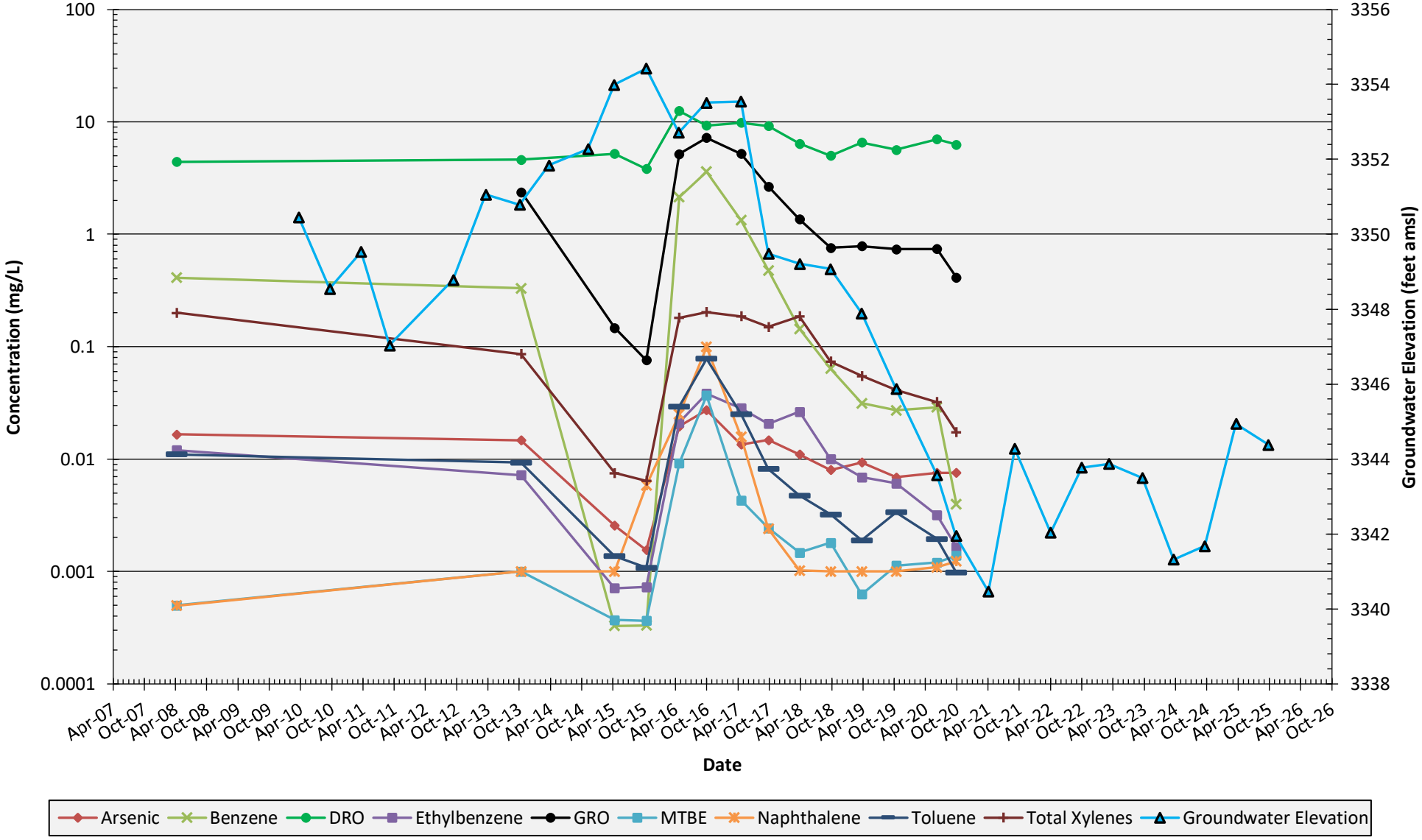
MW-39: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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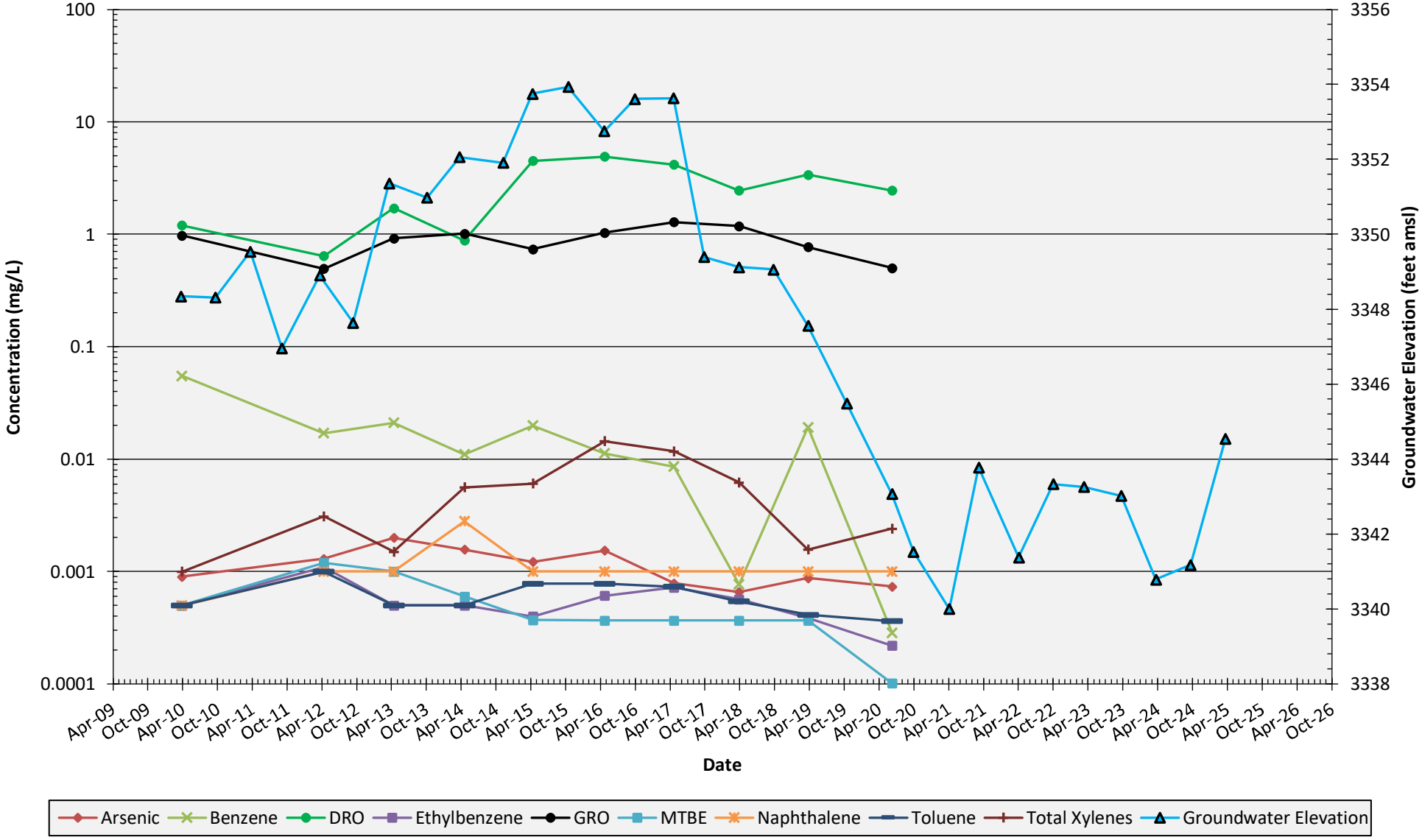
Received by OCD: 6/15/2026 7:23:14 PM

MW-40: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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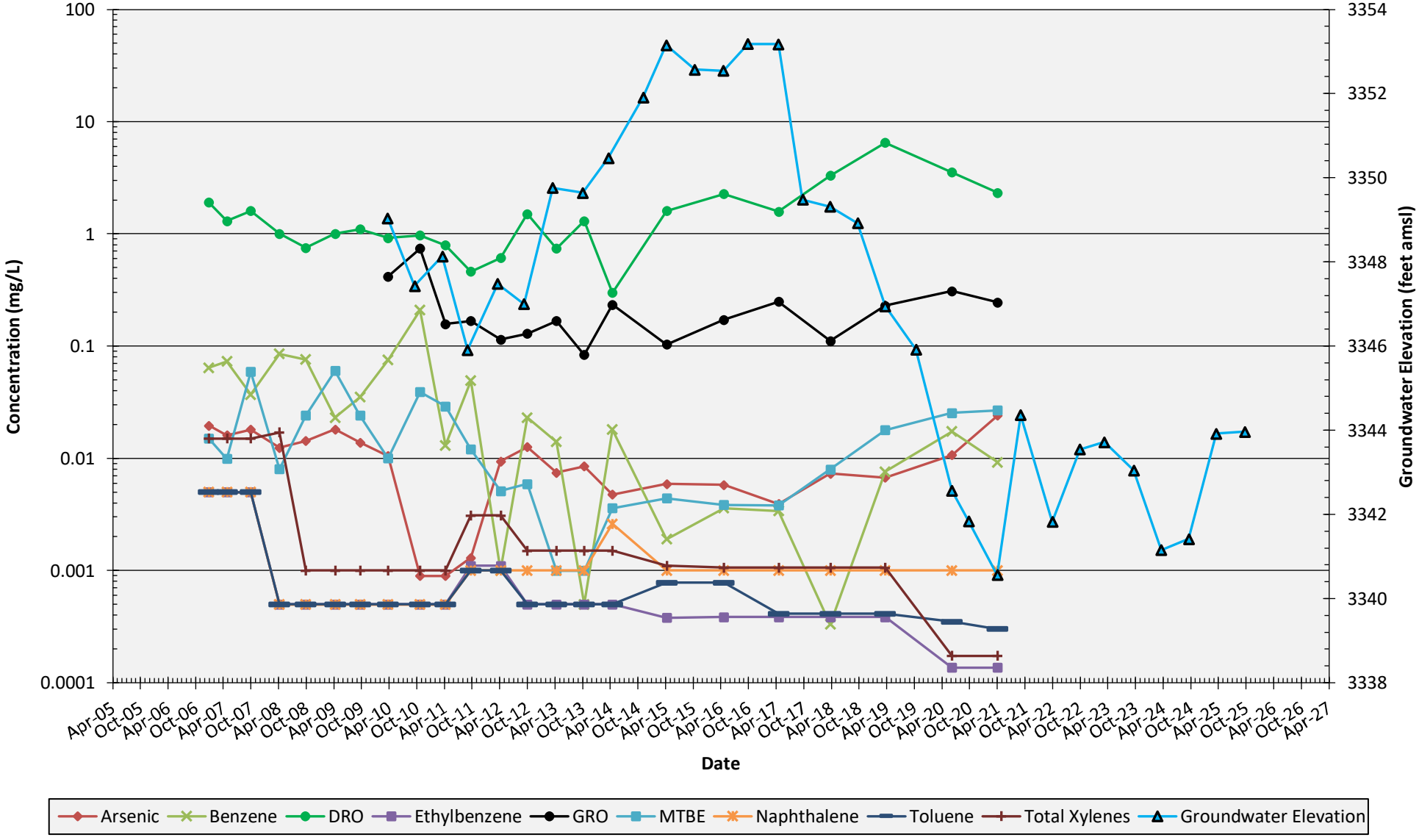
Received by OCD: 6/15/2026 7:23:14 PM

MW-41: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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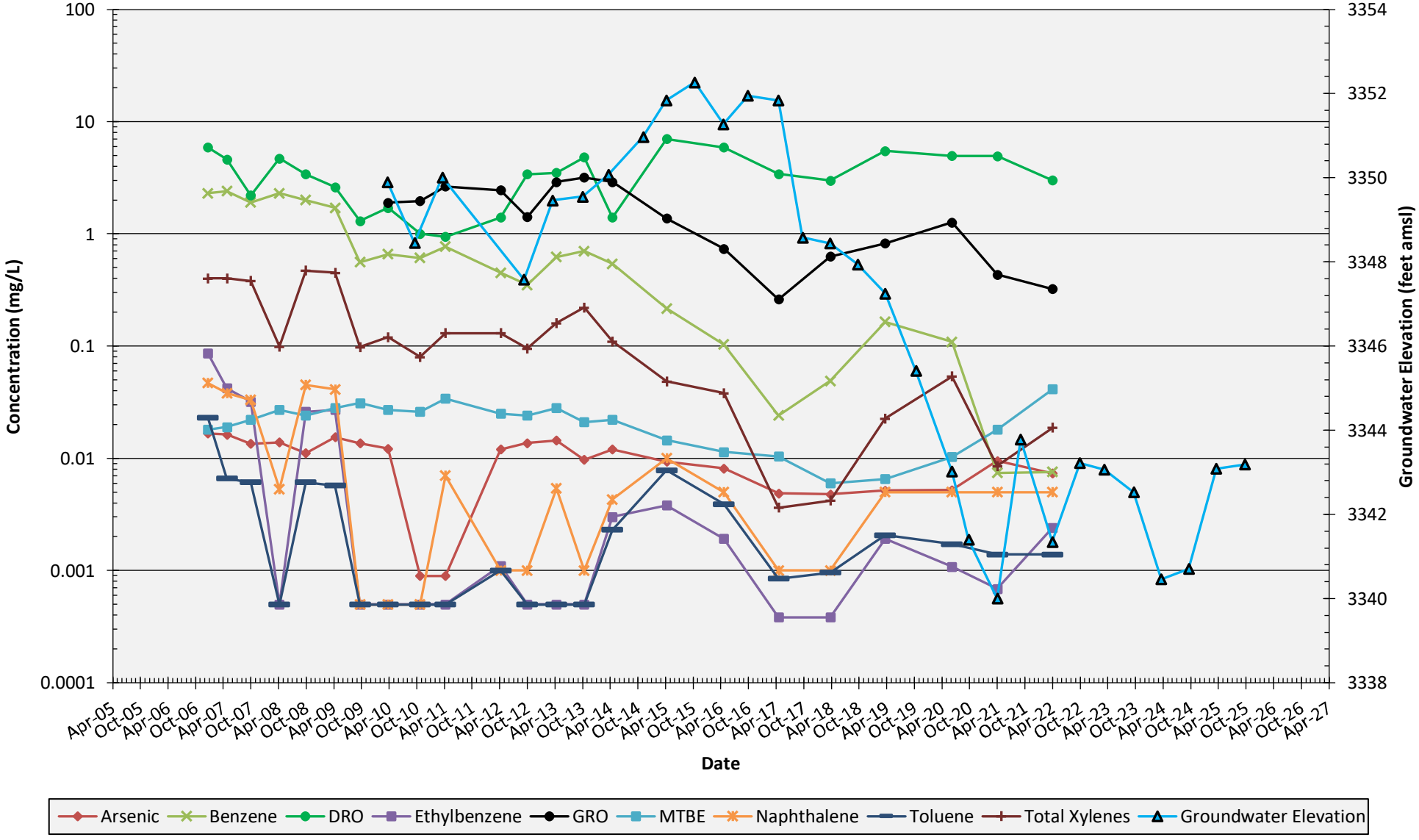
Received by OCD: 6/15/2026 7:23:14 PM

MW-42: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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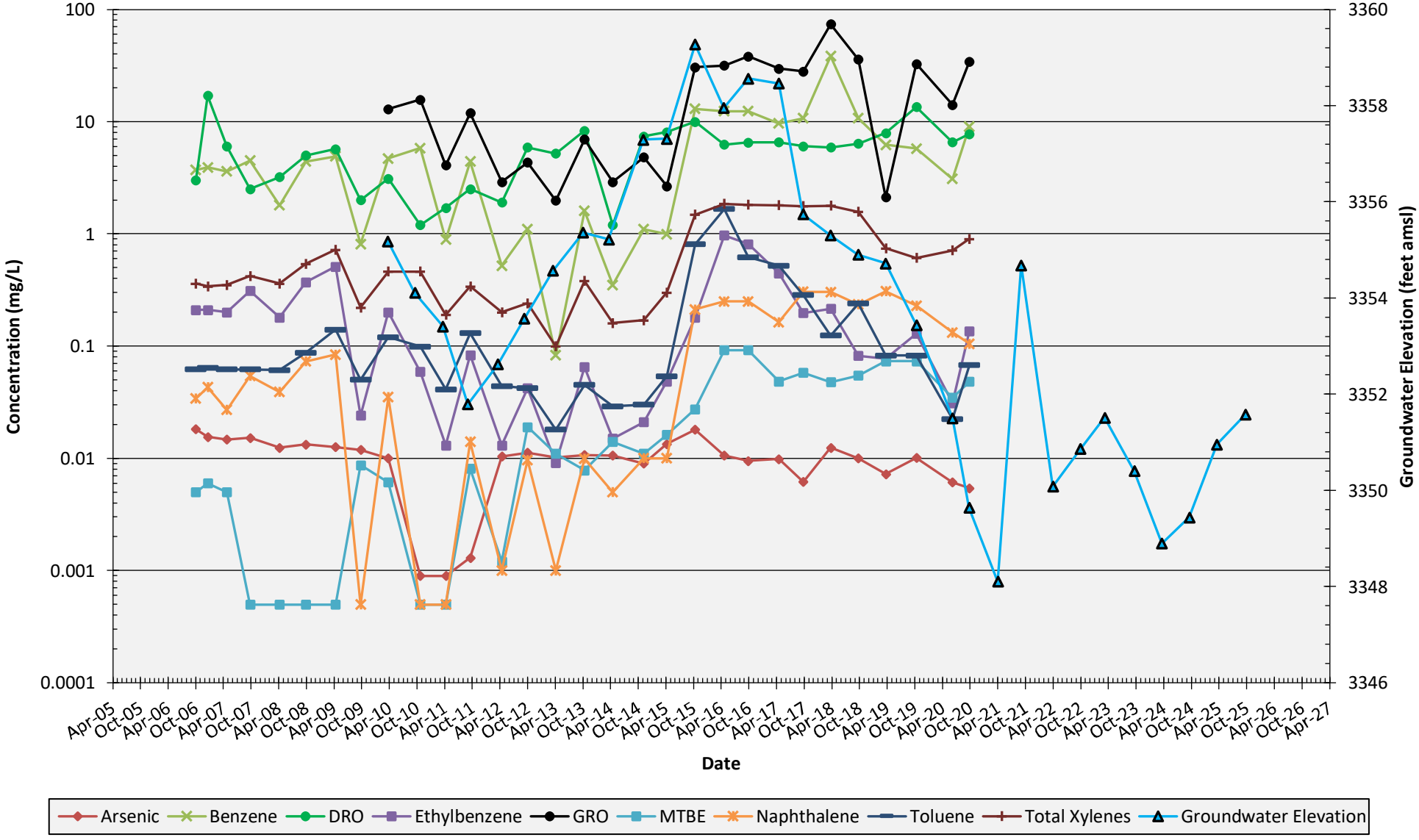
Received by OCD: 6/15/2026 7:23:14 PM

MW-43: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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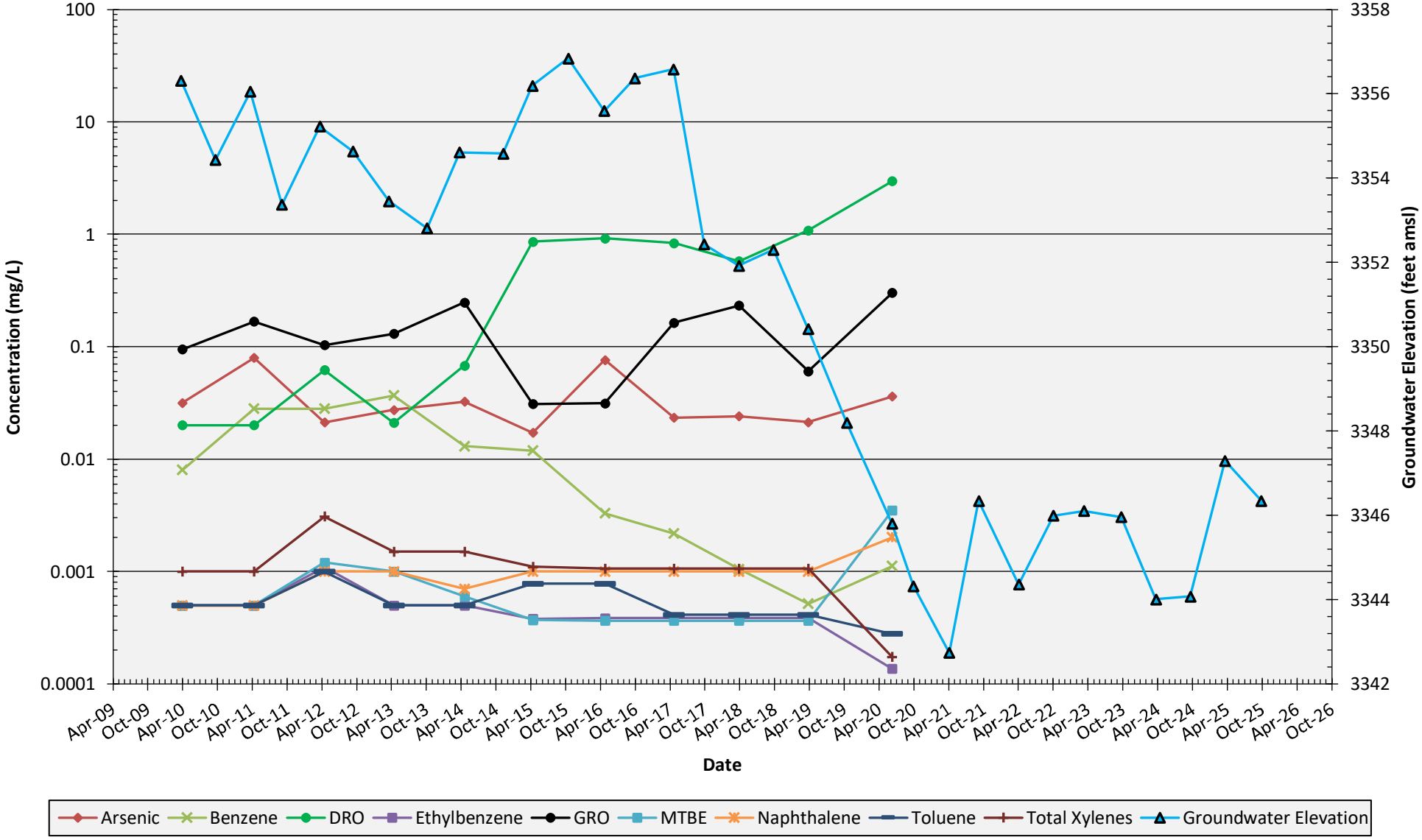
Received by OCD: 6/15/2026 7:23:14 PM

MW-59: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

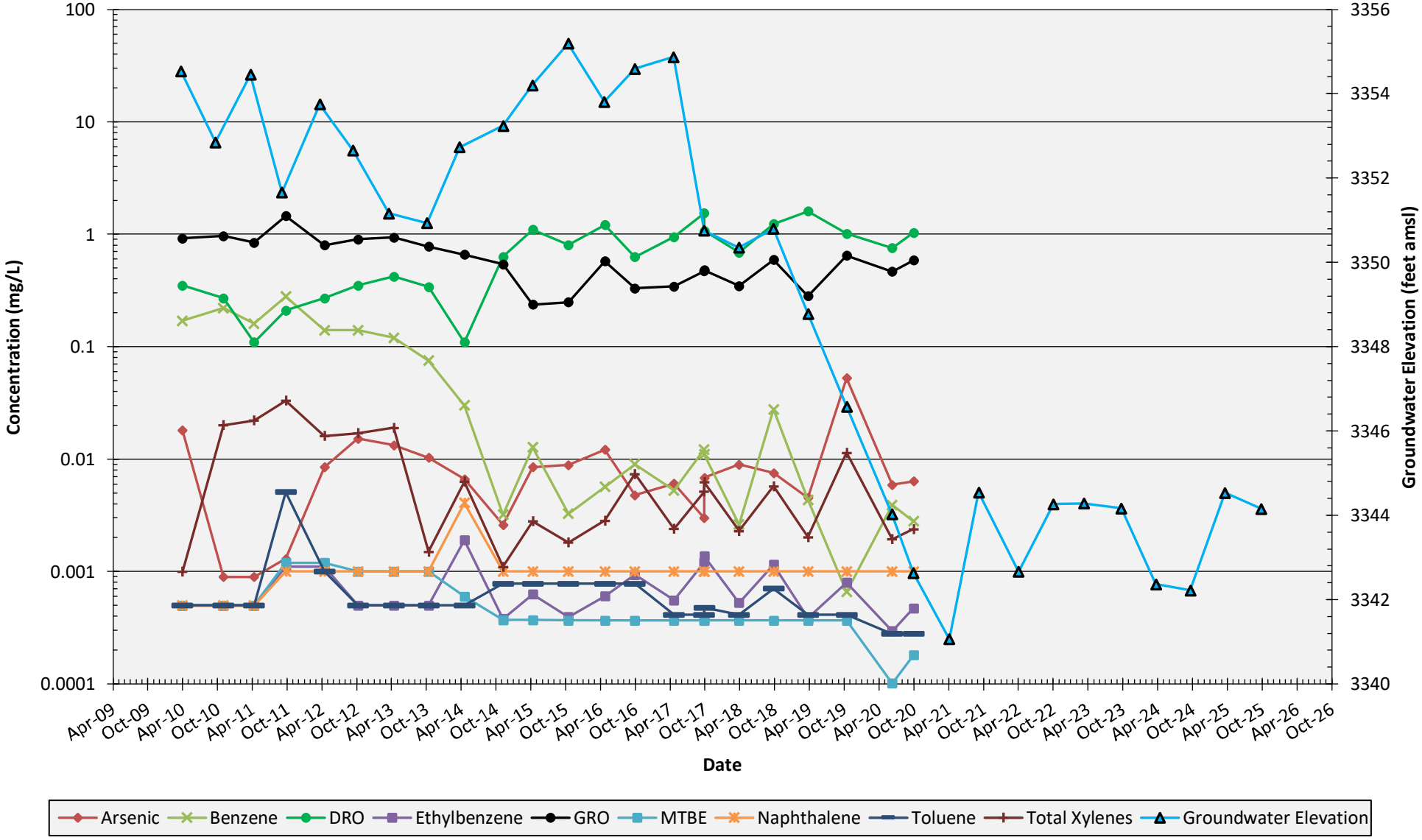


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-60: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

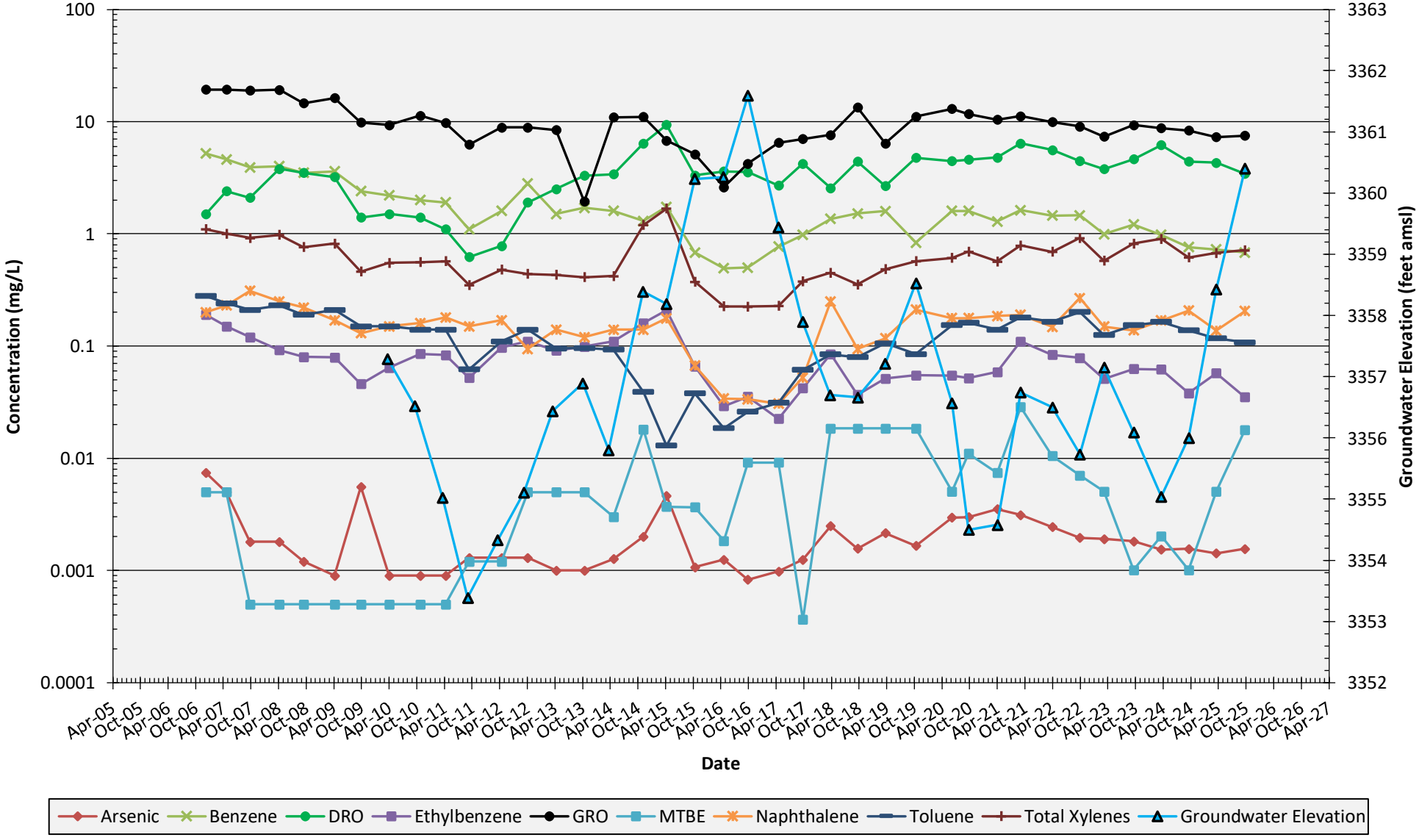


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-61: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

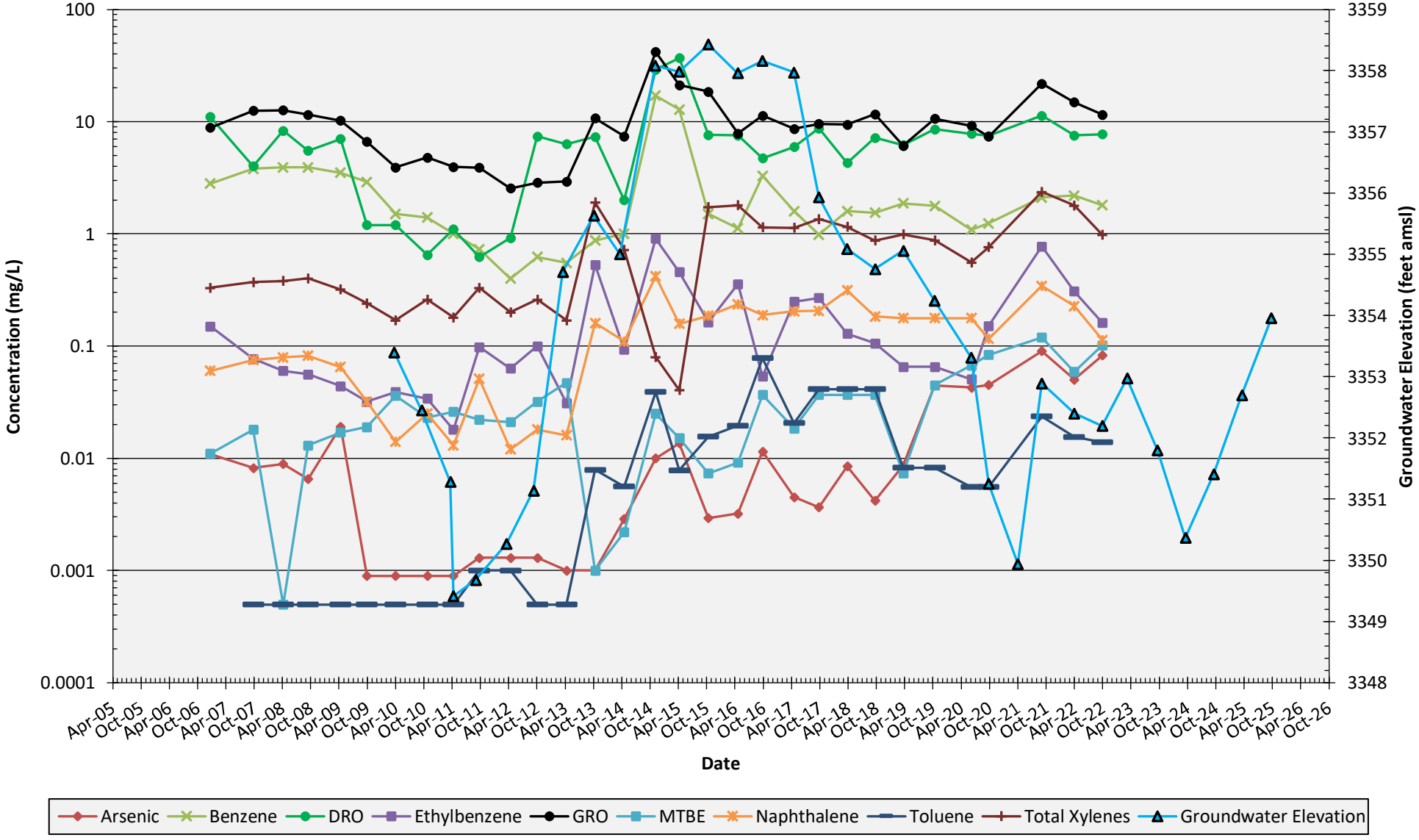


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-62: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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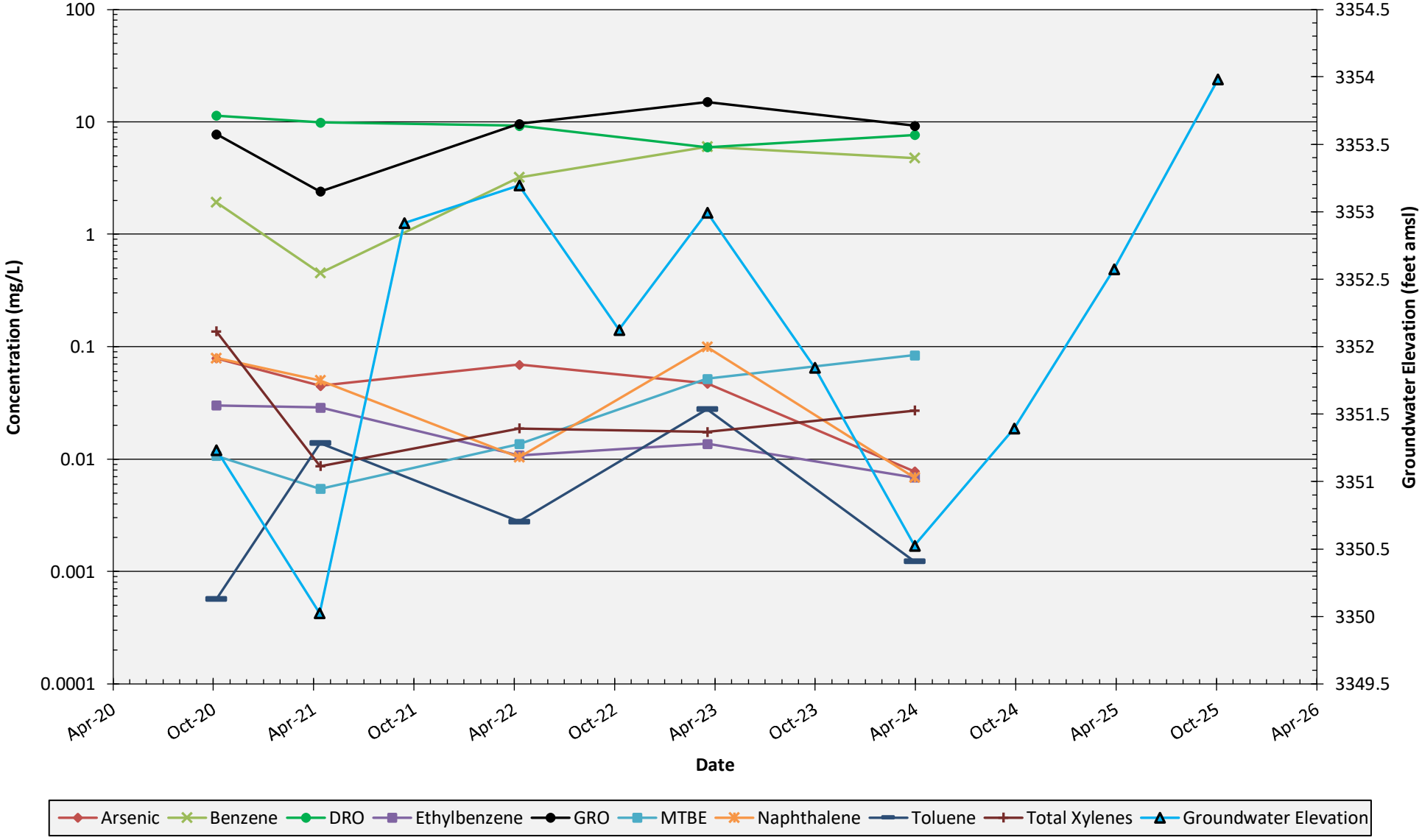
Received by OCD: 6/15/2026 7:23:14 PM

MW-62R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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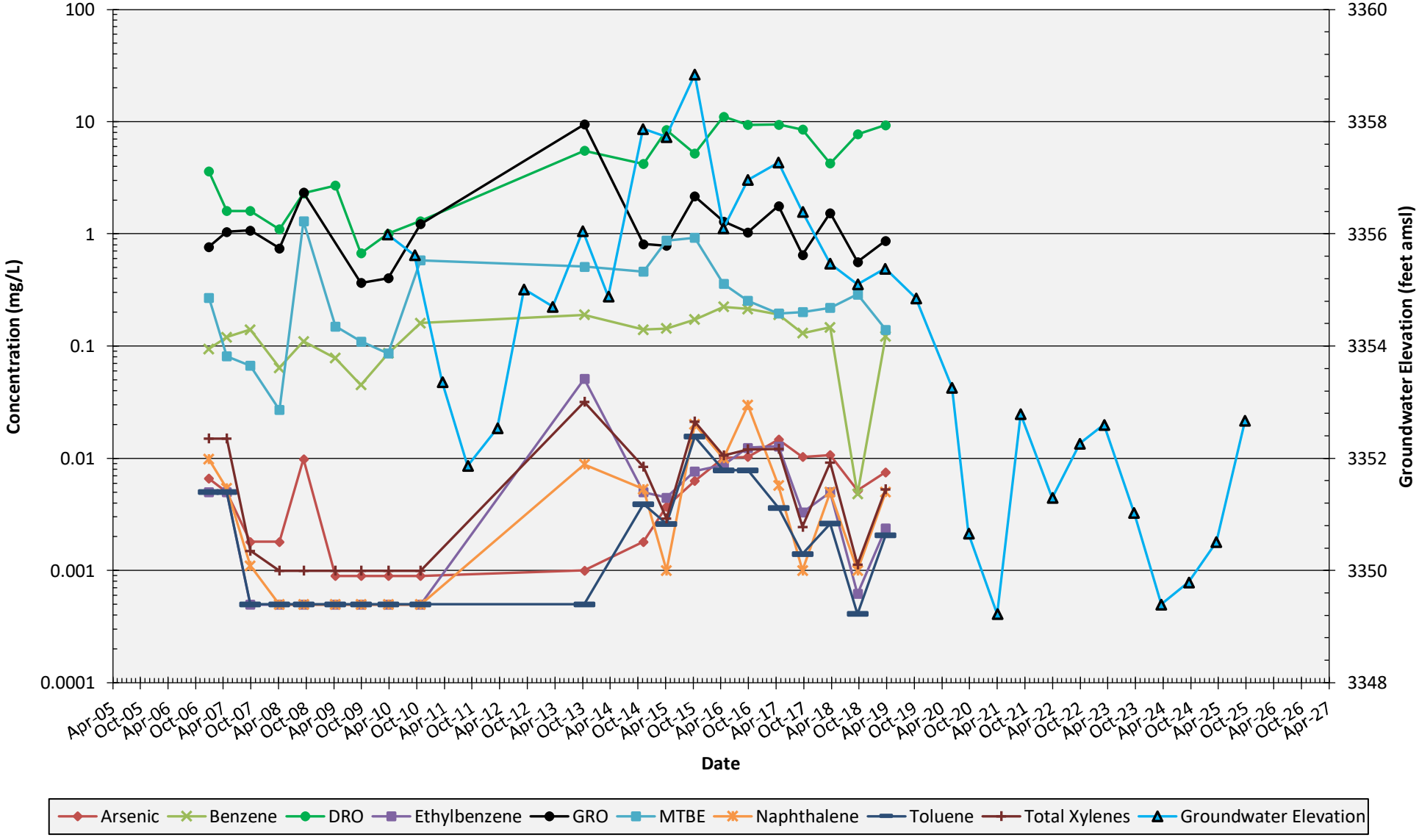
Received by OCD: 6/15/2026 7:23:14 PM

MW-67: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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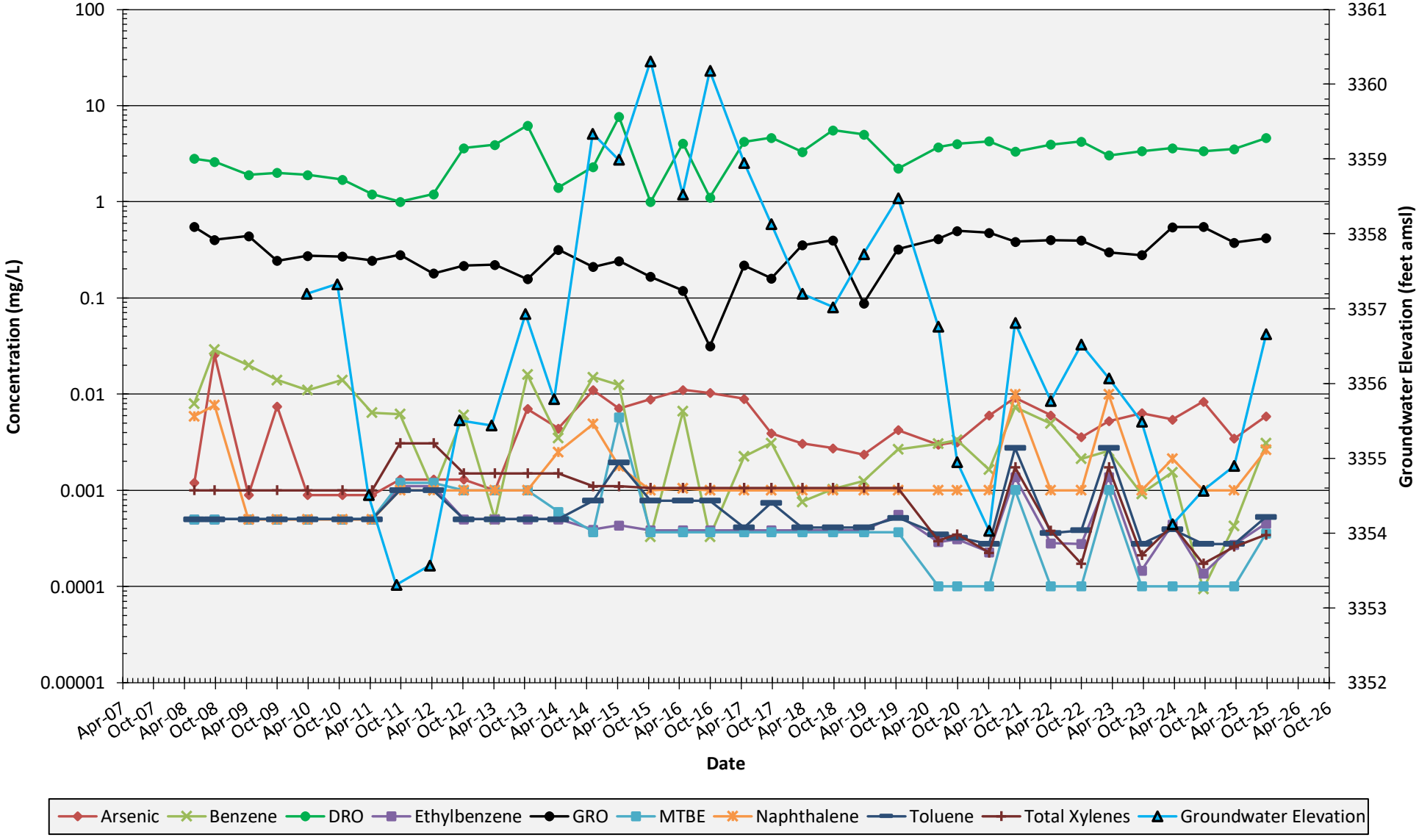
Received by OCD: 6/15/2026 7:23:14 PM

MW-90: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

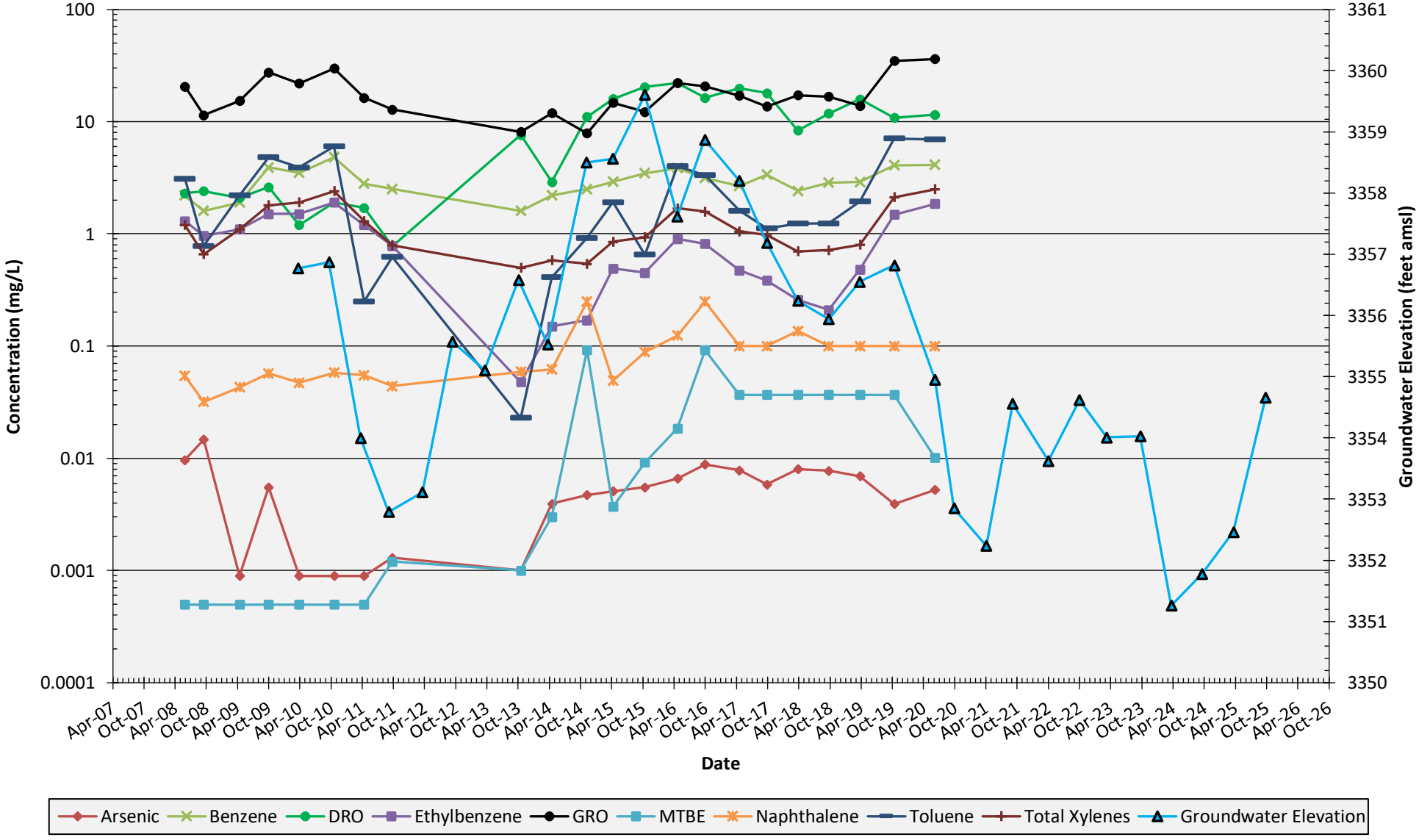


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-91: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

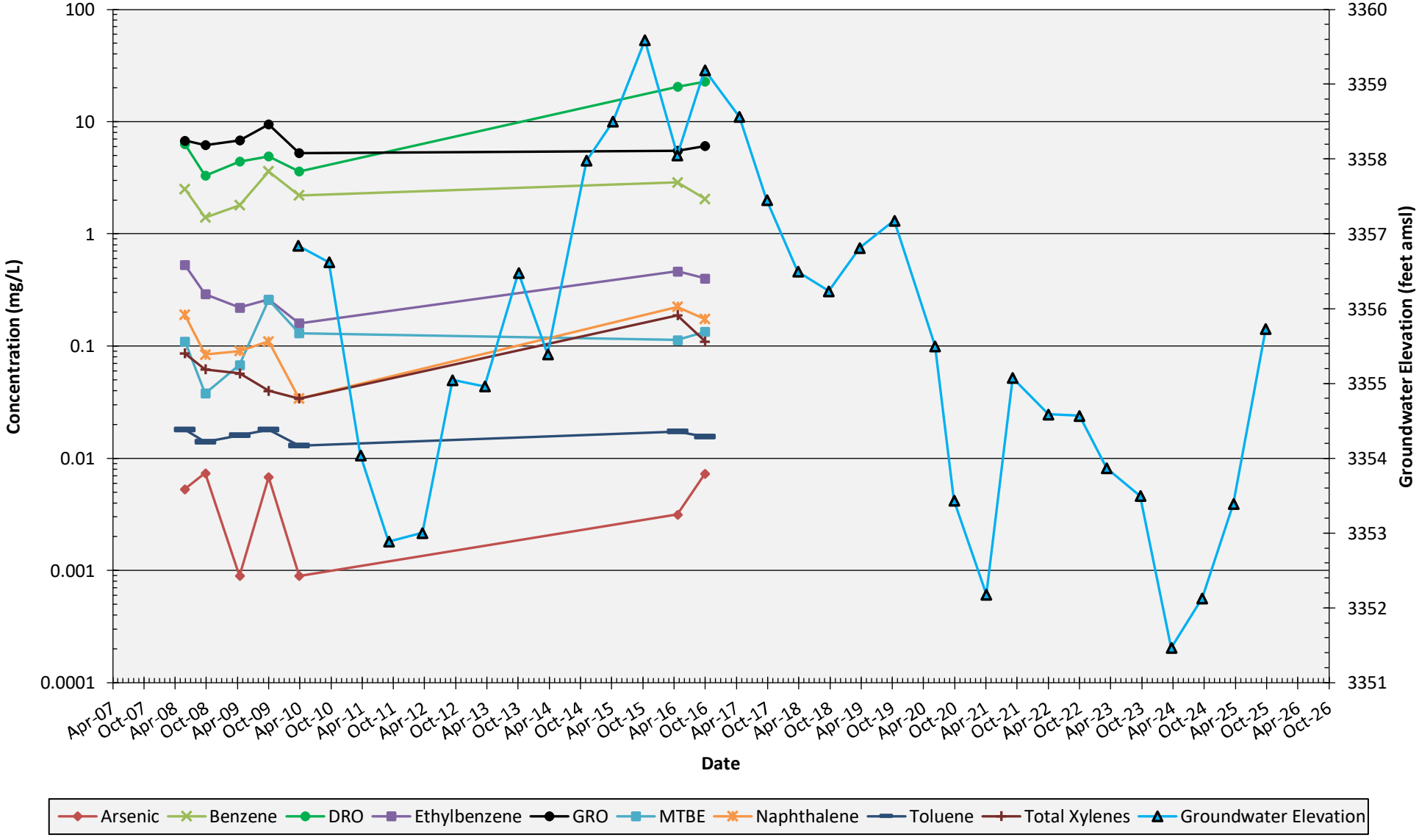


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-92: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

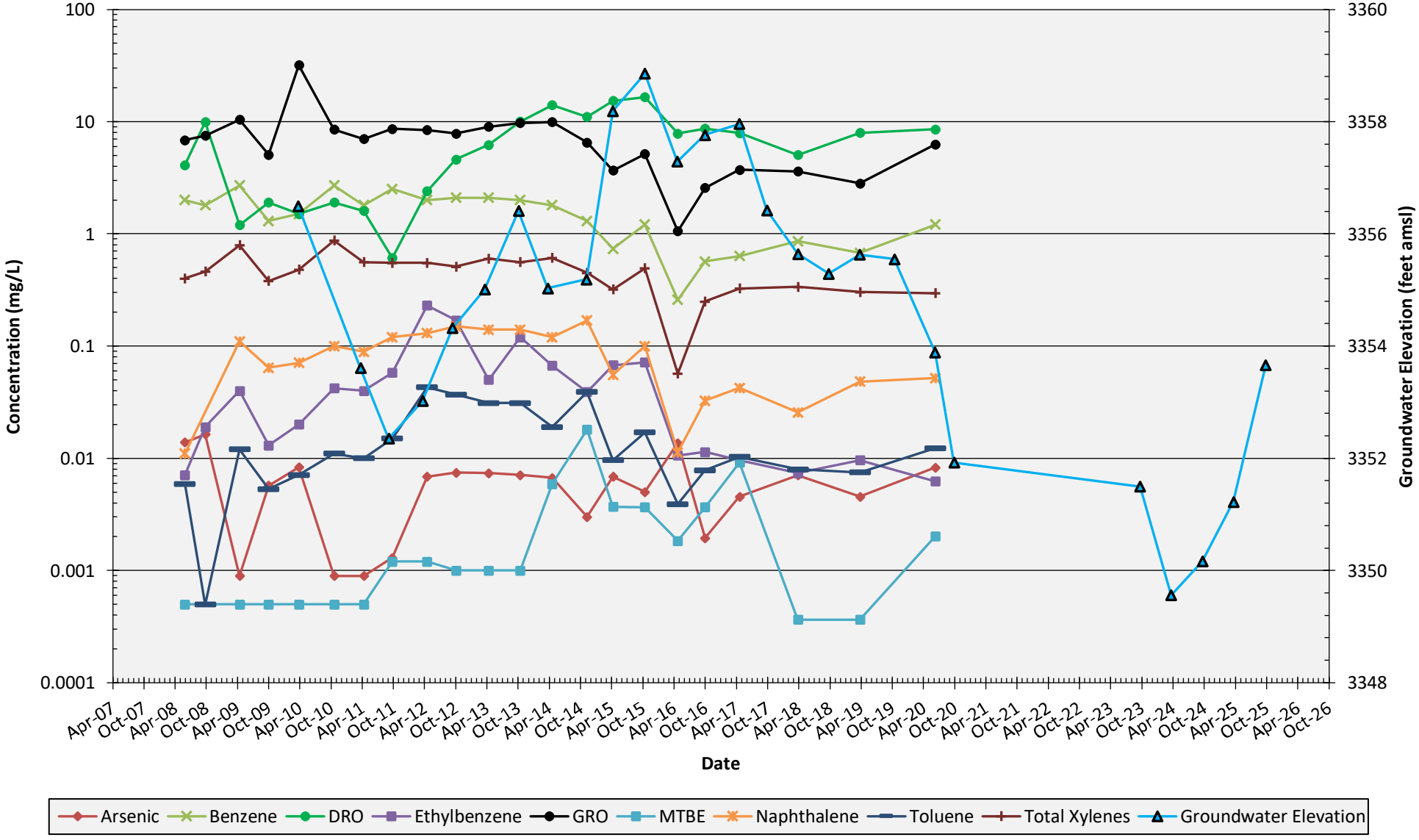


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-93: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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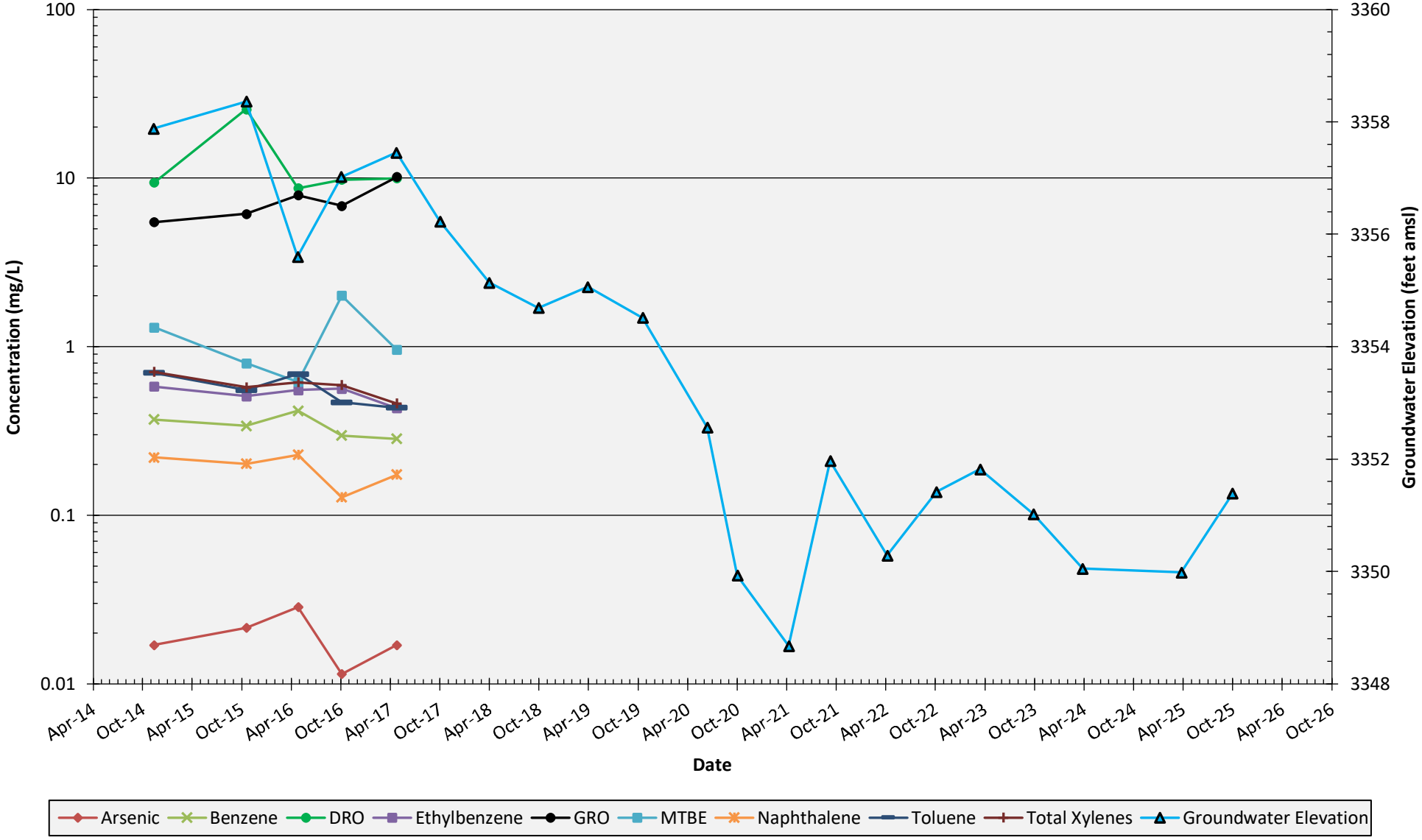
Received by OCD: 6/15/2026 7:23:14 PM

MW-94: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

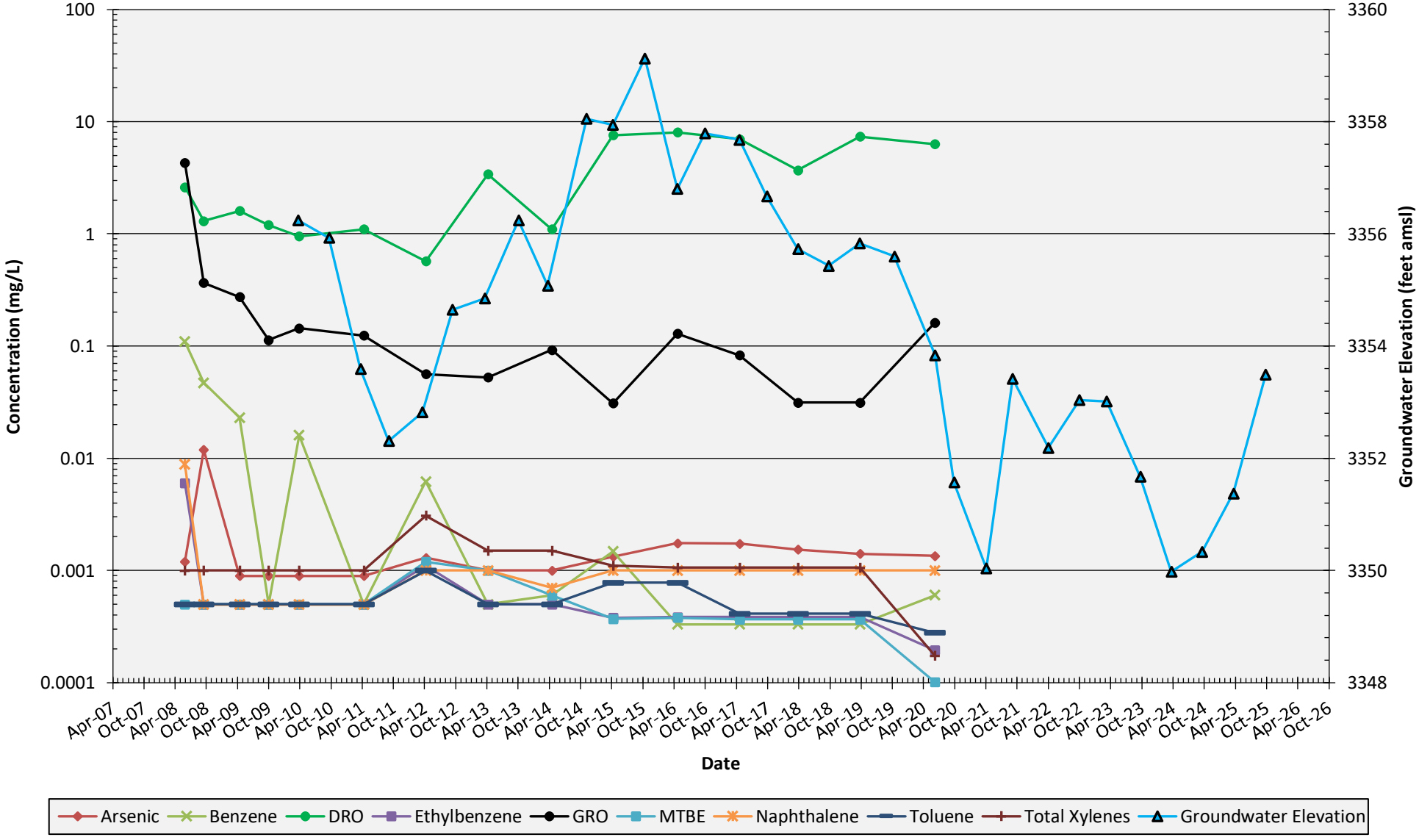


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-95: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

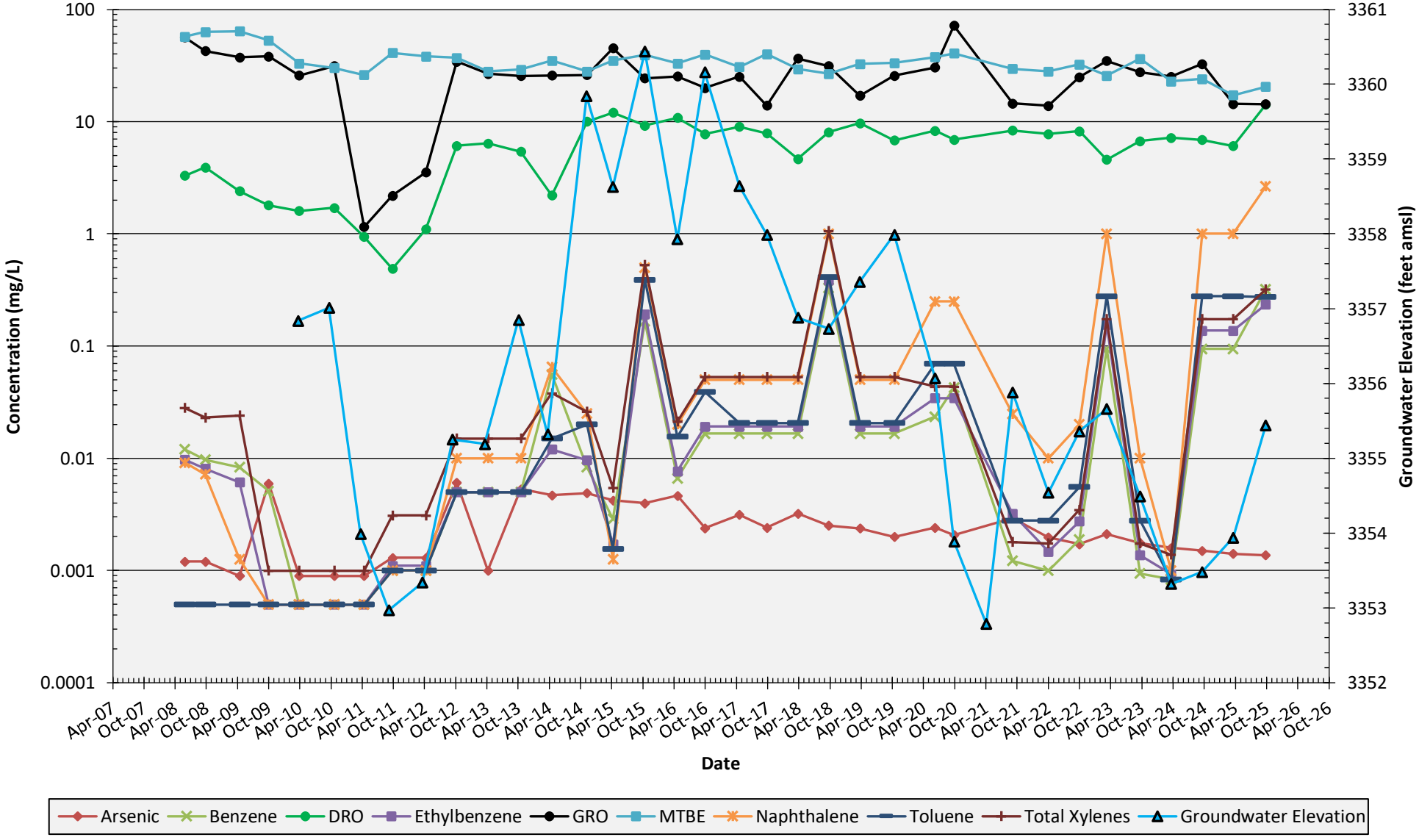


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-96: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

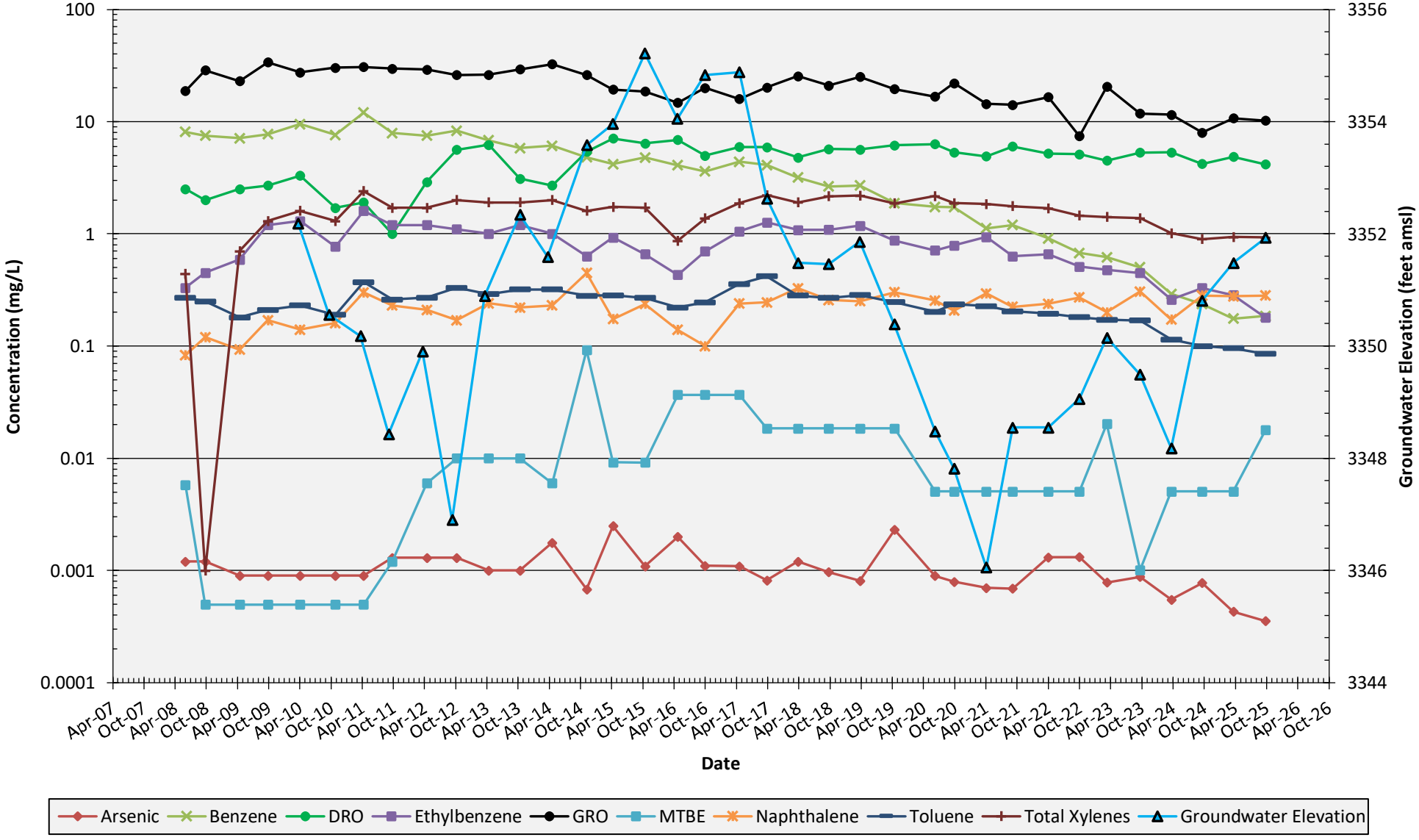


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-98: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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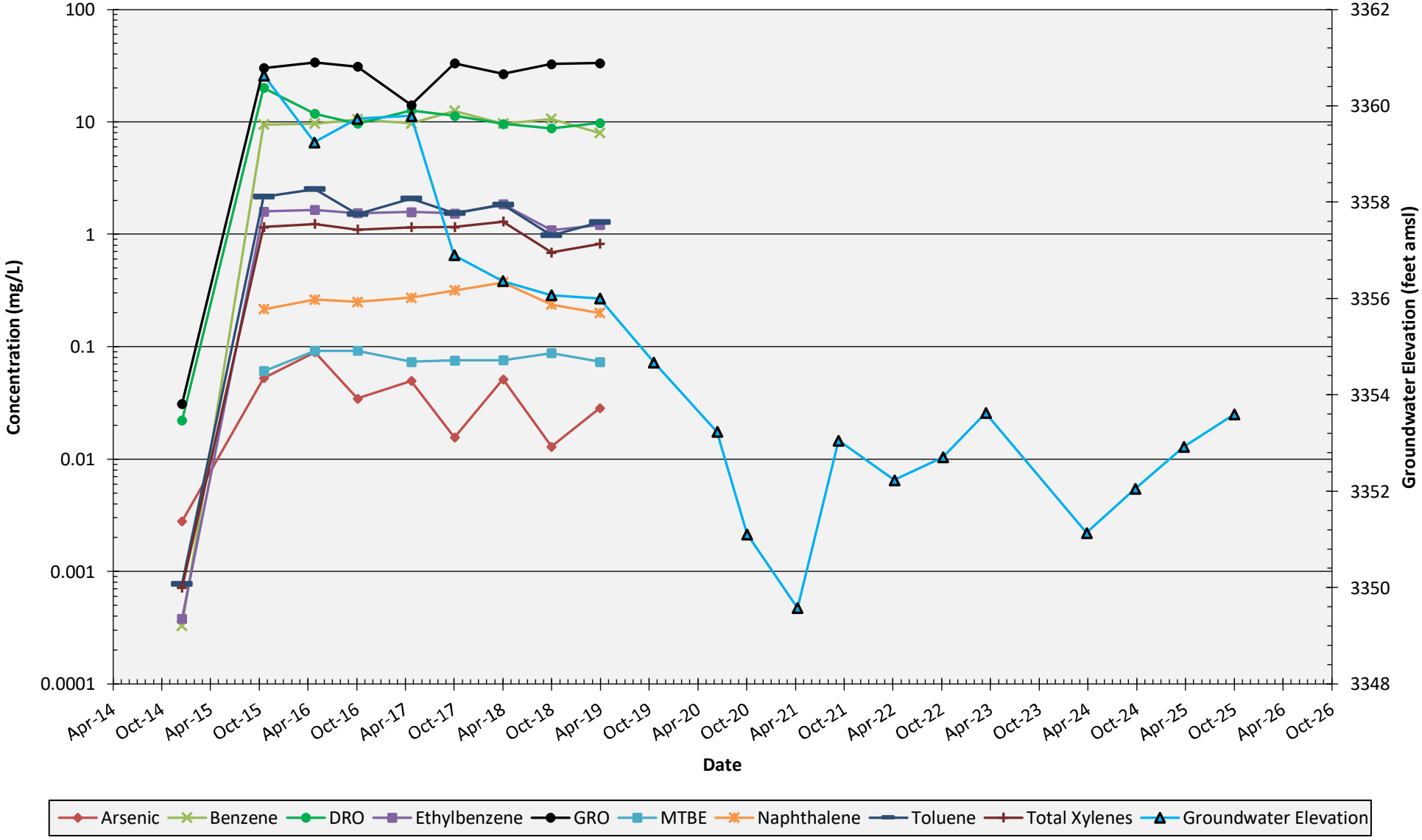
Received by OCD: 6/15/2026 7:23:14 PM

MW-137: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

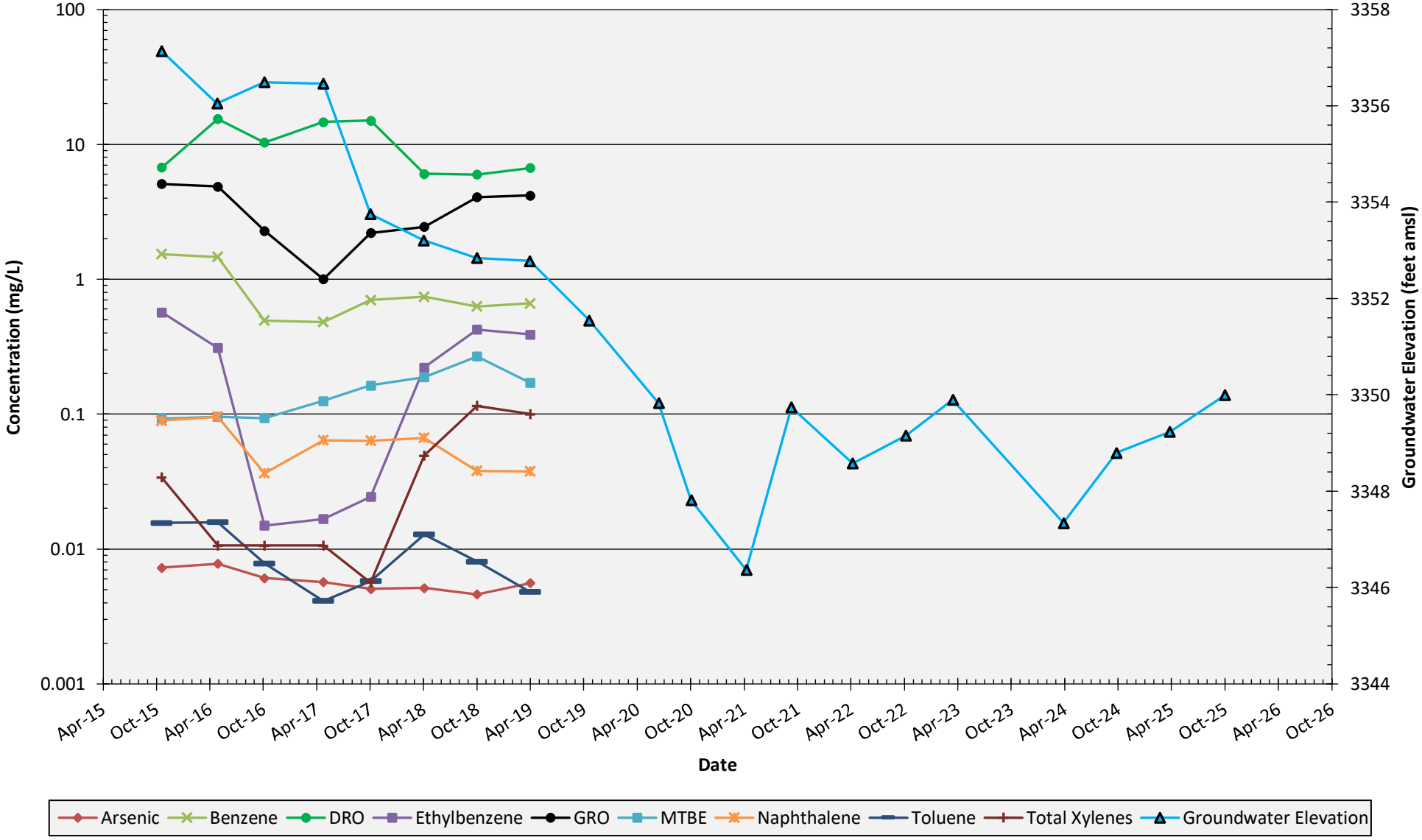


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-138: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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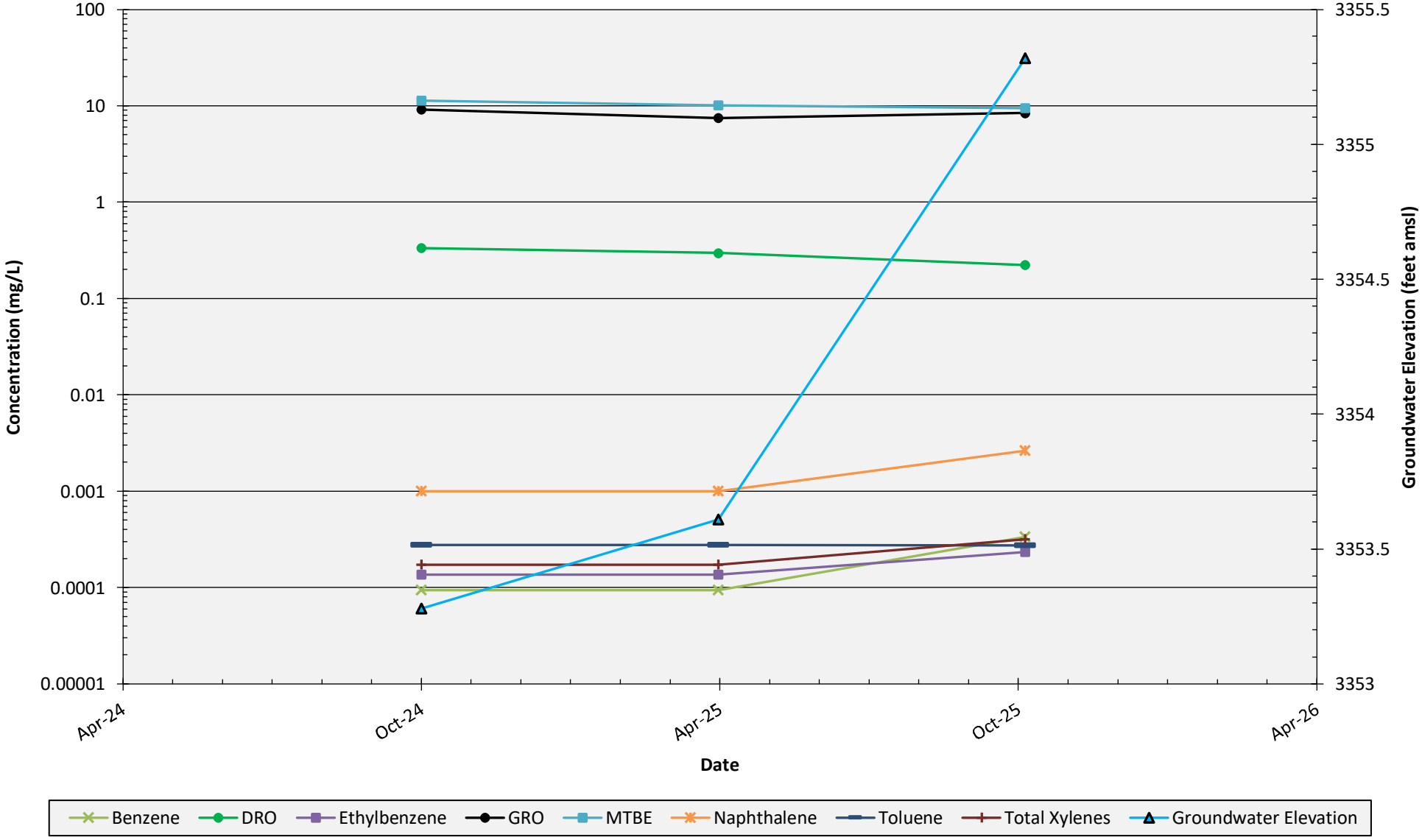
Received by OCD: 6/15/2026 7:23:14 PM

MW-157: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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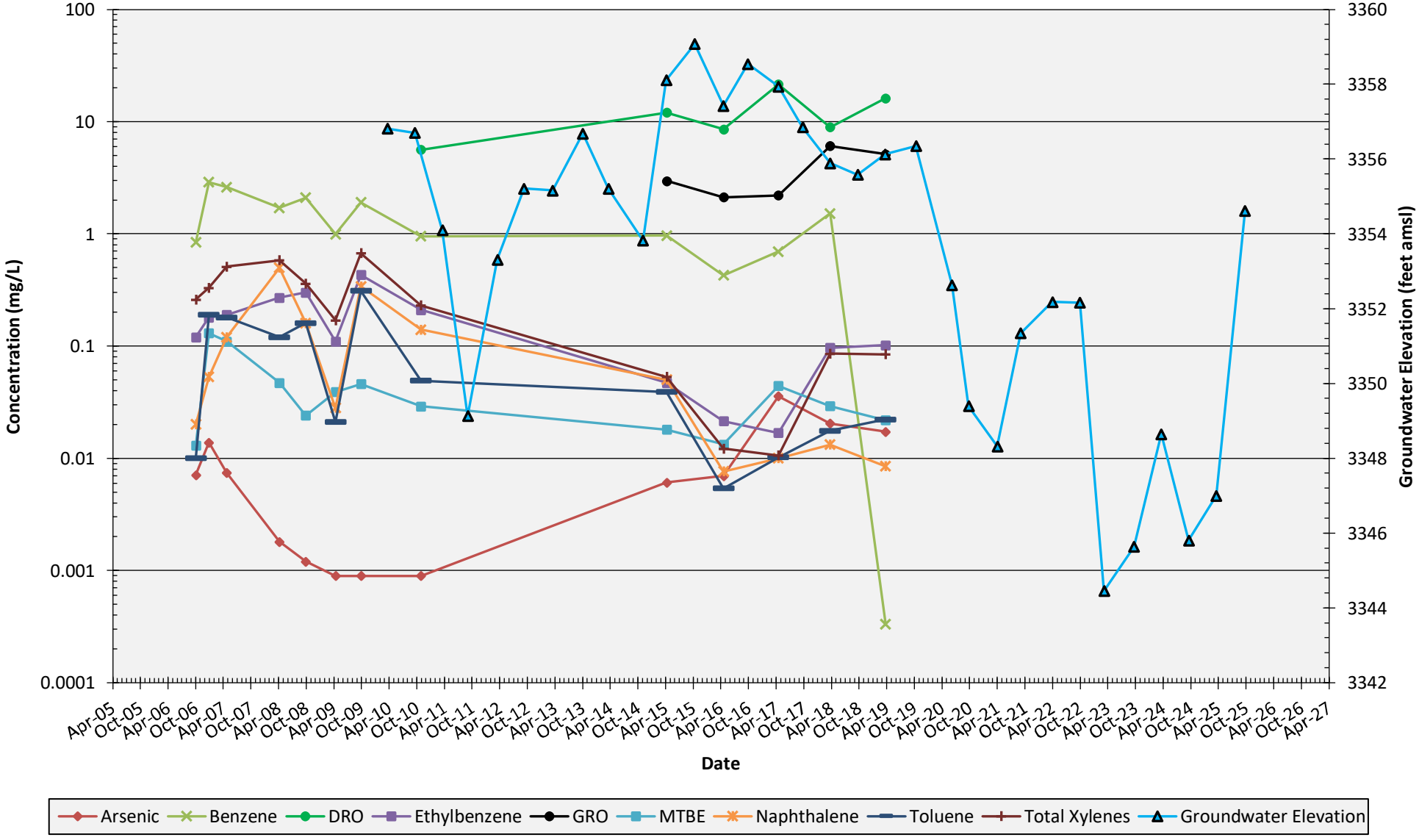
Received by OCD: 6/15/2026 7:23:14 PM

RW-1 & RW-1R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

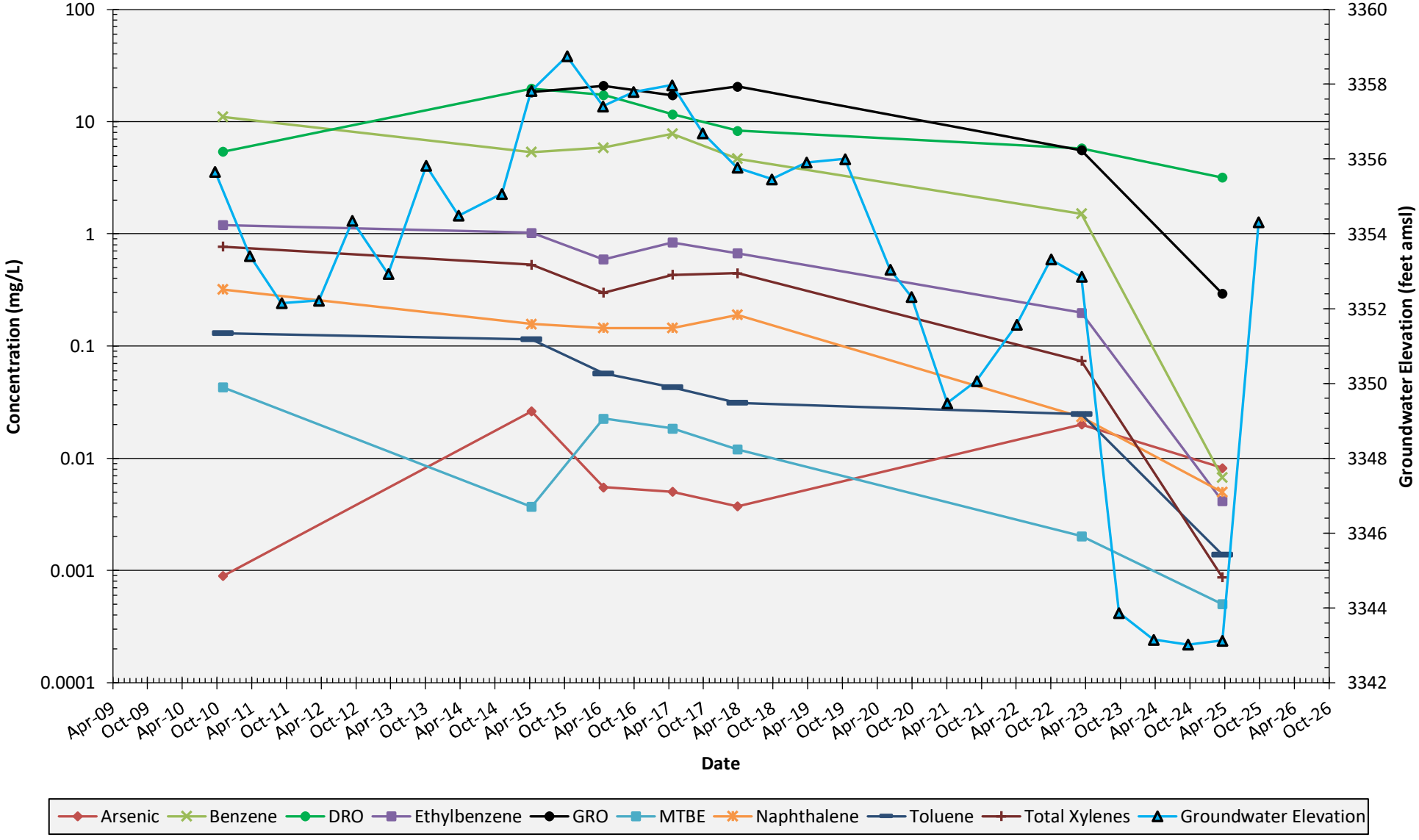


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-2 & RW-2R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

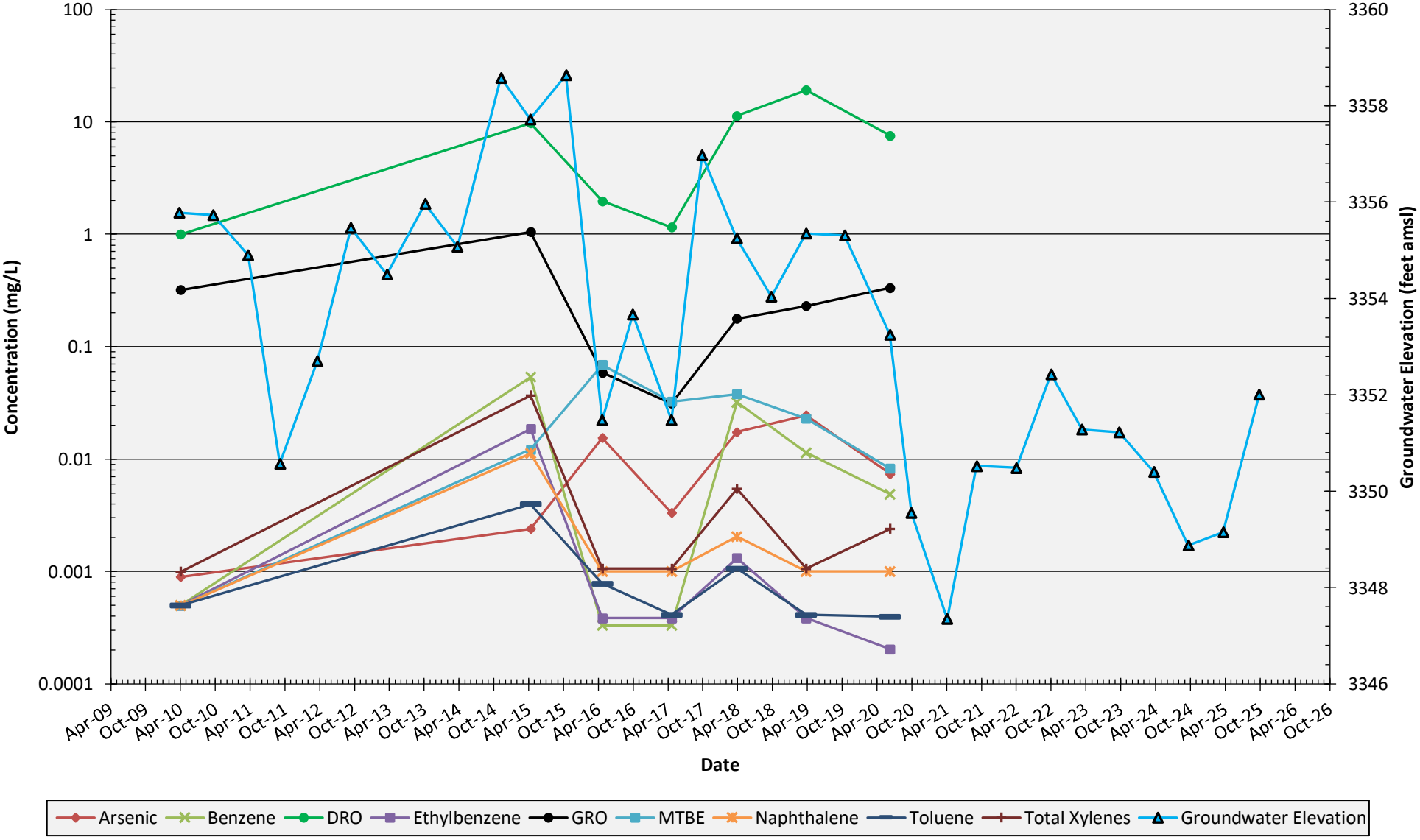


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-7 & RW-7R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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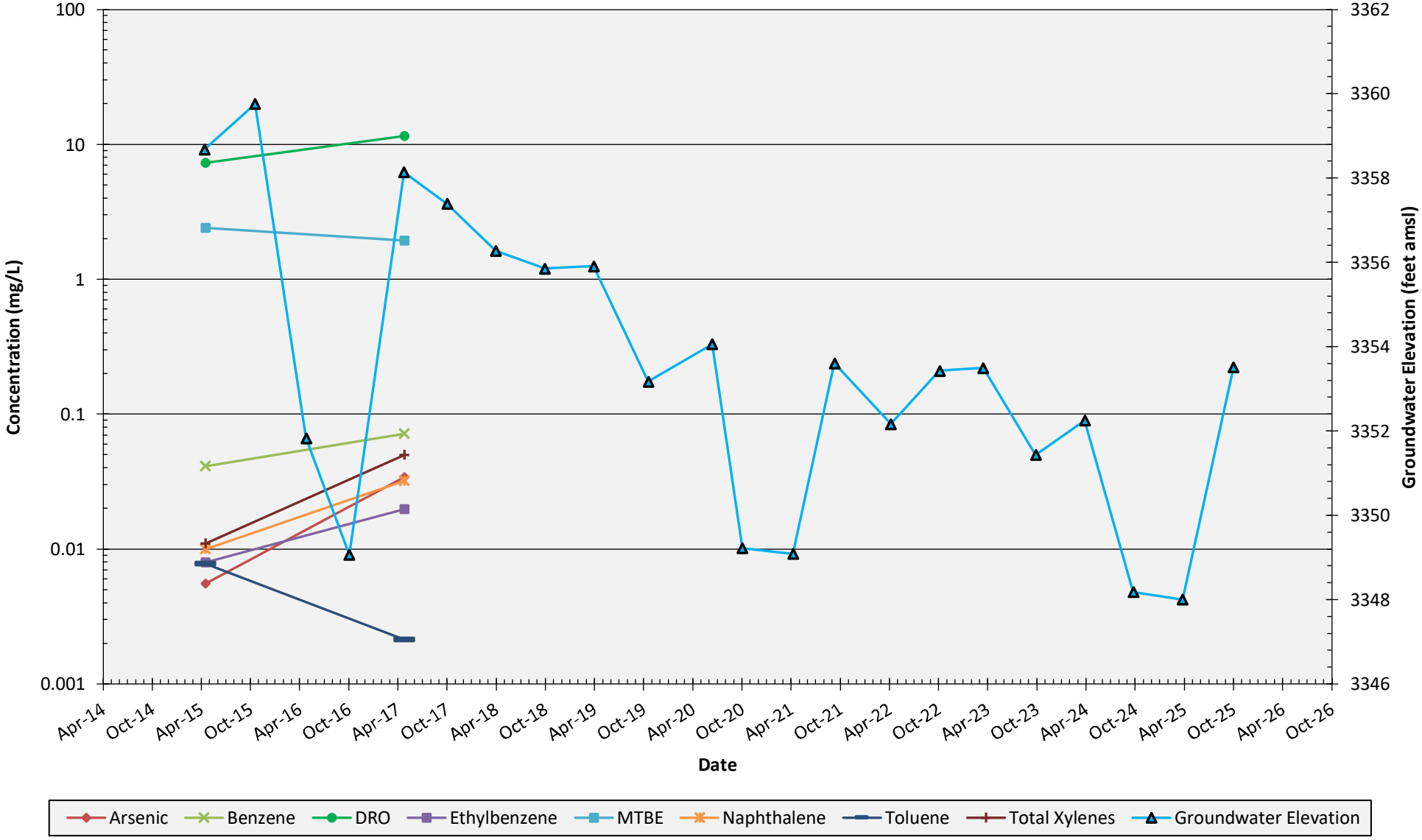
Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-8: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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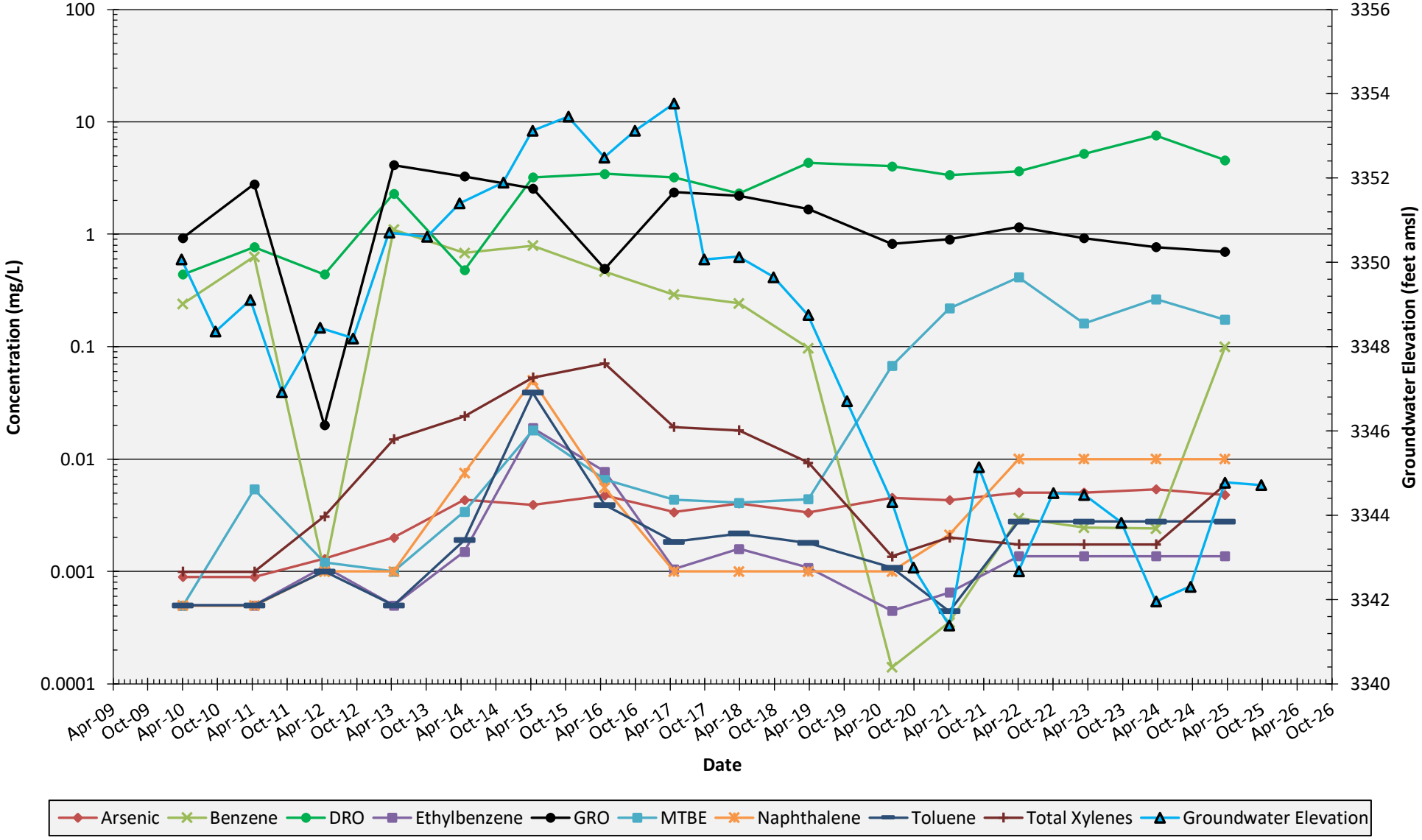
Received by OCD: 6/15/2026 7:23:14 PM

RW-9: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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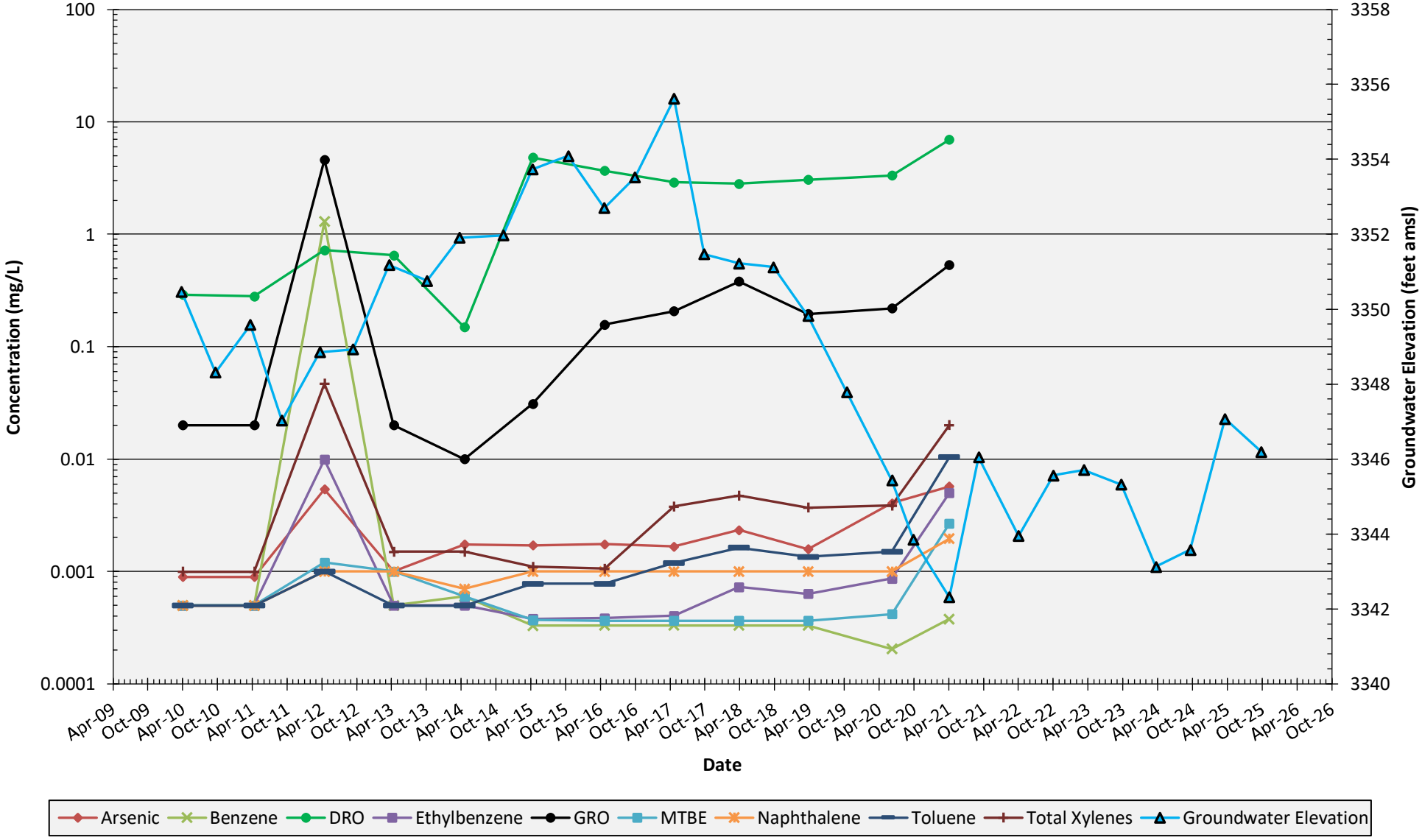
Received by OCD: 6/15/2026 7:23:14 PM

RW-10: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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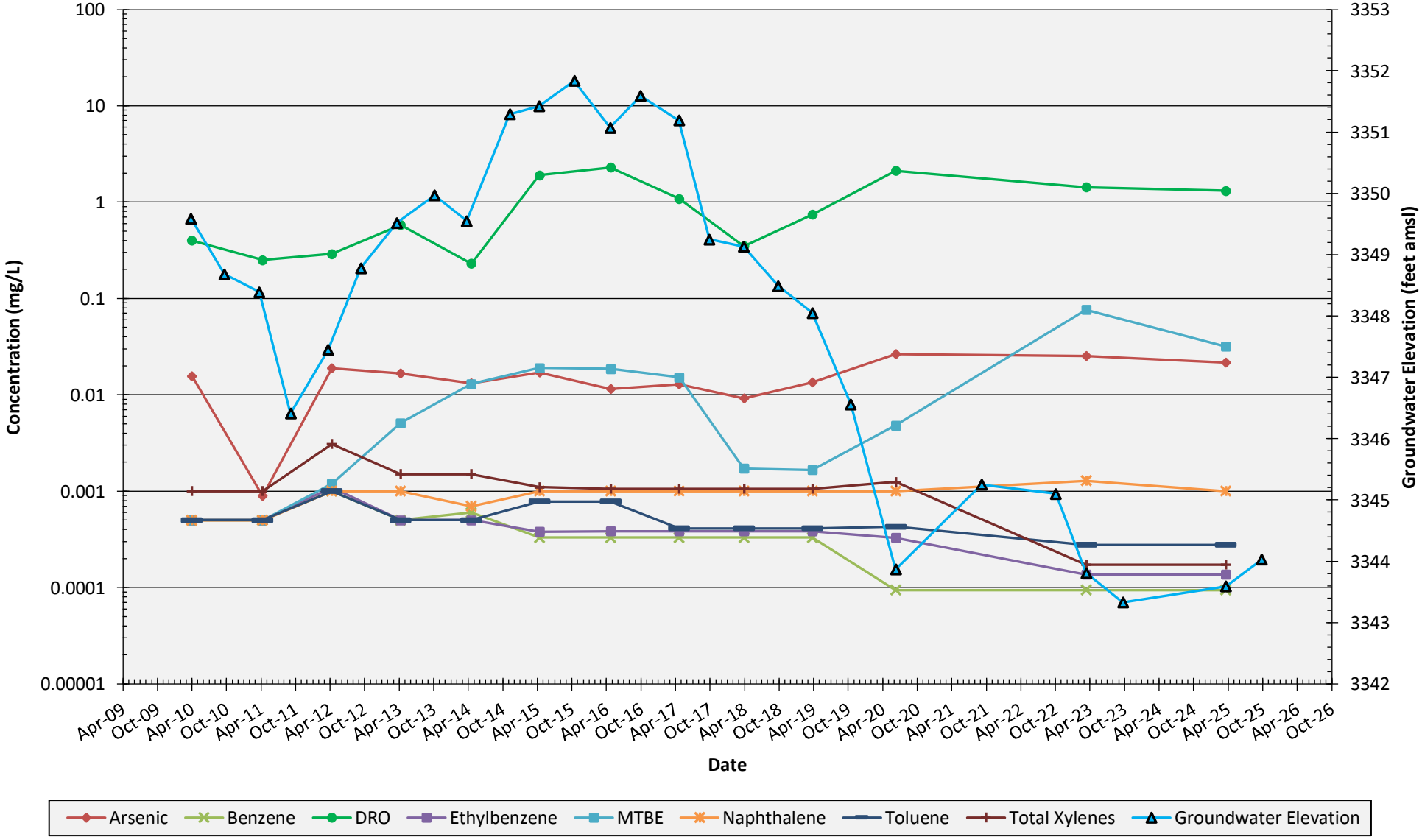
Received by OCD: 6/15/2026 7:23:14 PM

RW-16: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery



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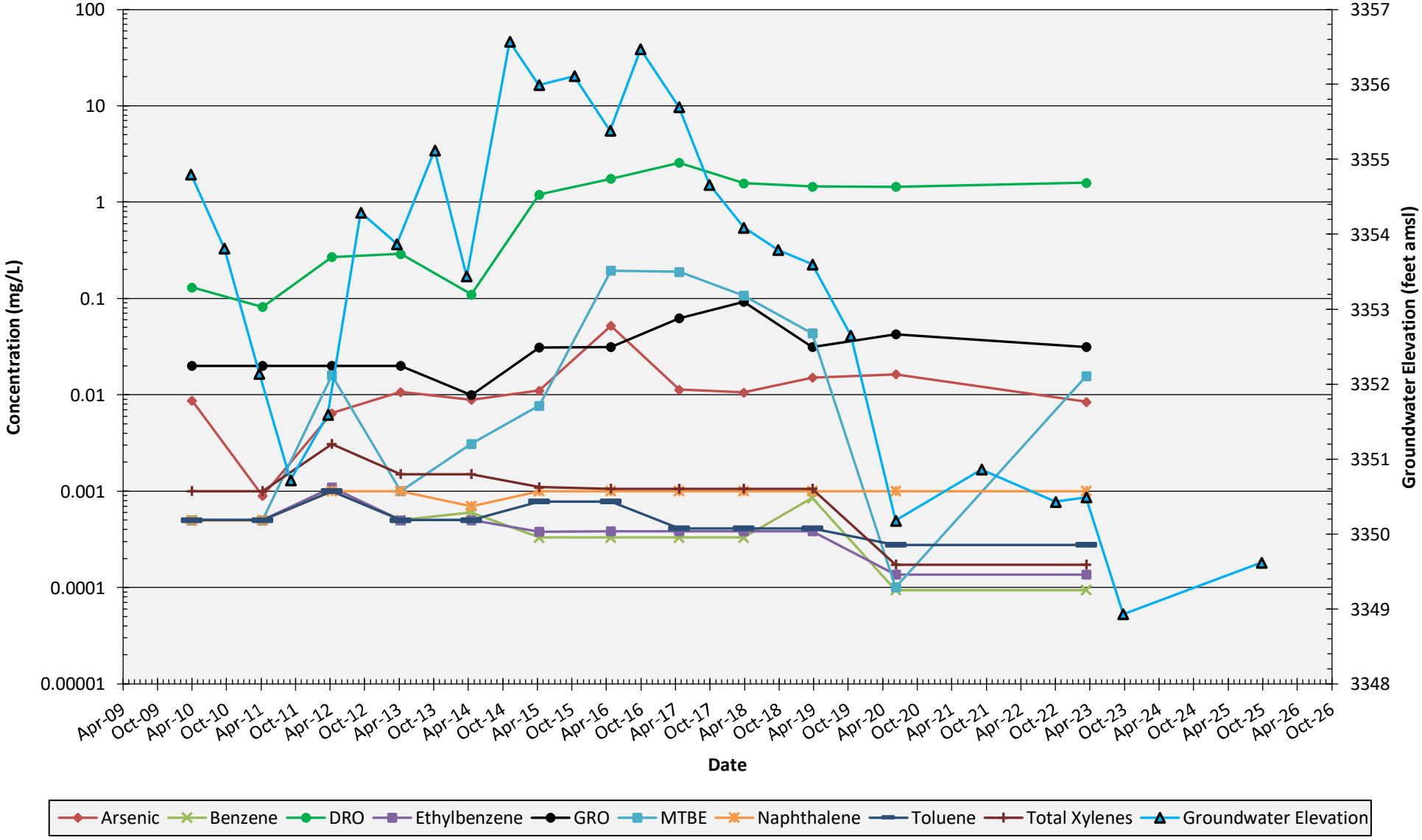
Received by OCD: 6/15/2026 7:23:14 PM

RW-17: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

North Refinery

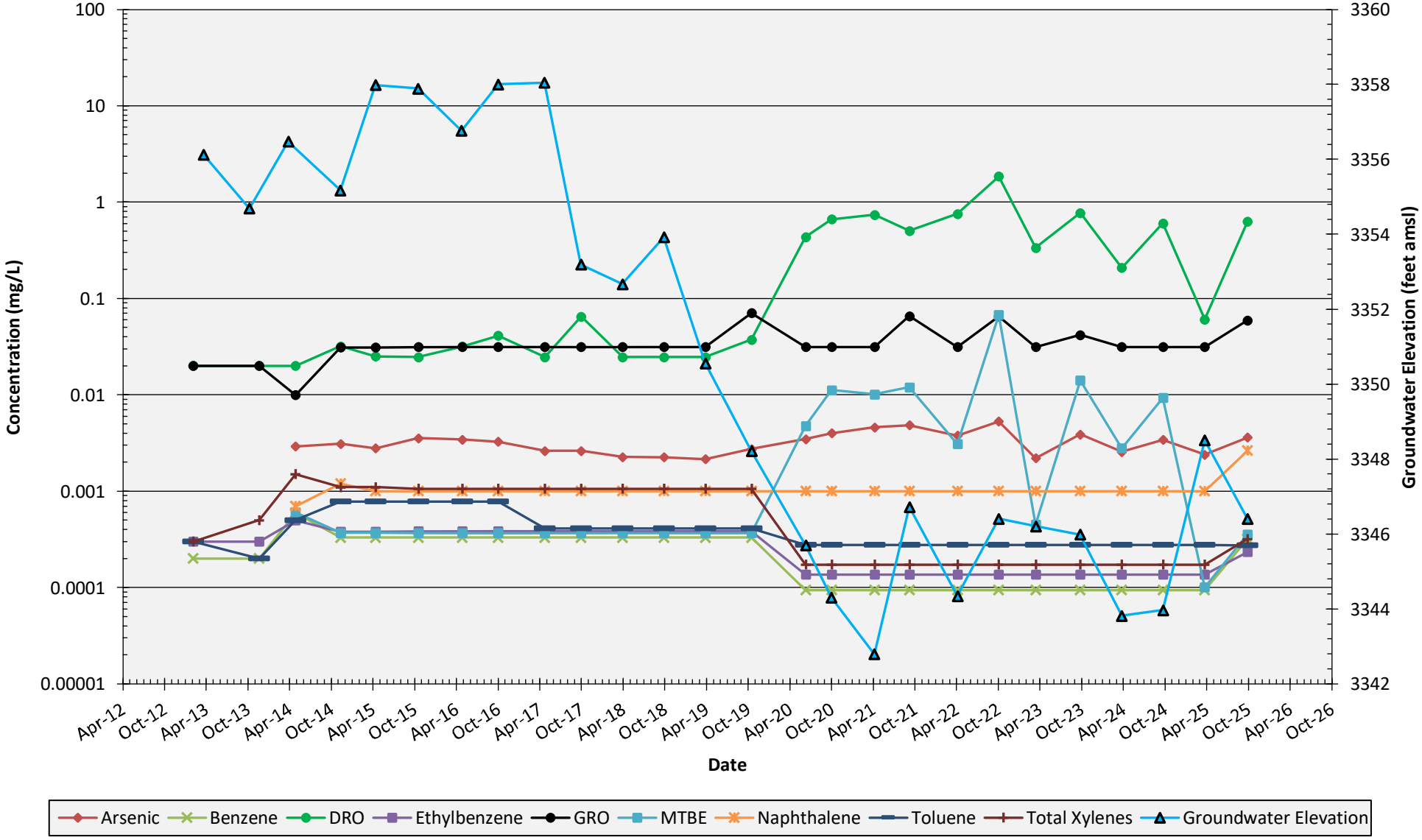


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-114: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Reverse Osmosis Reject Field



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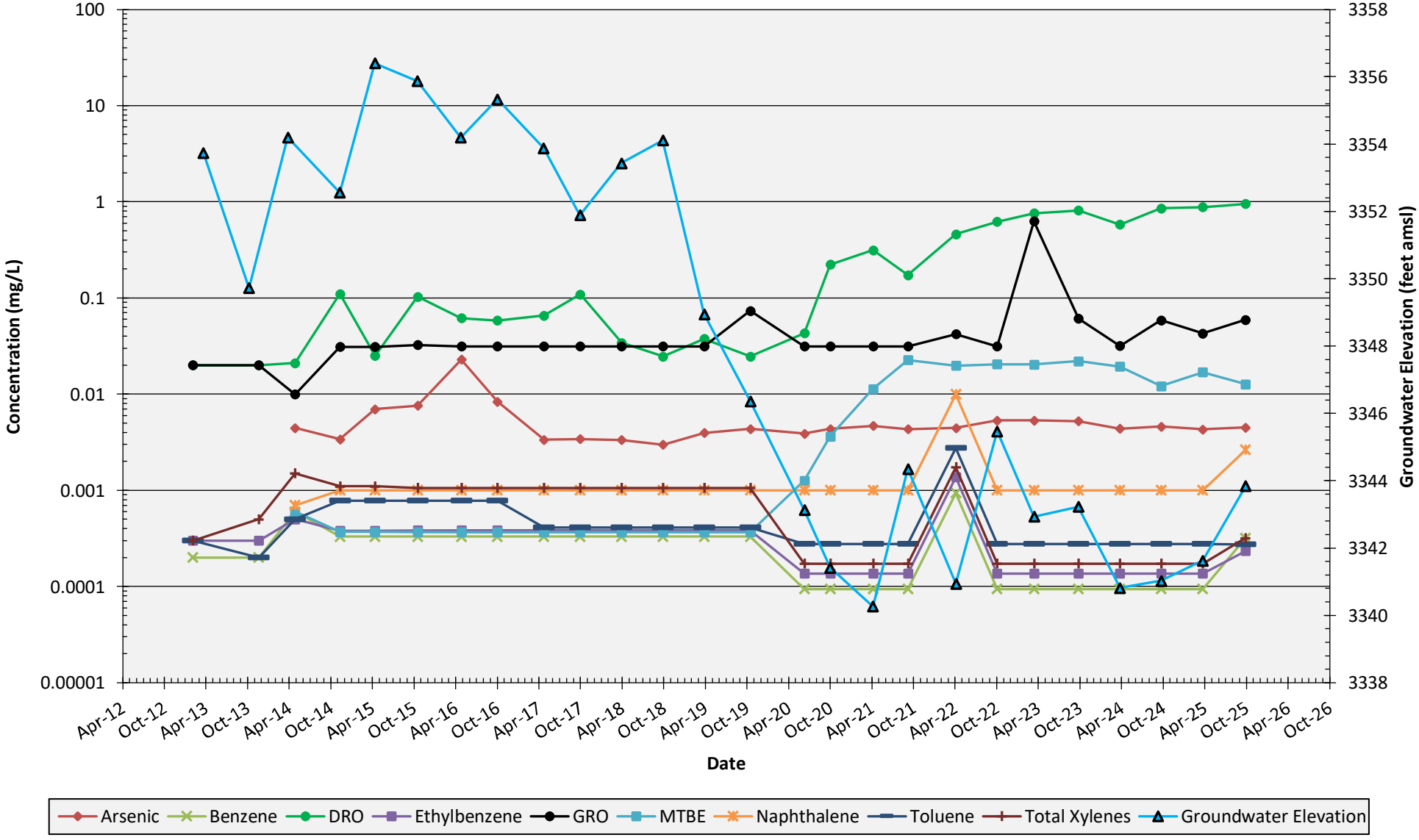
Received by OCD: 6/15/2026 7:23:14 PM

MW-115: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Reverse Osmosis Reject Field

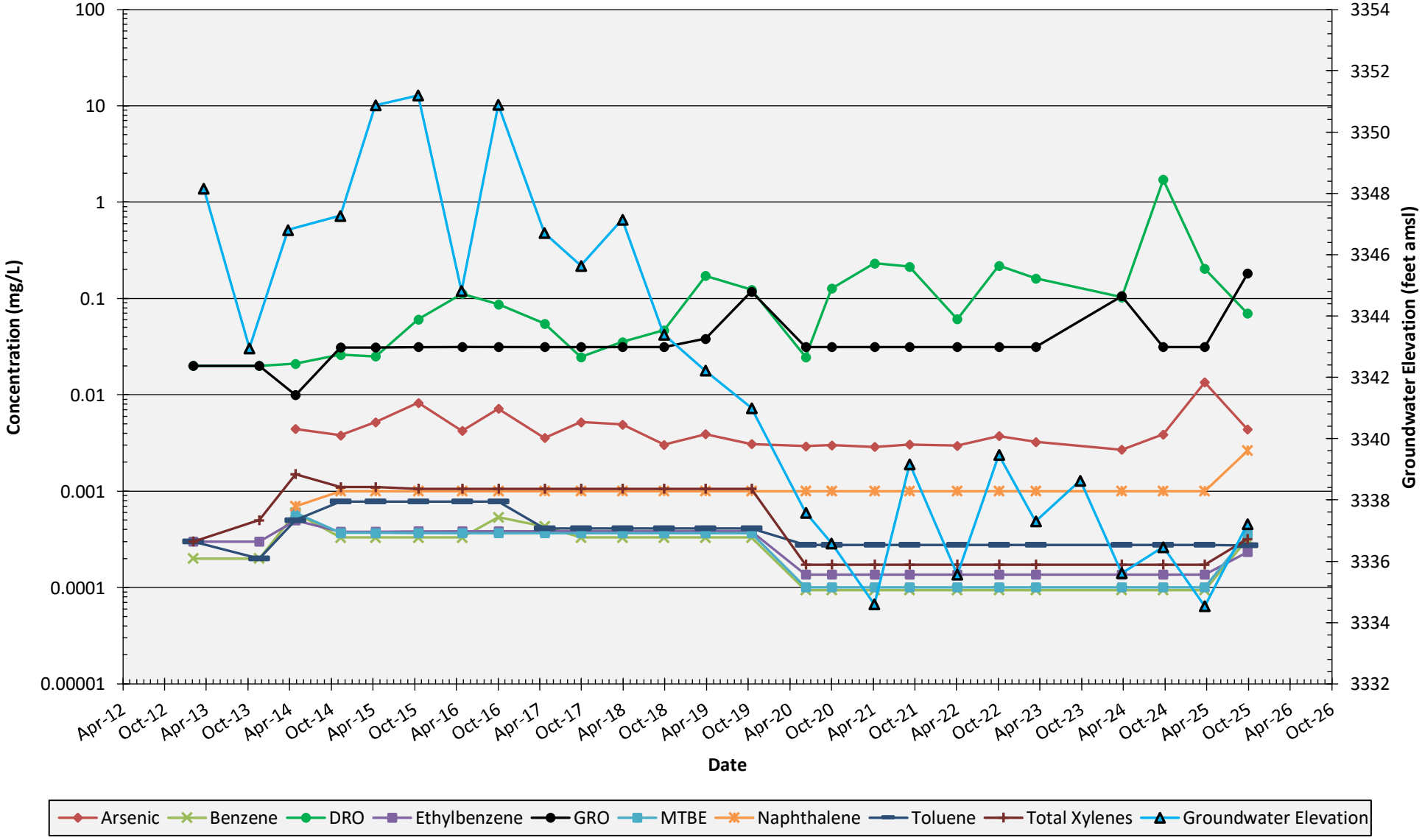


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-116: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Reverse Osmosis Reject Field



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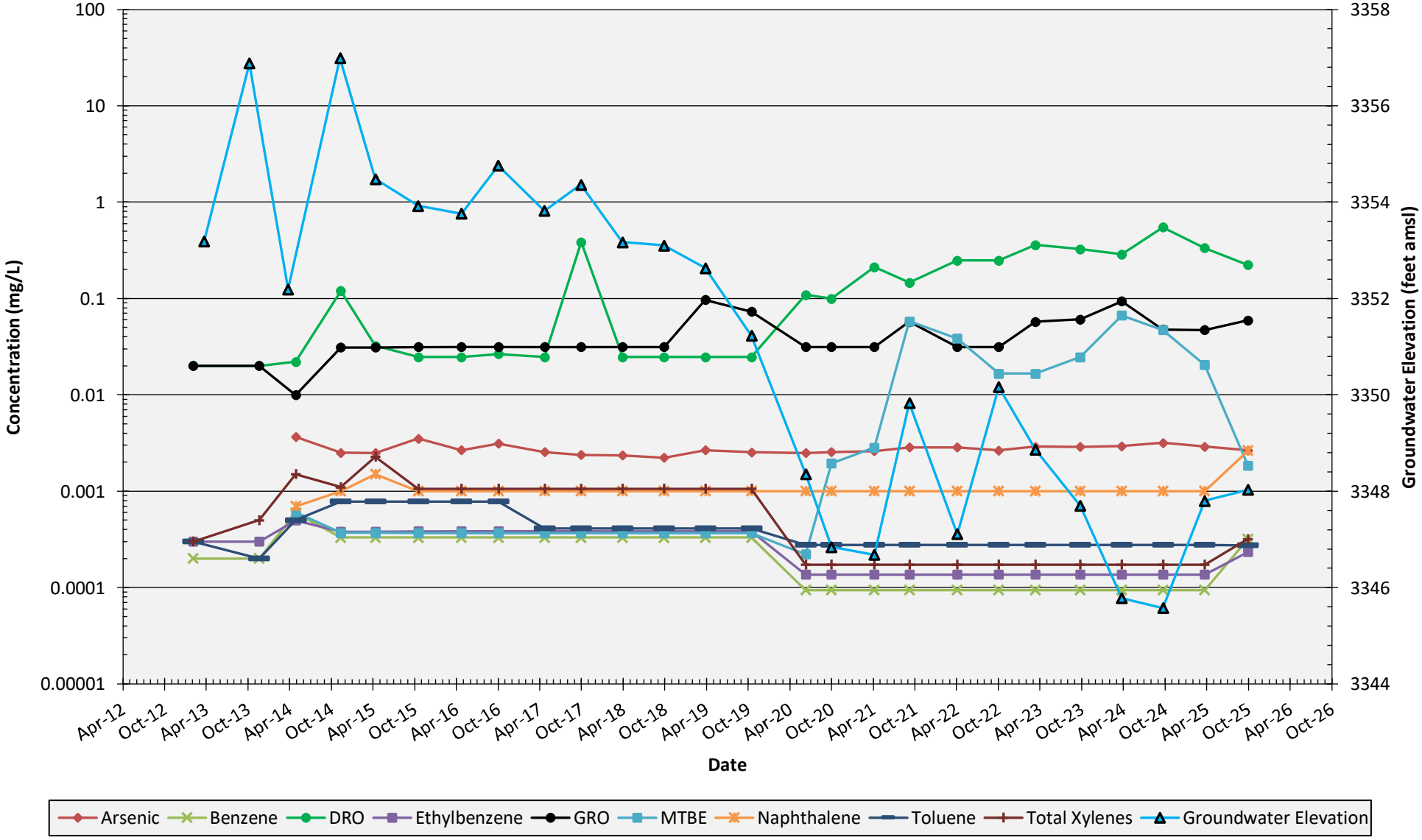
Received by OCD: 6/15/2026 7:23:14 PM

MW-117: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Reverse Osmosis Reject Field



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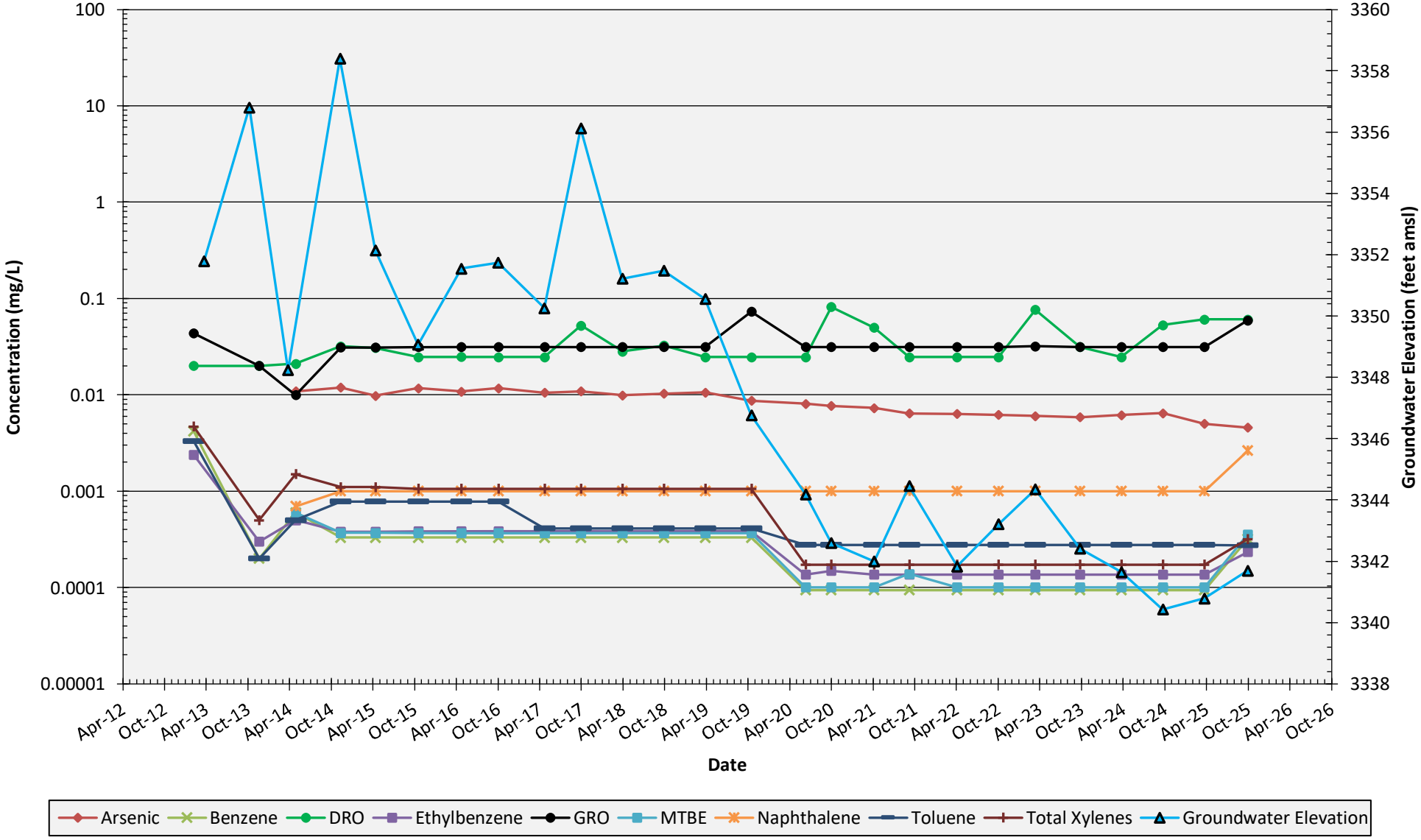
Received by OCD: 6/15/2026 7:23:14 PM

MW-118: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Reverse Osmosis Reject Field



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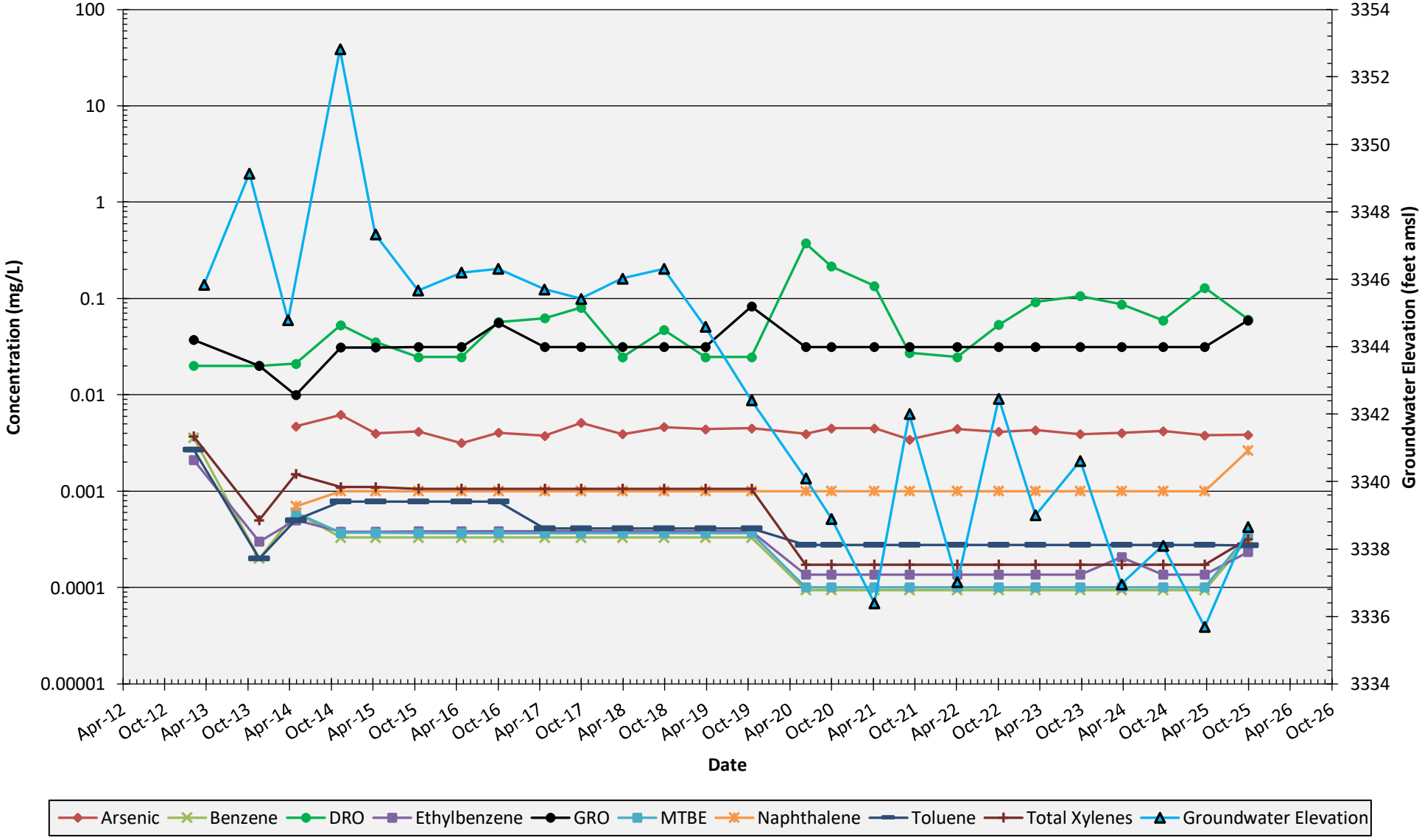
Received by OCD: 6/15/2026 7:23:14 PM

MW-119: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Reverse Osmosis Reject Field

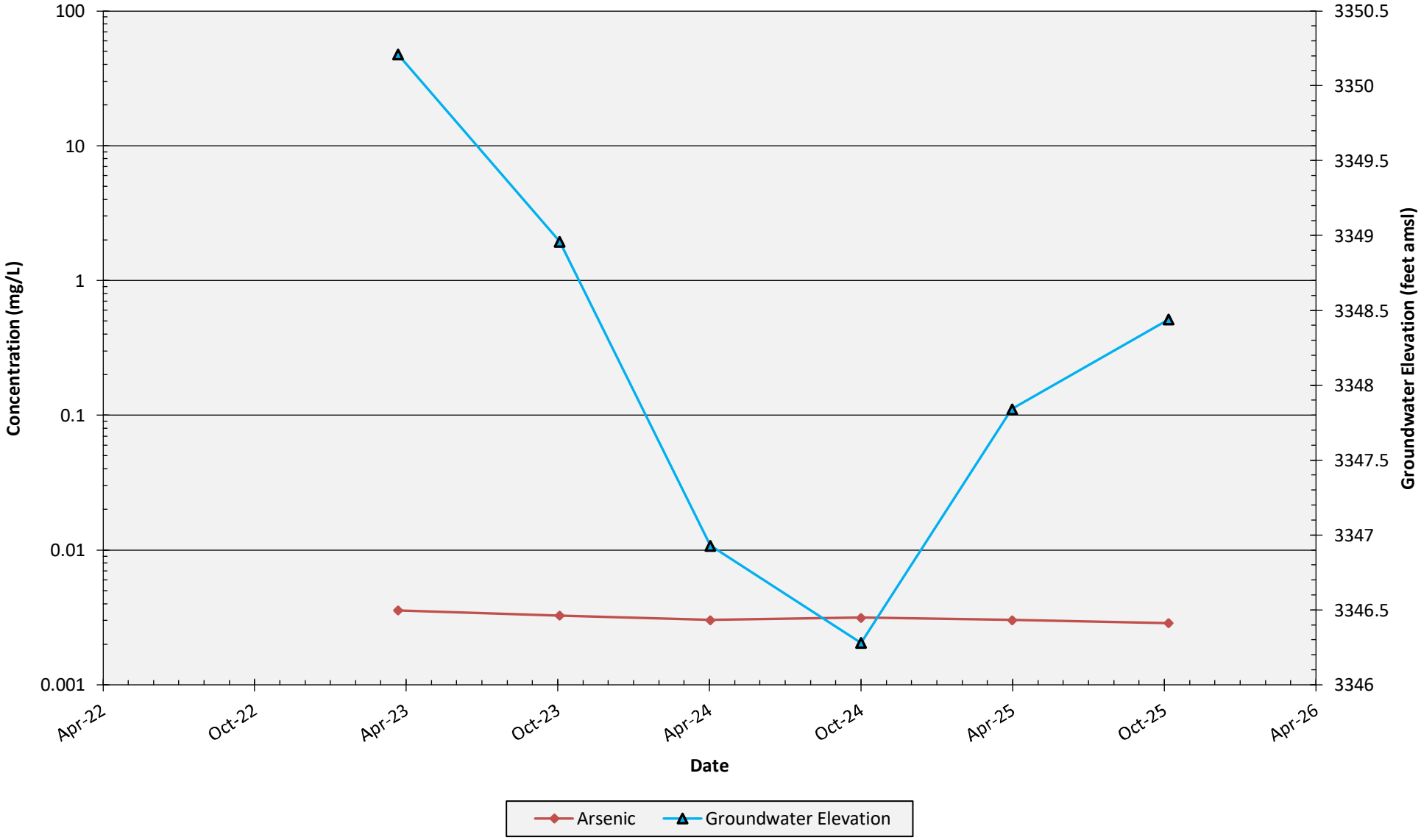


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-140: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Reverse Osmosis Reject Field



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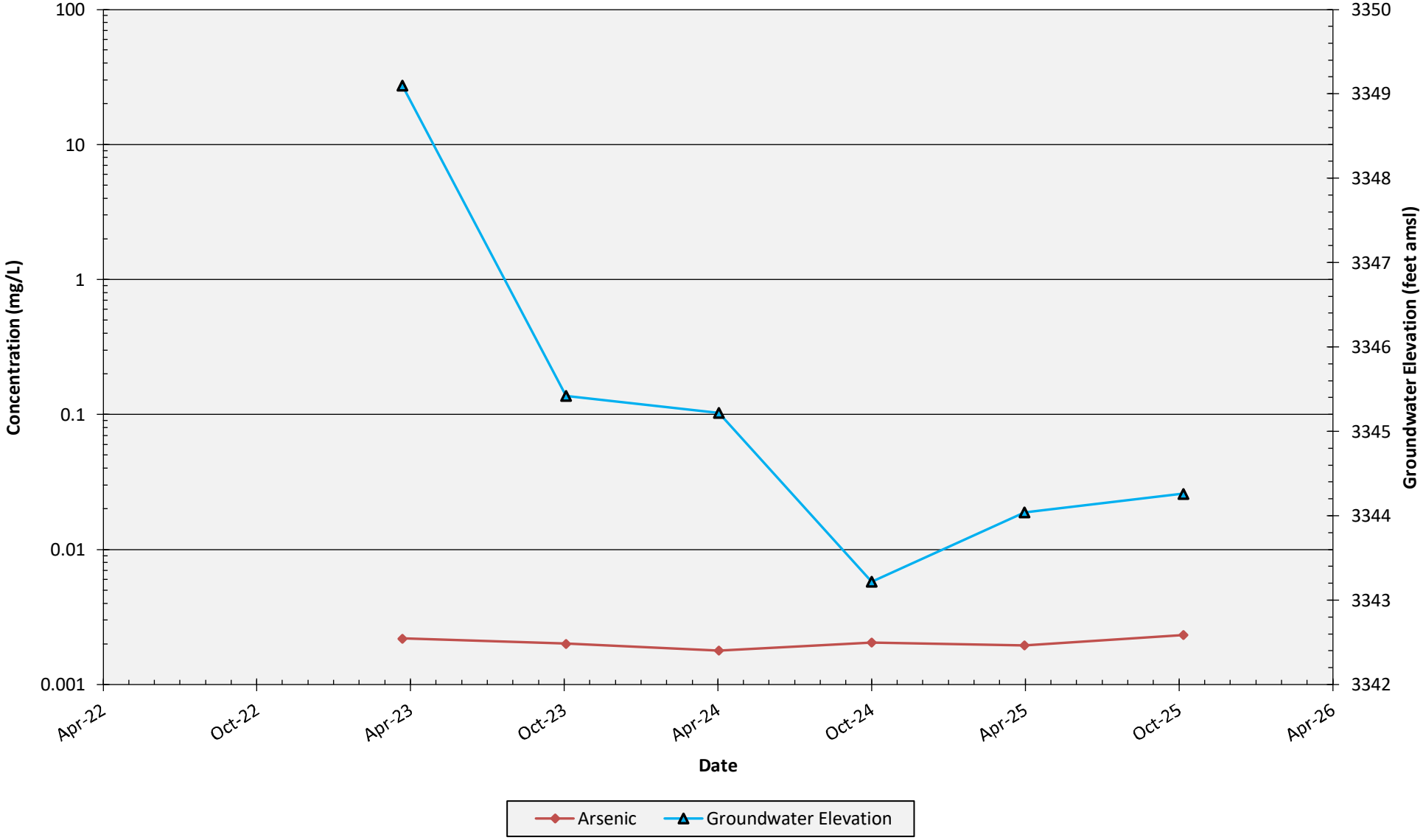
Received by OCD: 6/15/2026 7:23:14 PM

MW-141: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Reverse Osmosis Reject Field



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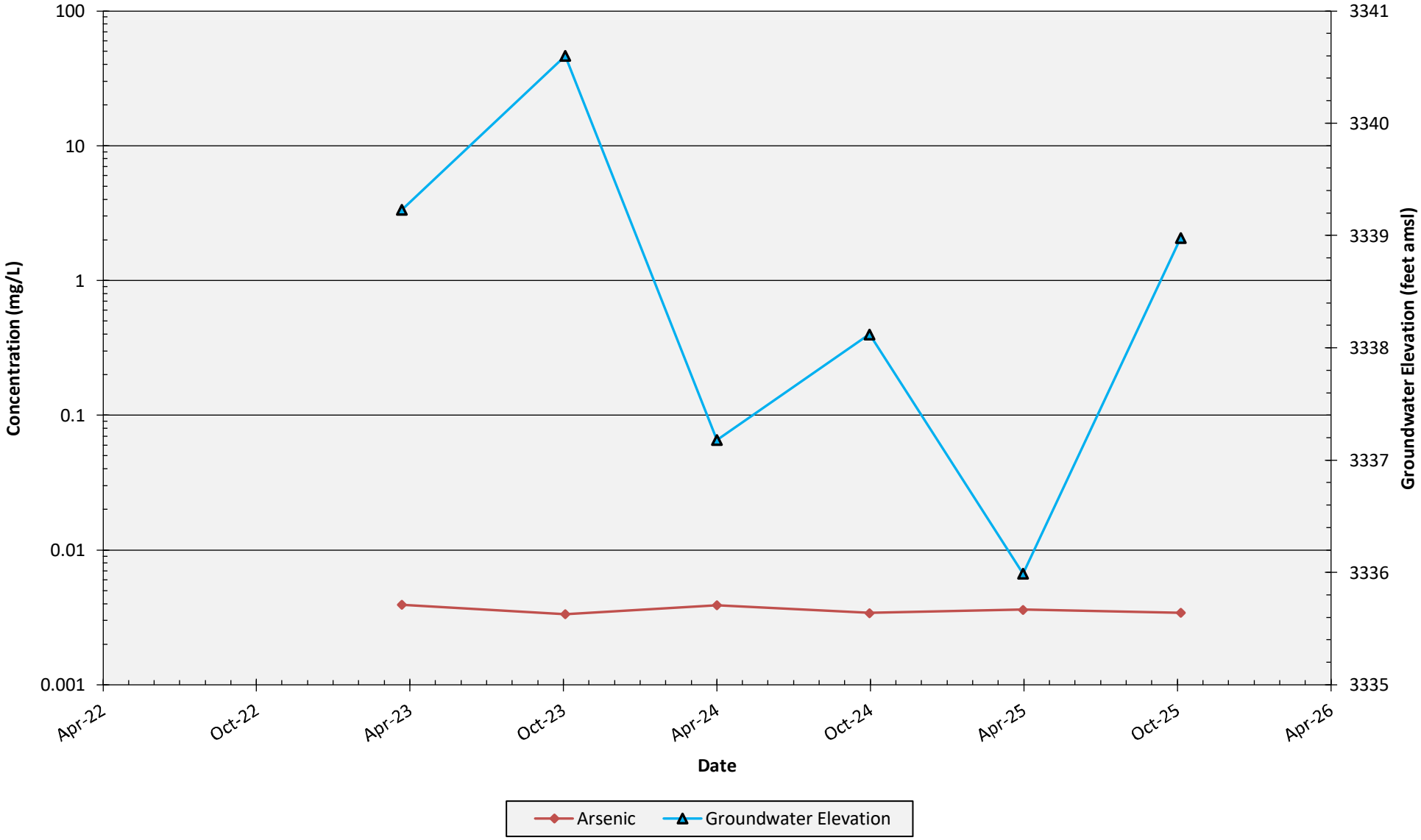
Received by OCD: 6/15/2026 7:23:14 PM

MW-142: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Reverse Osmosis Reject Field



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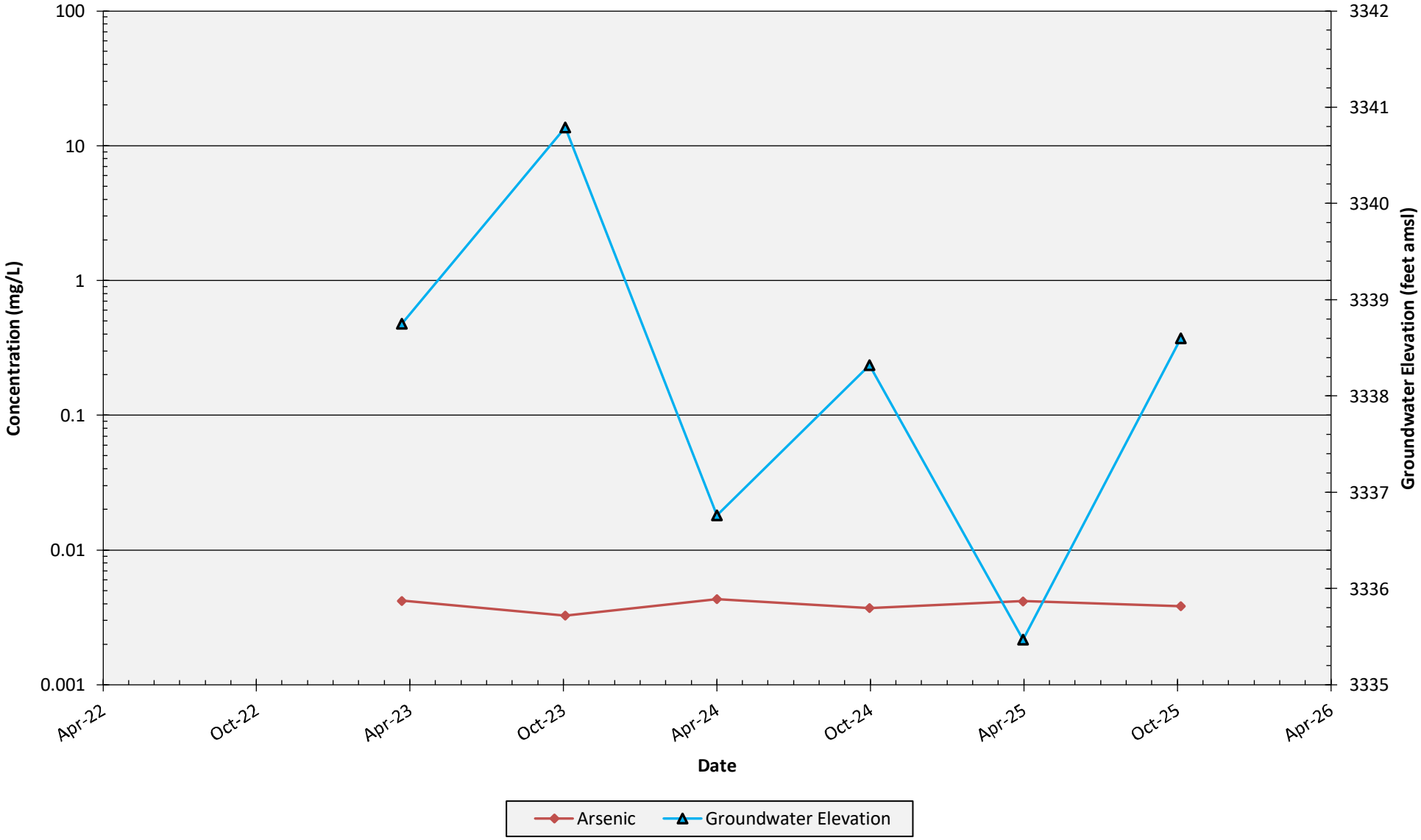
Received by OCD: 6/15/2026 7:23:14 PM

MW-143: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Reverse Osmosis Reject Field

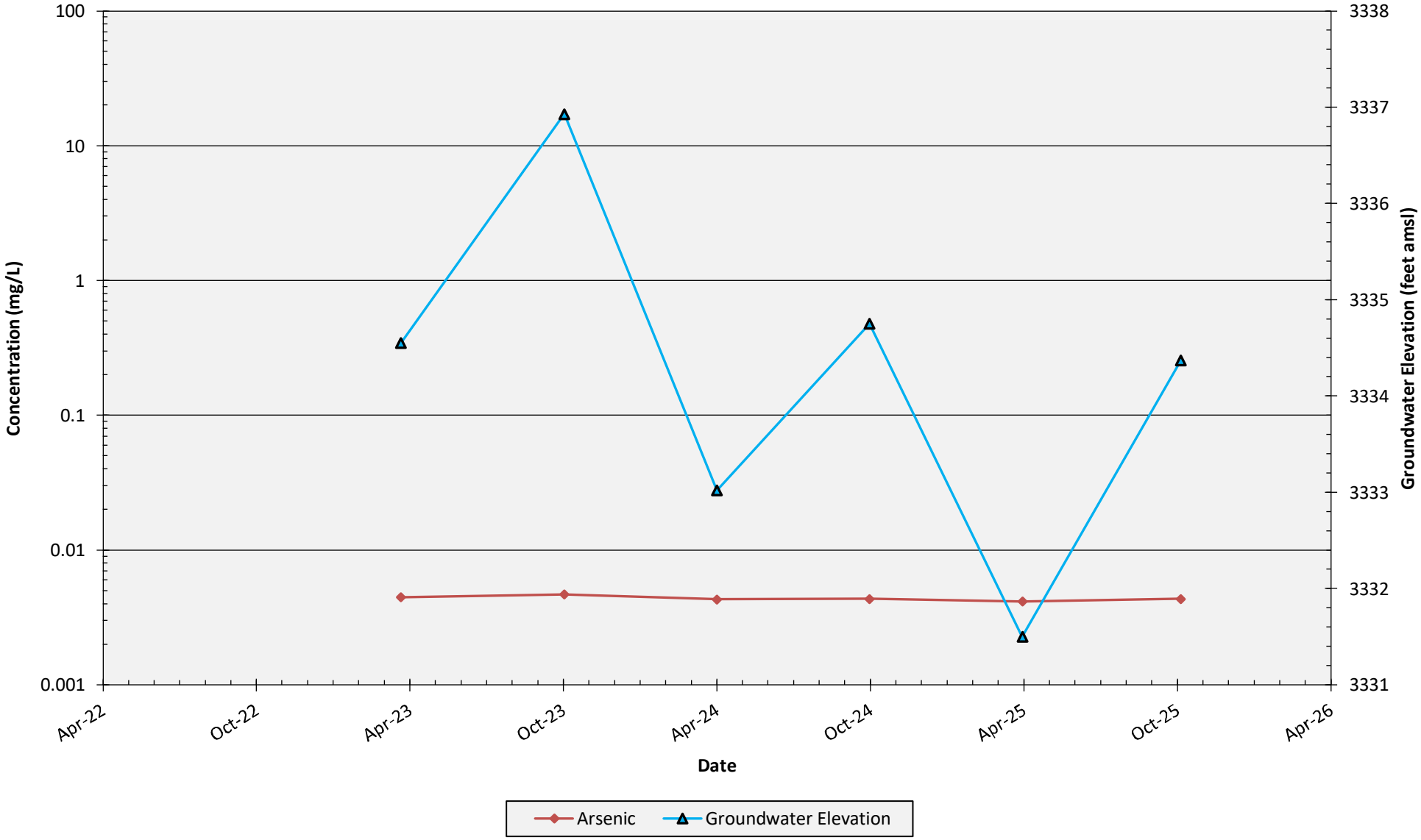


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-144: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Reverse Osmosis Reject Field

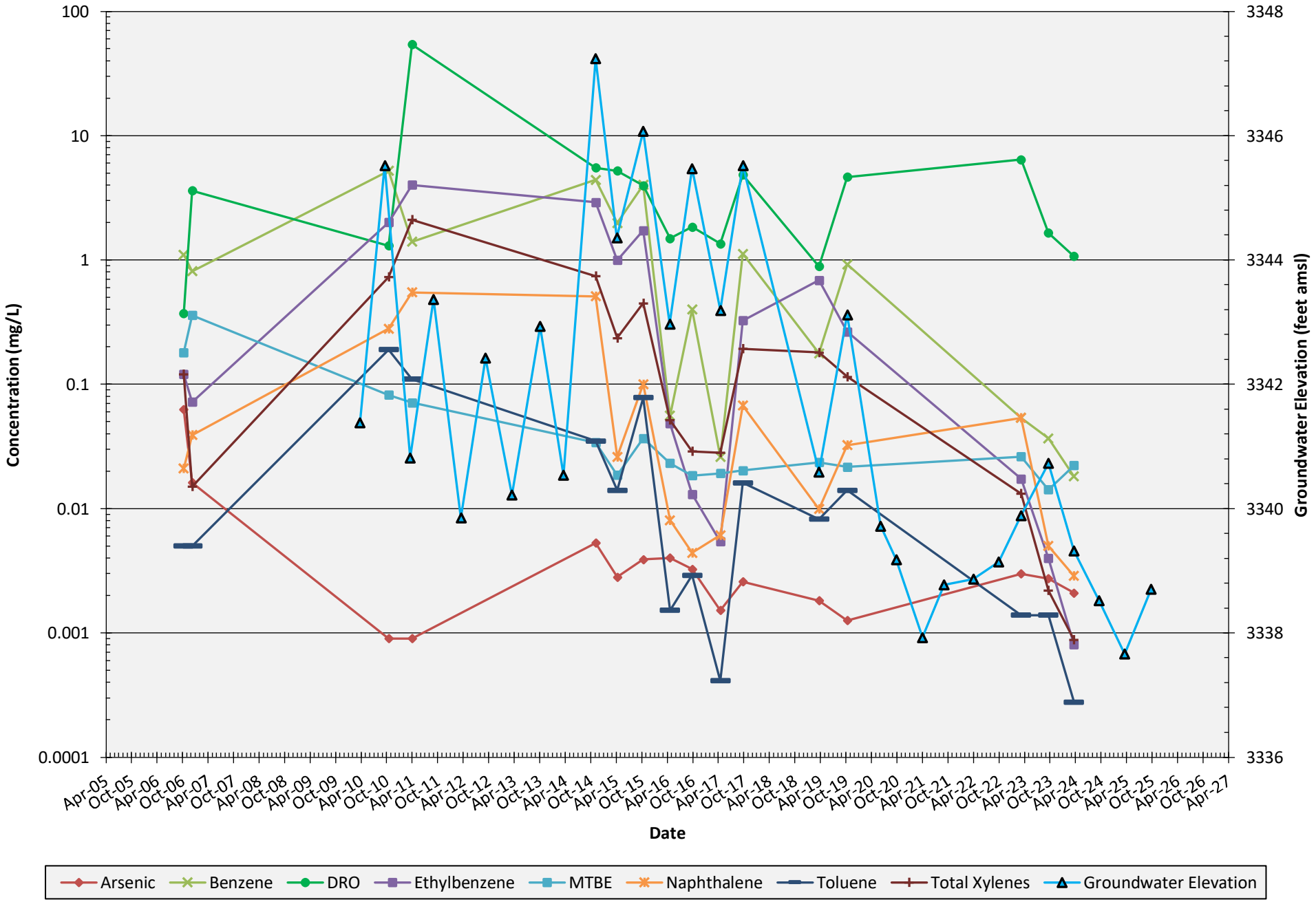


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

KWB-2R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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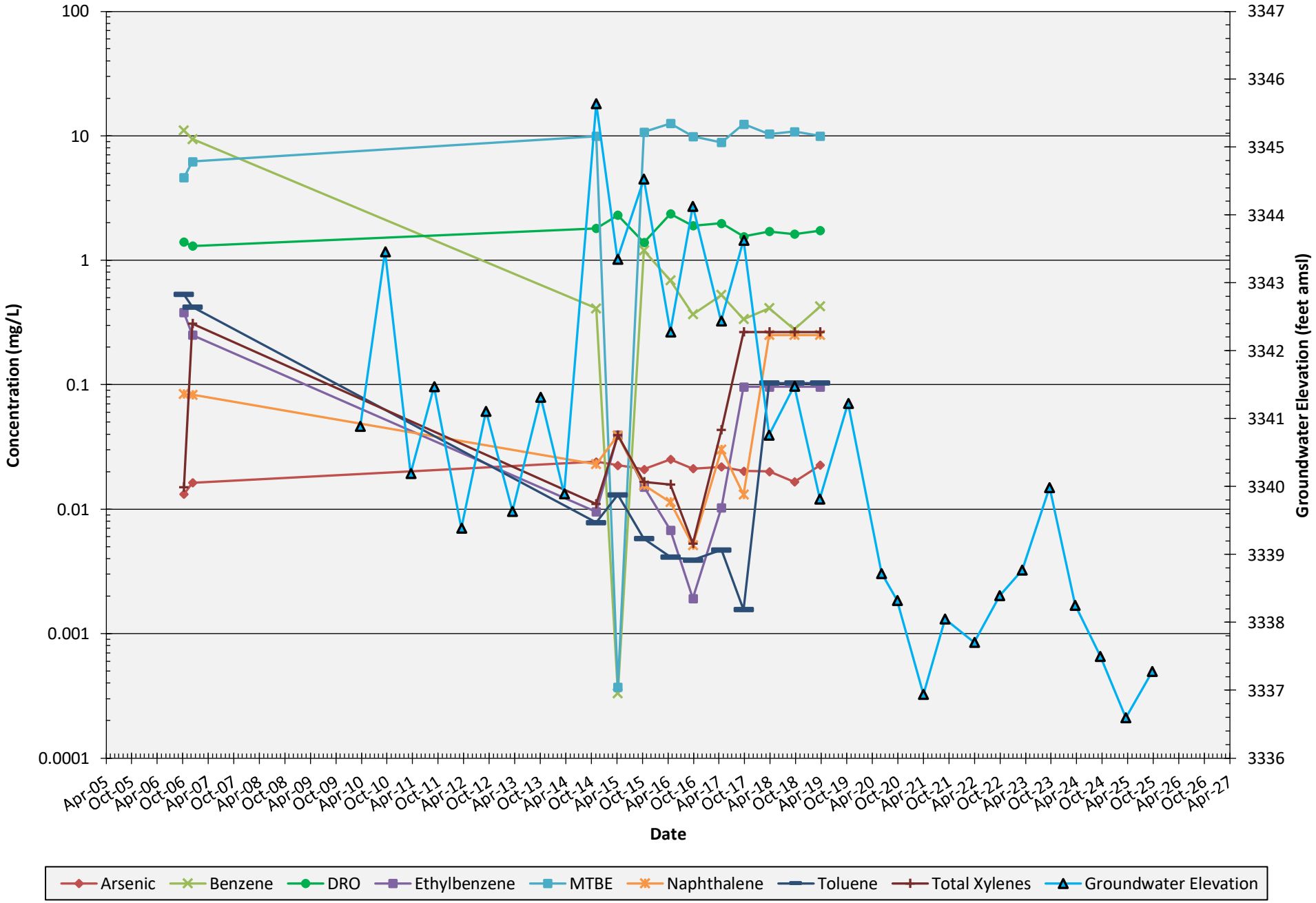
Received by OCD: 6/15/2026 7:23:14 PM

KWB-5: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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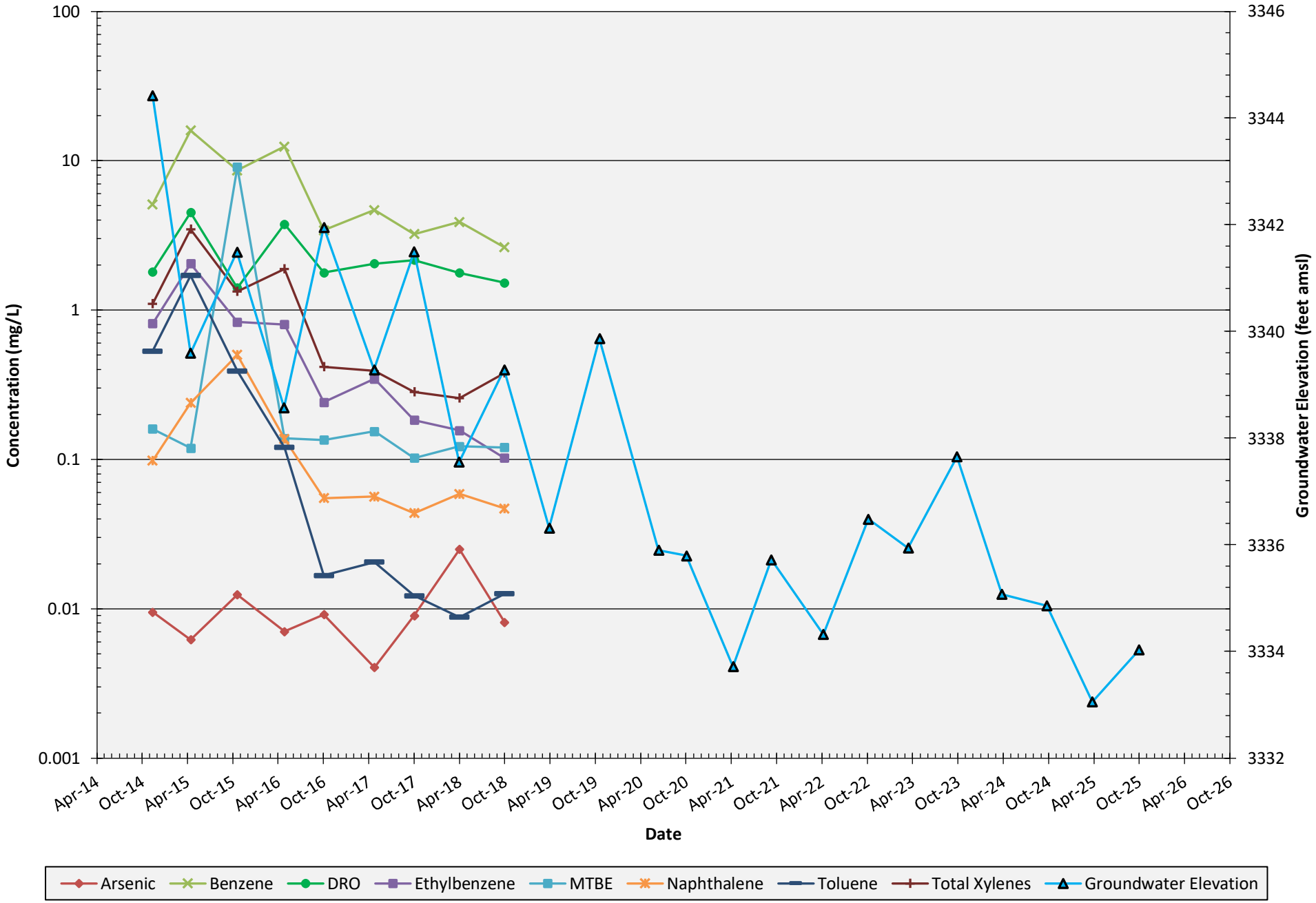
Received by OCD: 6/15/2026 7:23:14 PM

KWB-6: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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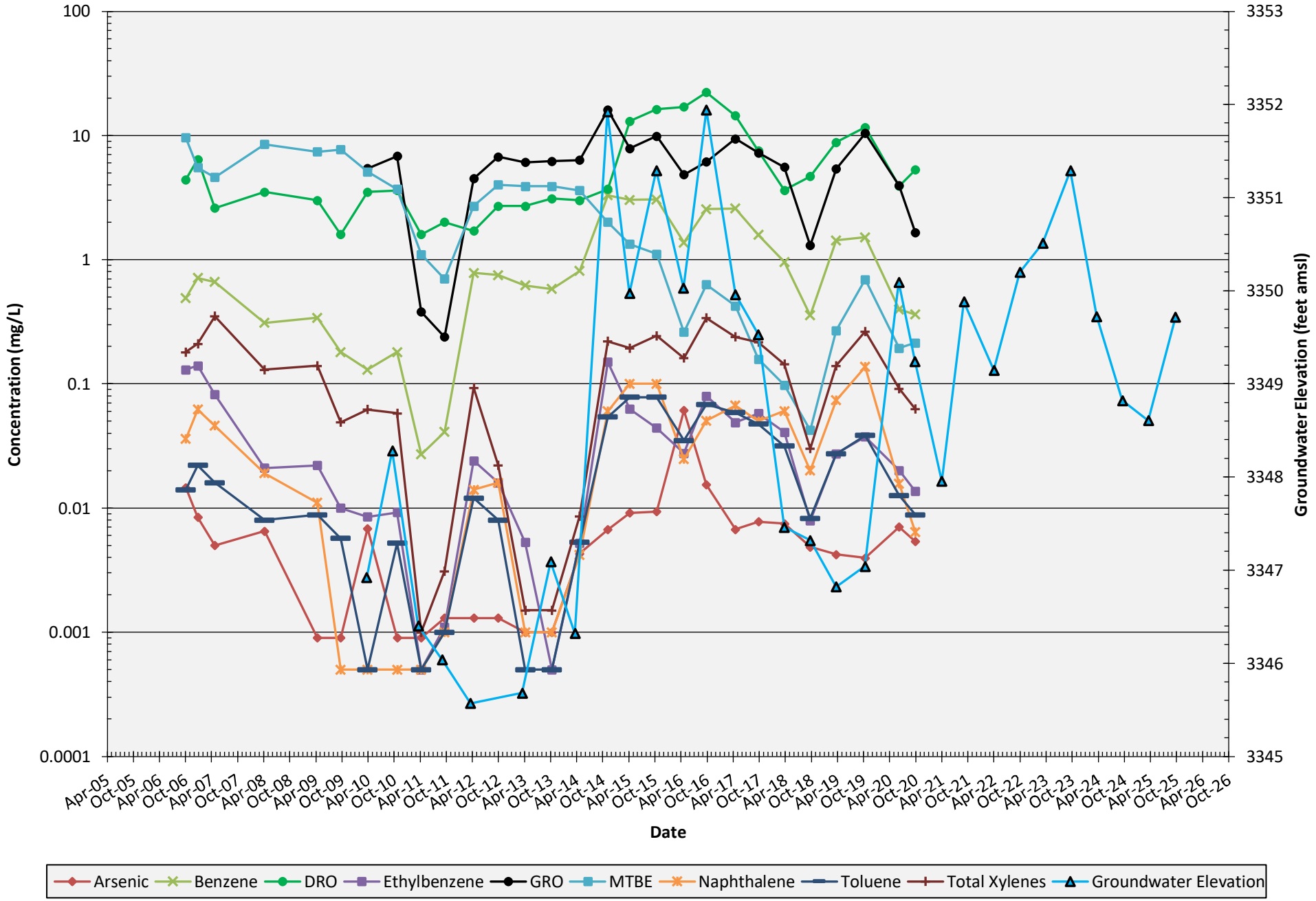
Received by OCD: 6/15/2026 7:23:14 PM

MW-28: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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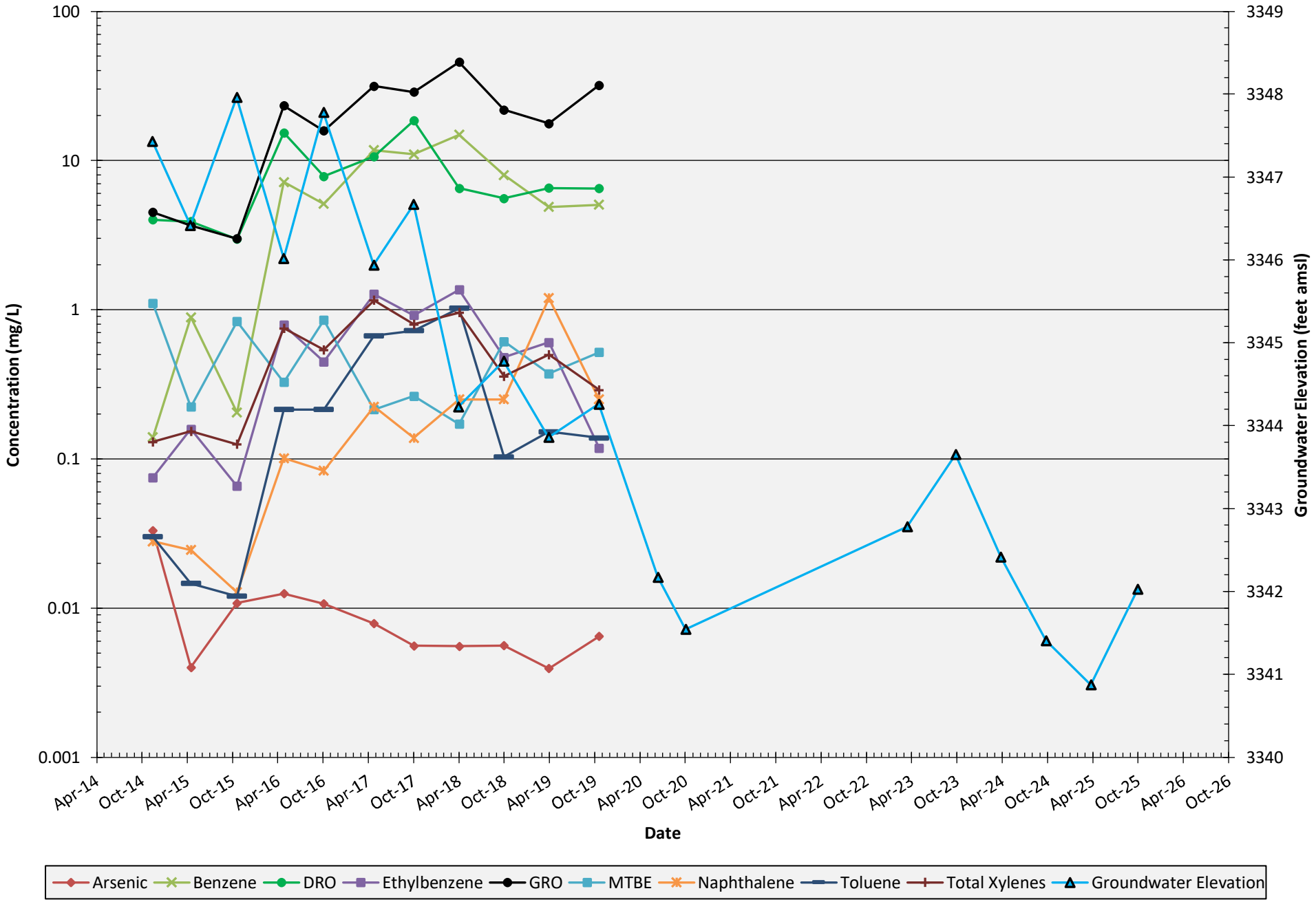
MW-48: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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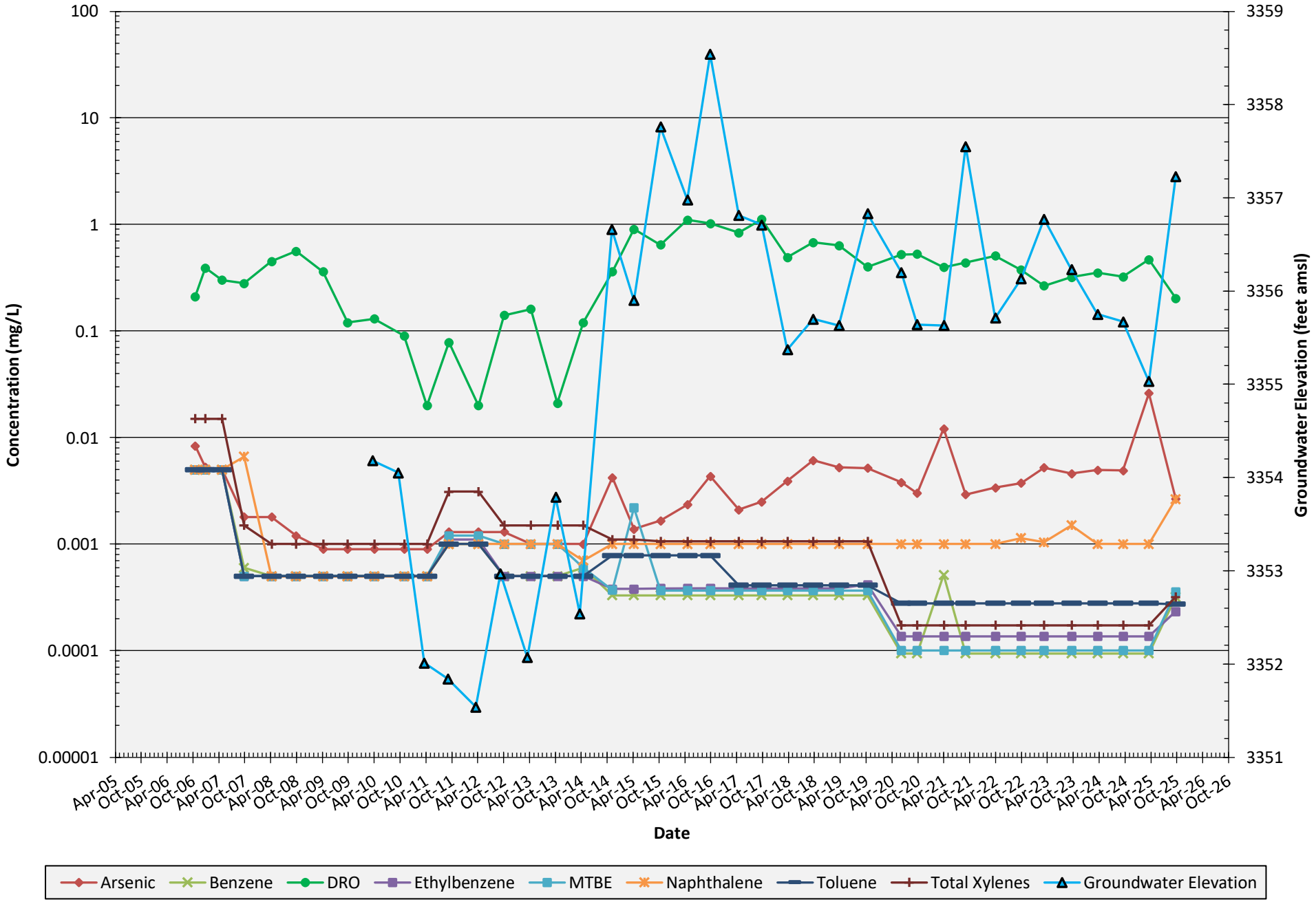
MW-50: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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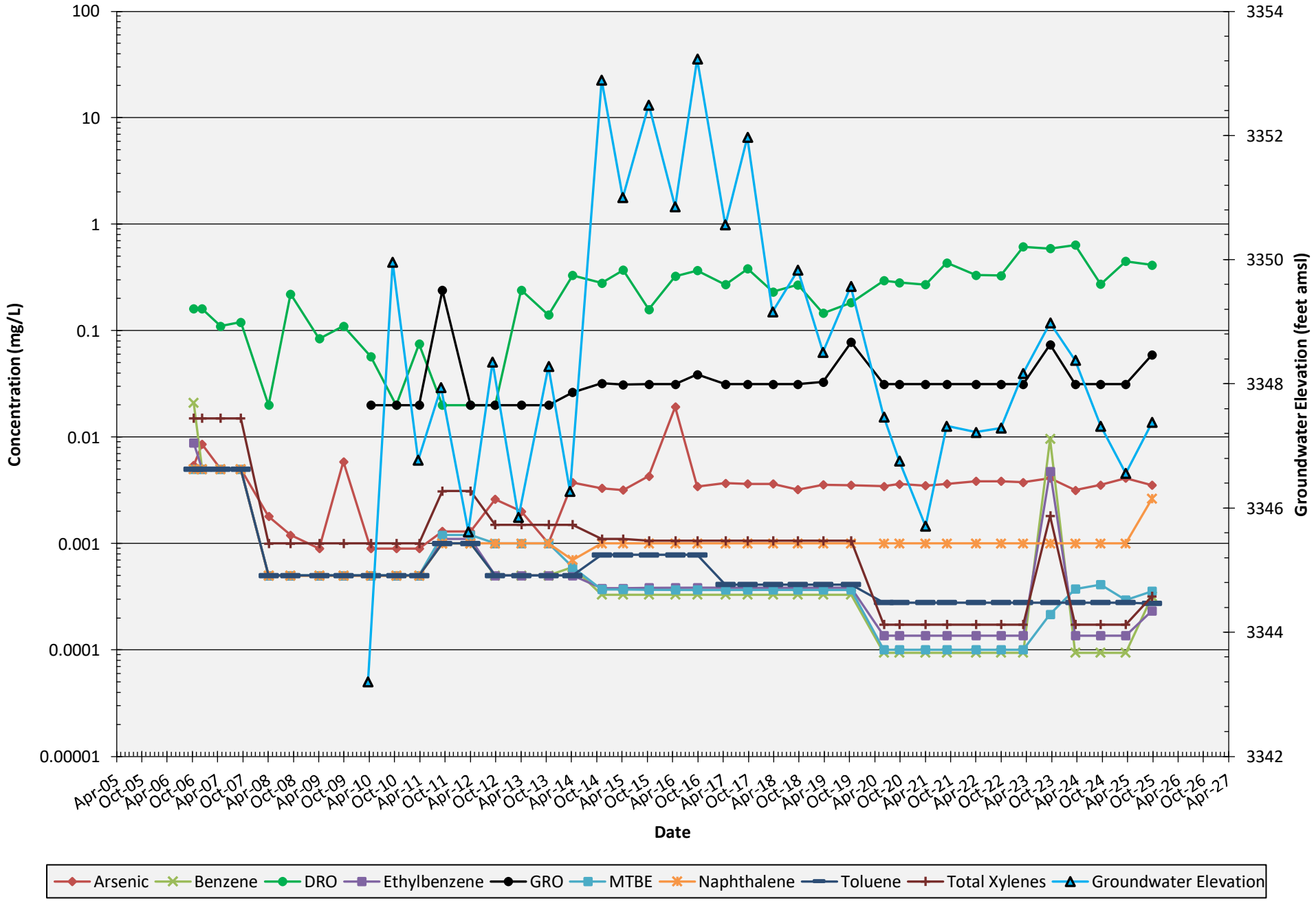
Received by OCD: 6/15/2026 7:23:14 PM

MW-52: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

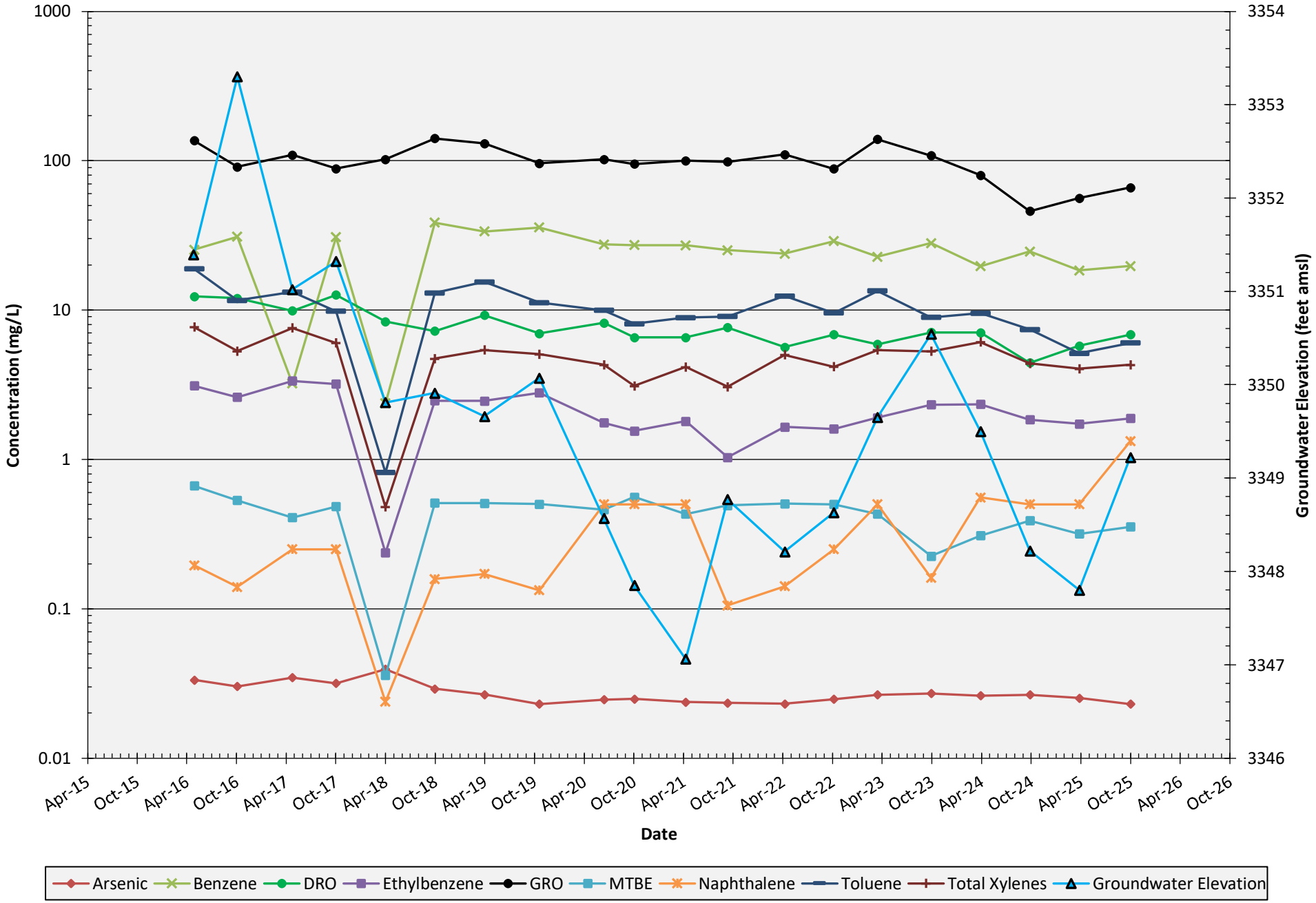


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-64: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

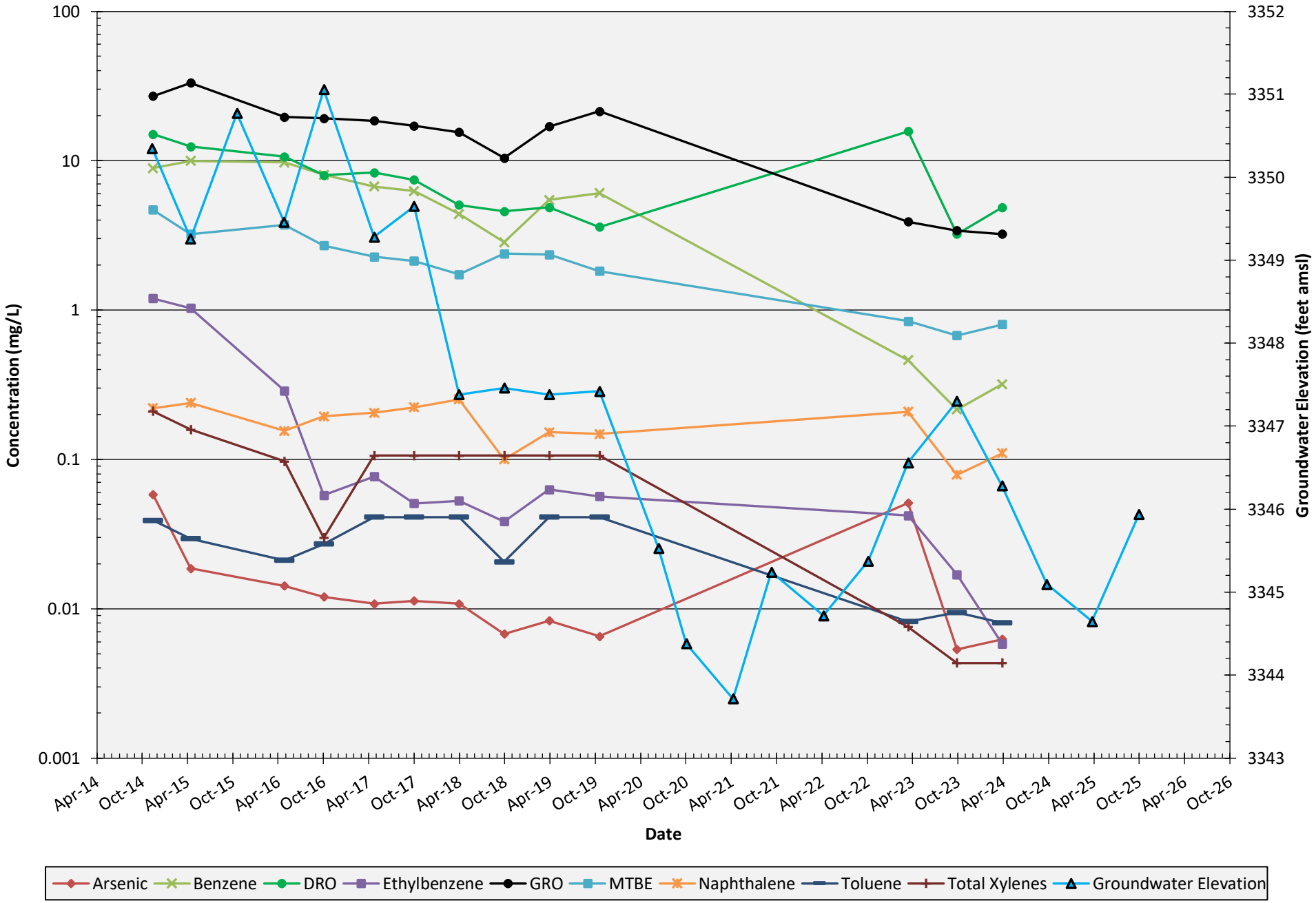


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-65: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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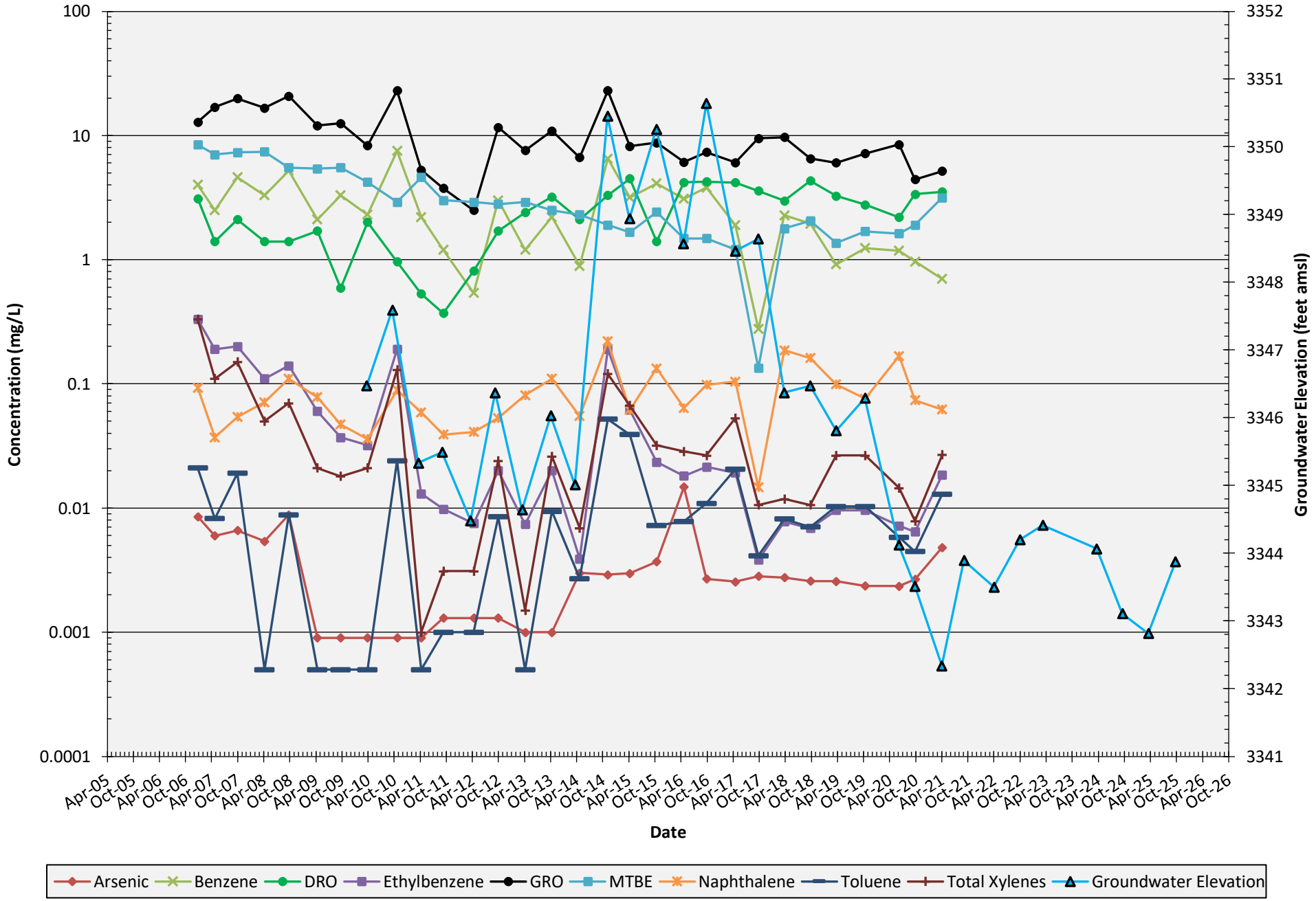
Received by OCD: 6/15/2026 7:23:14 PM

MW-66: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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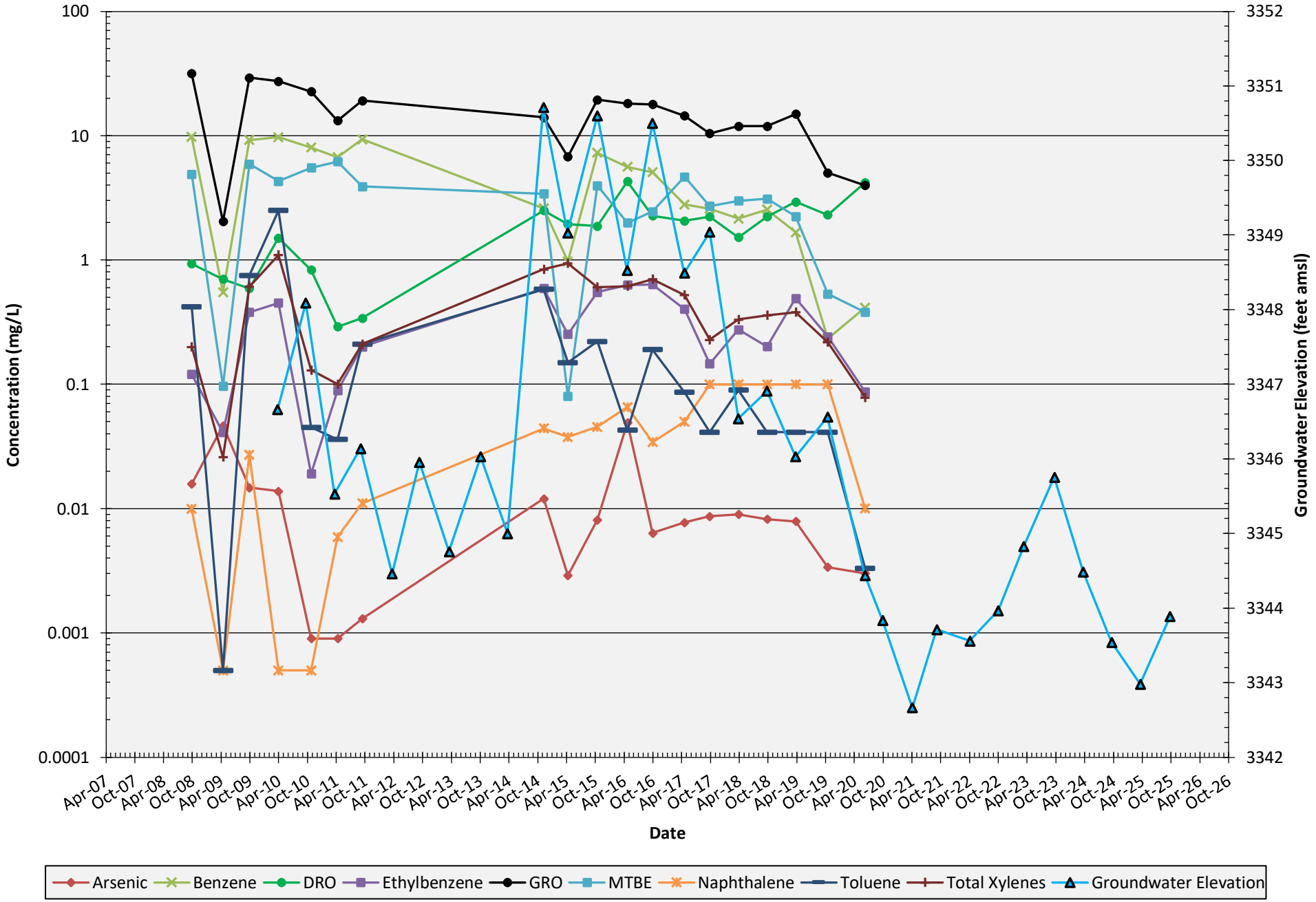
Received by OCD: 6/15/2026 7:23:14 PM

MW-99: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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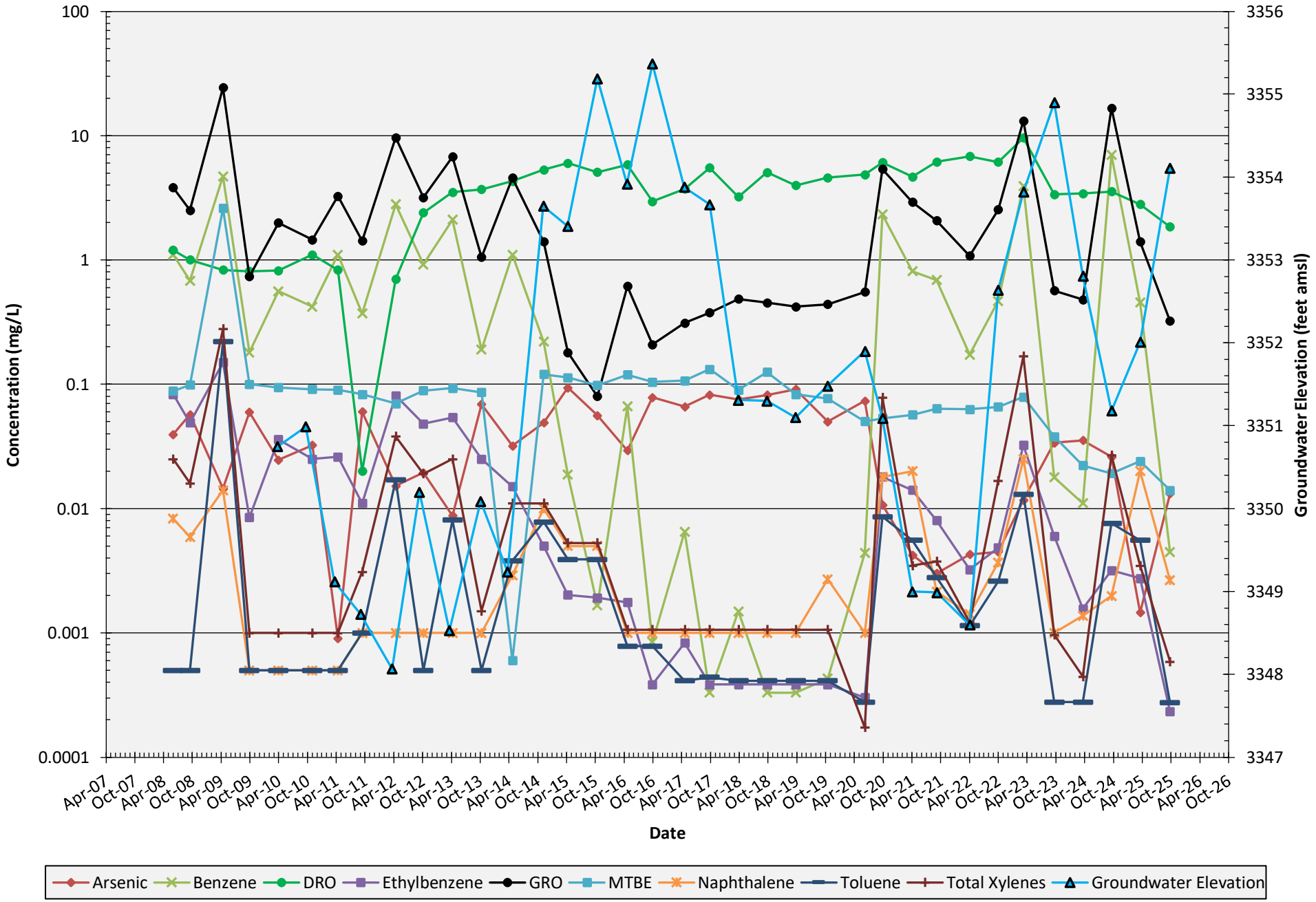
Received by OCD: 6/15/2026 7:23:14 PM

MW-101: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

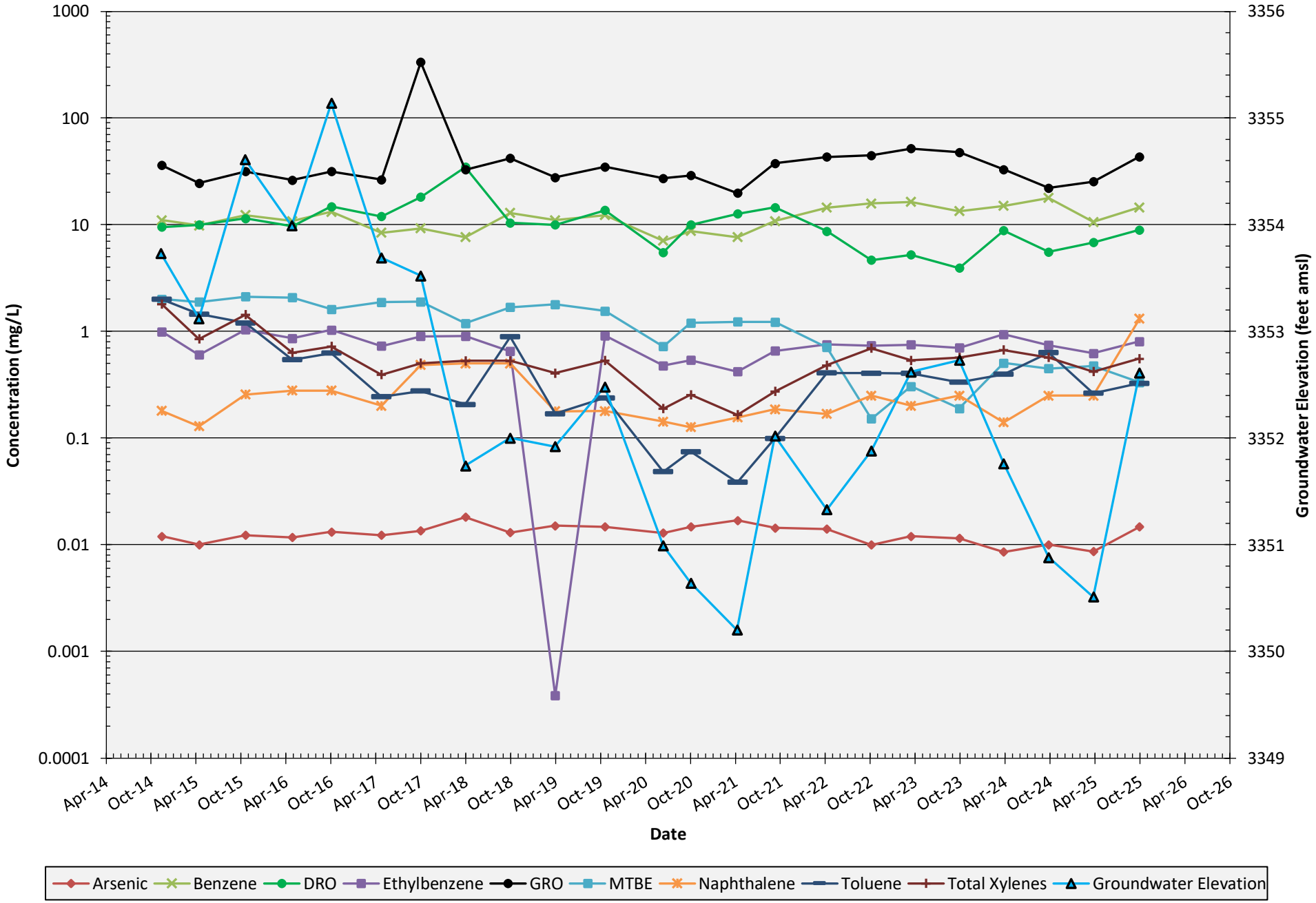


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-102: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

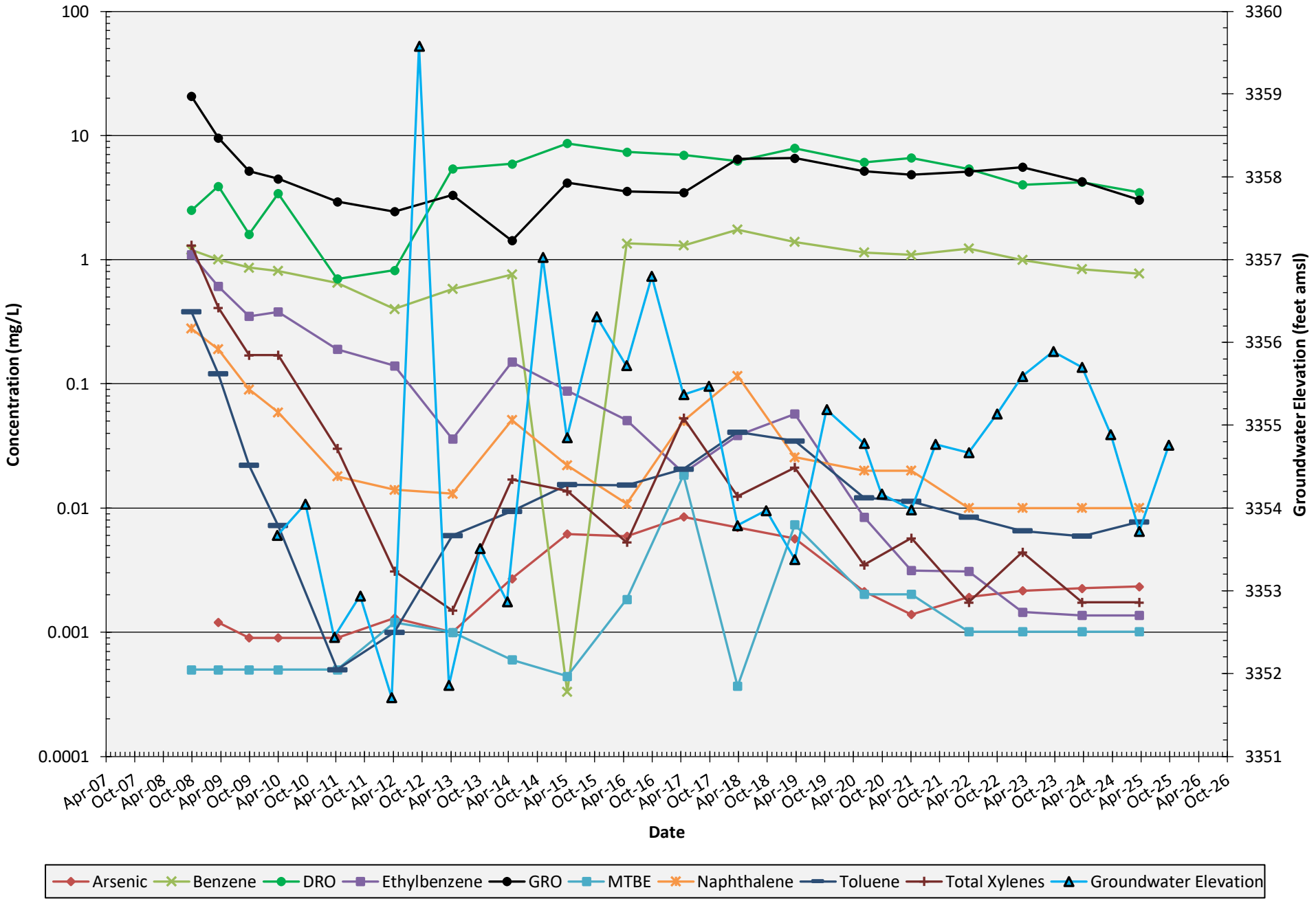


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-103: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



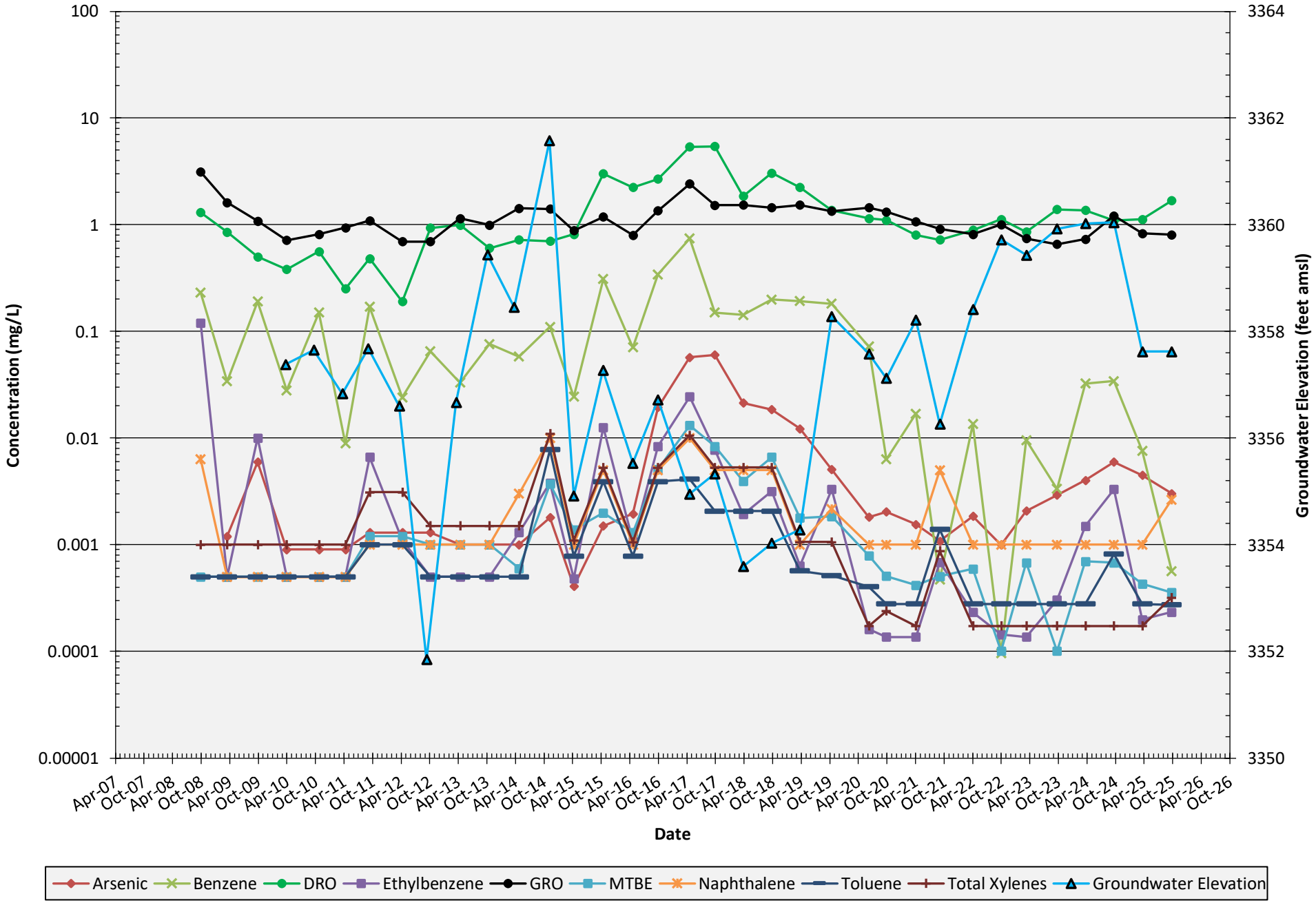
Released to Imaging: 6/26/2026 3:07:01 PM

Received by OCD: 6/15/2026 7:23:14 PM

MW-104: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

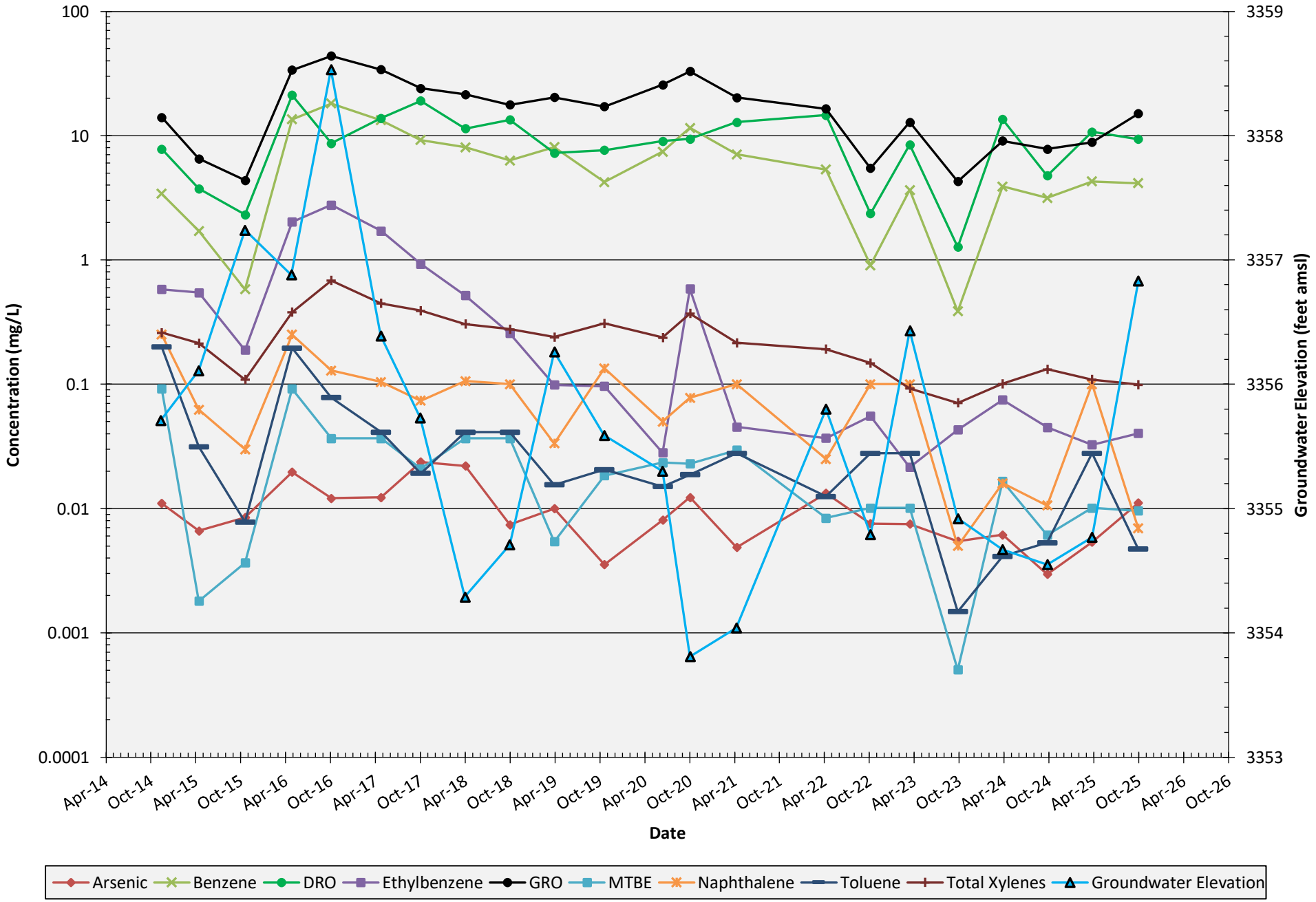


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-105: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

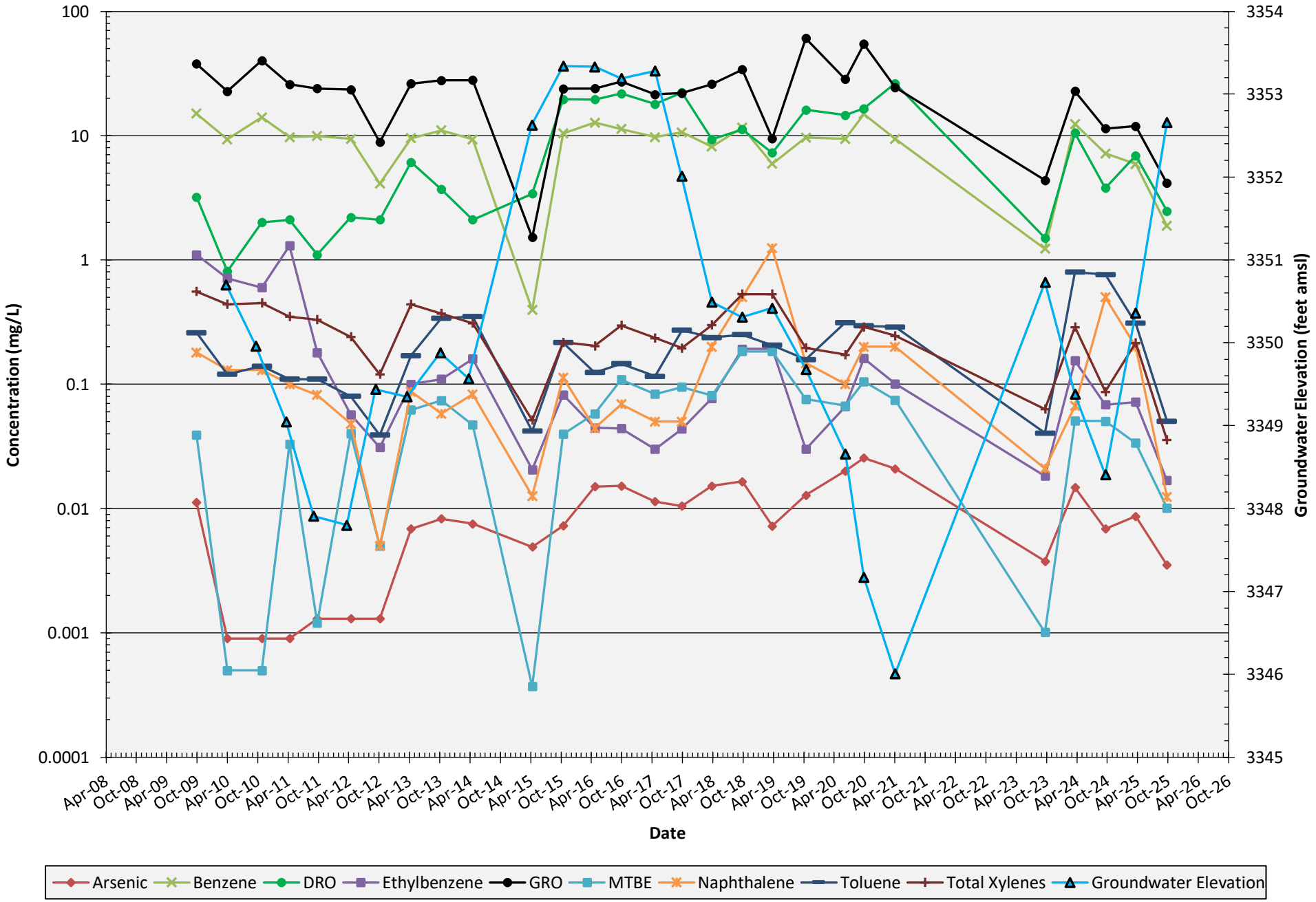


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-106: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

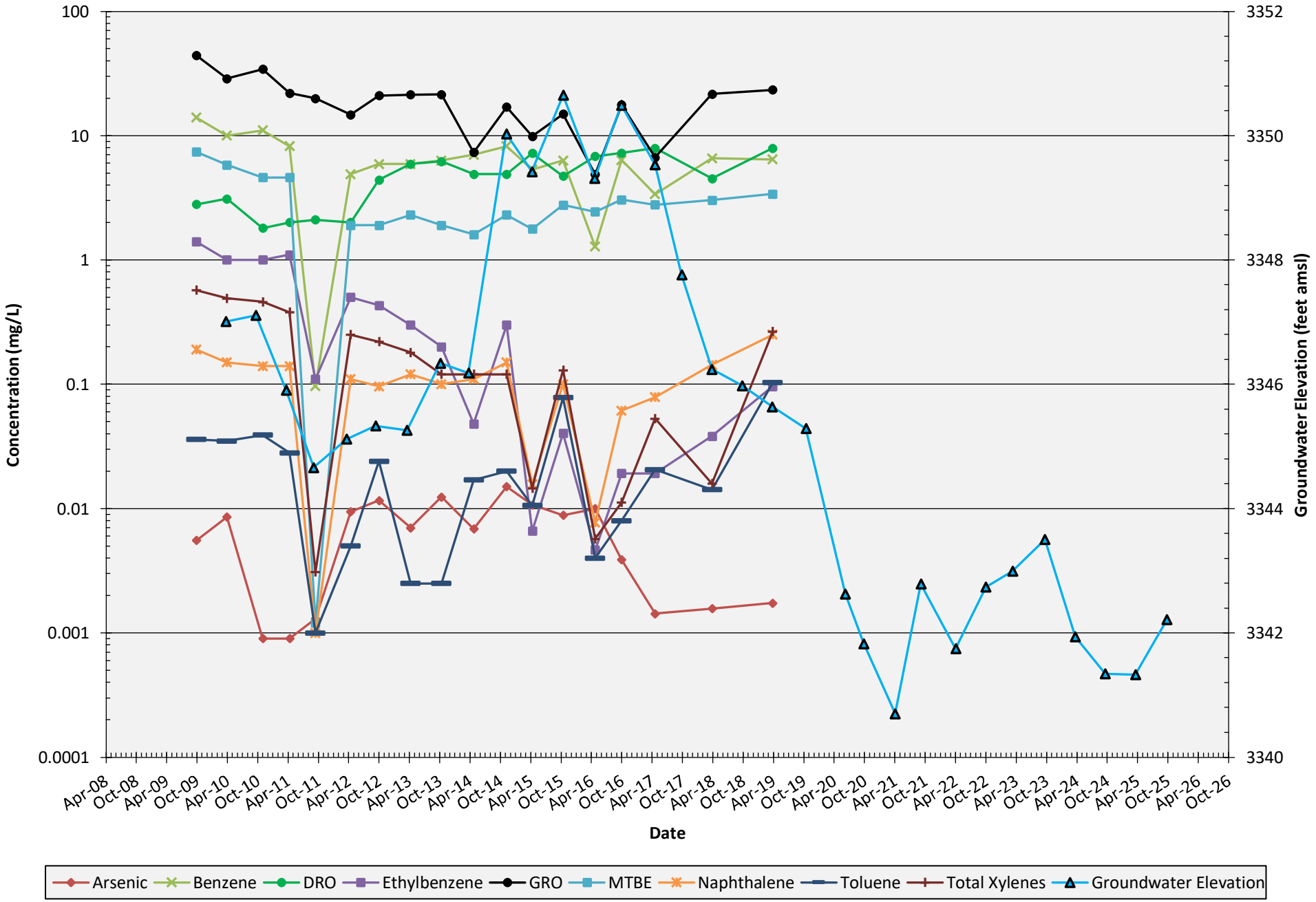


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-107: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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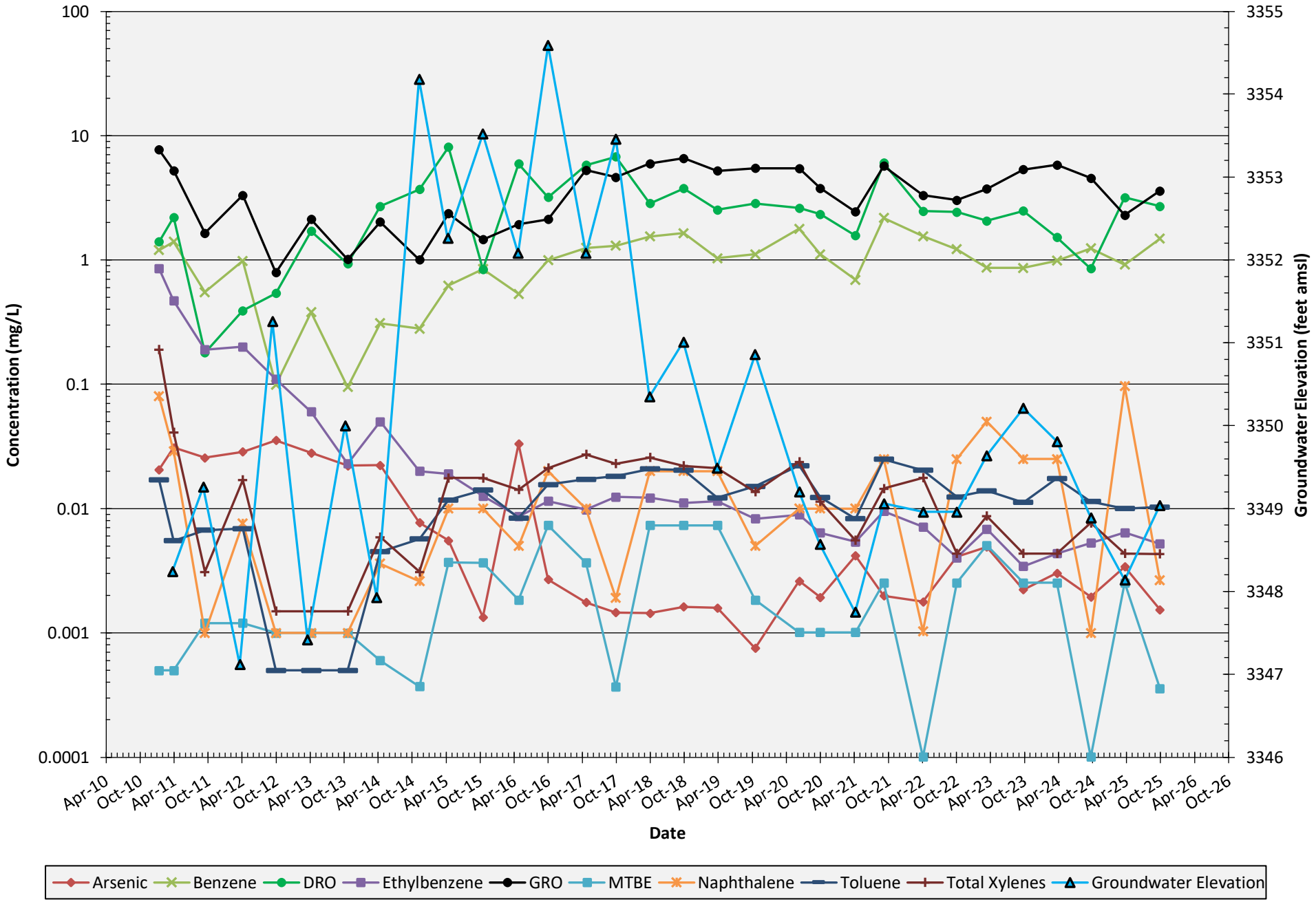
Received by OCD: 6/15/2026 7:23:14 PM

MW-109: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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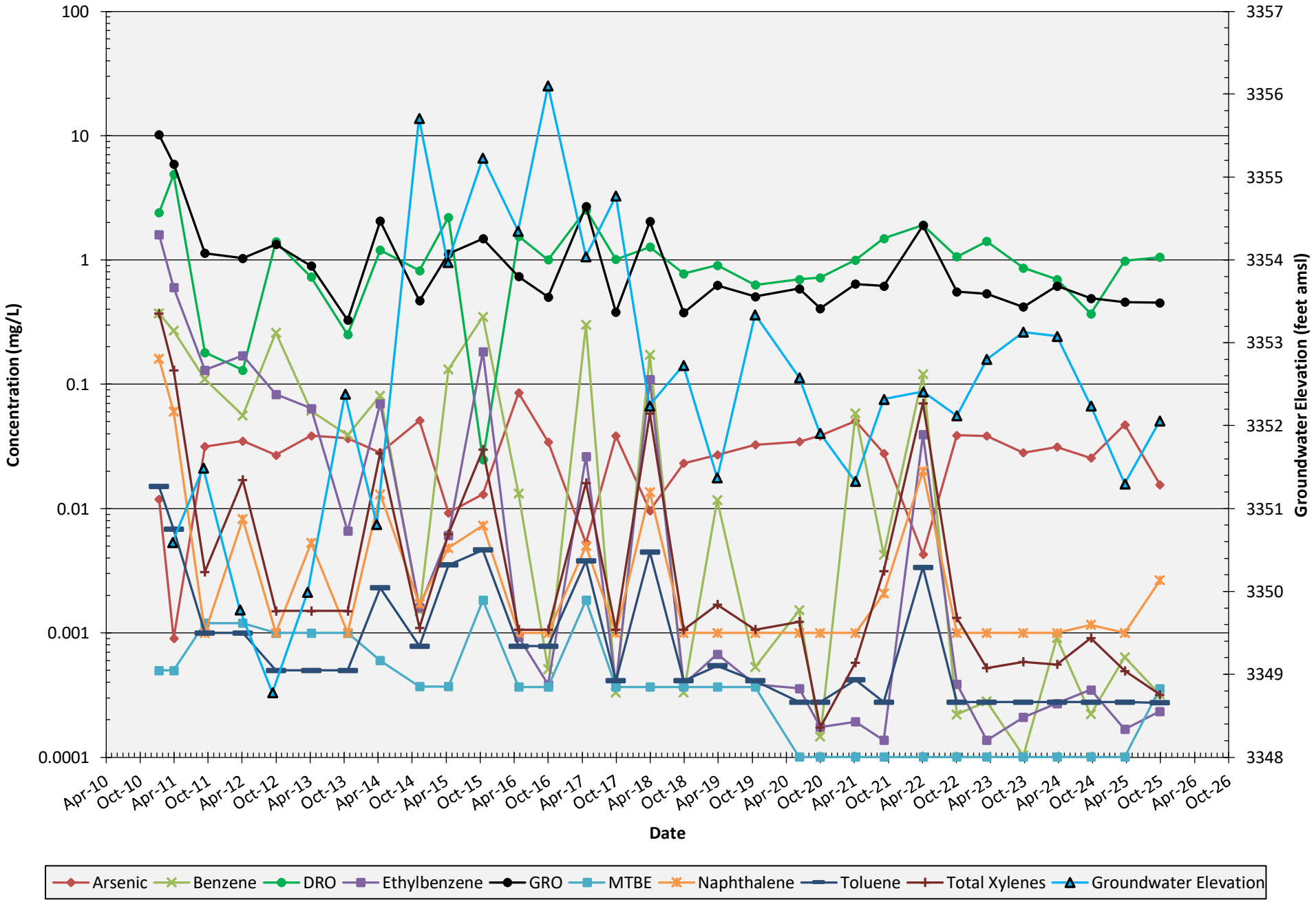
Received by OCD: 6/15/2026 7:23:14 PM

MW-110: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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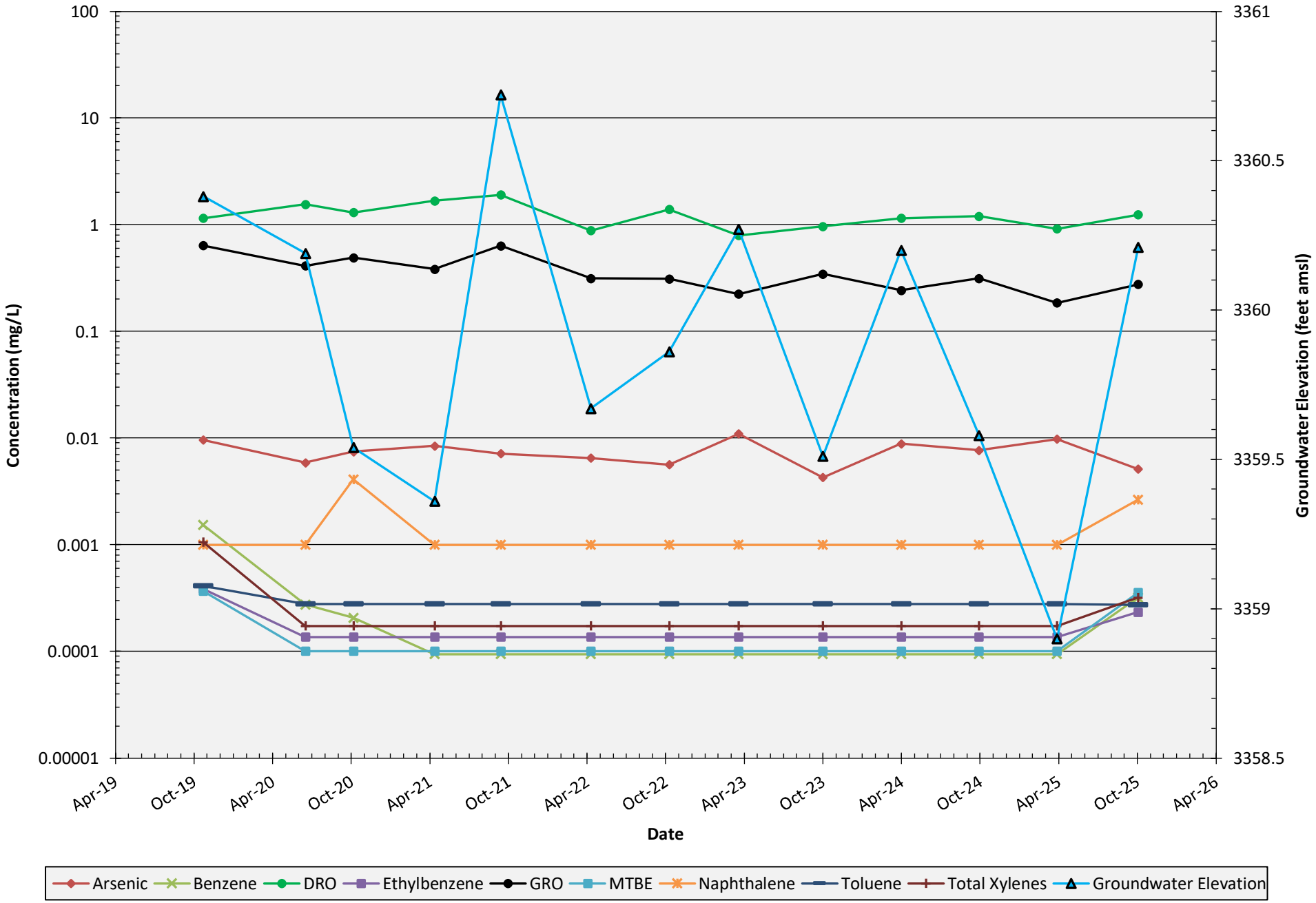
Received by OCD: 6/15/2026 7:23:14 PM

MW-139: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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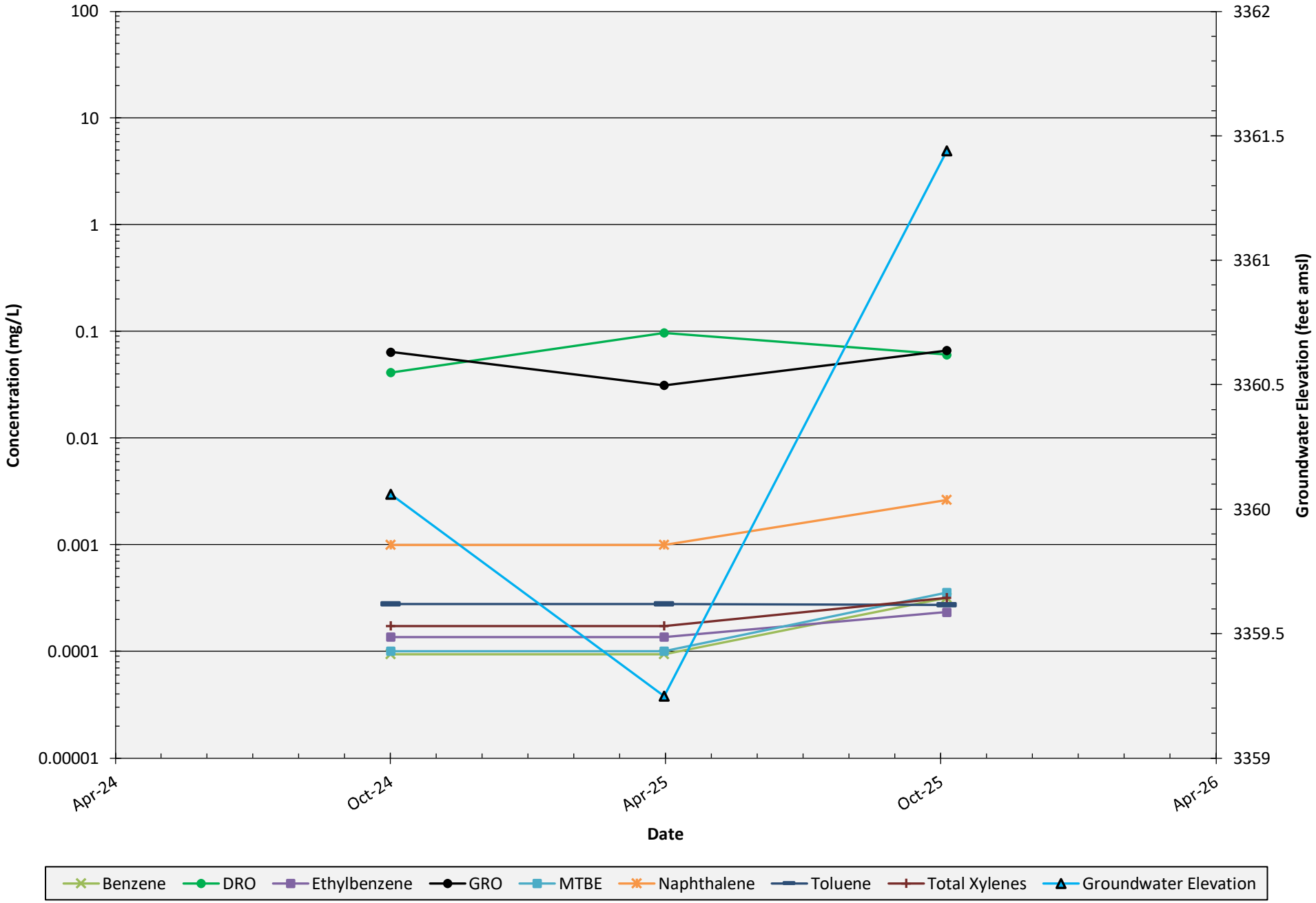
Received by OCD: 6/15/2026 7:23:14 PM

MW-158: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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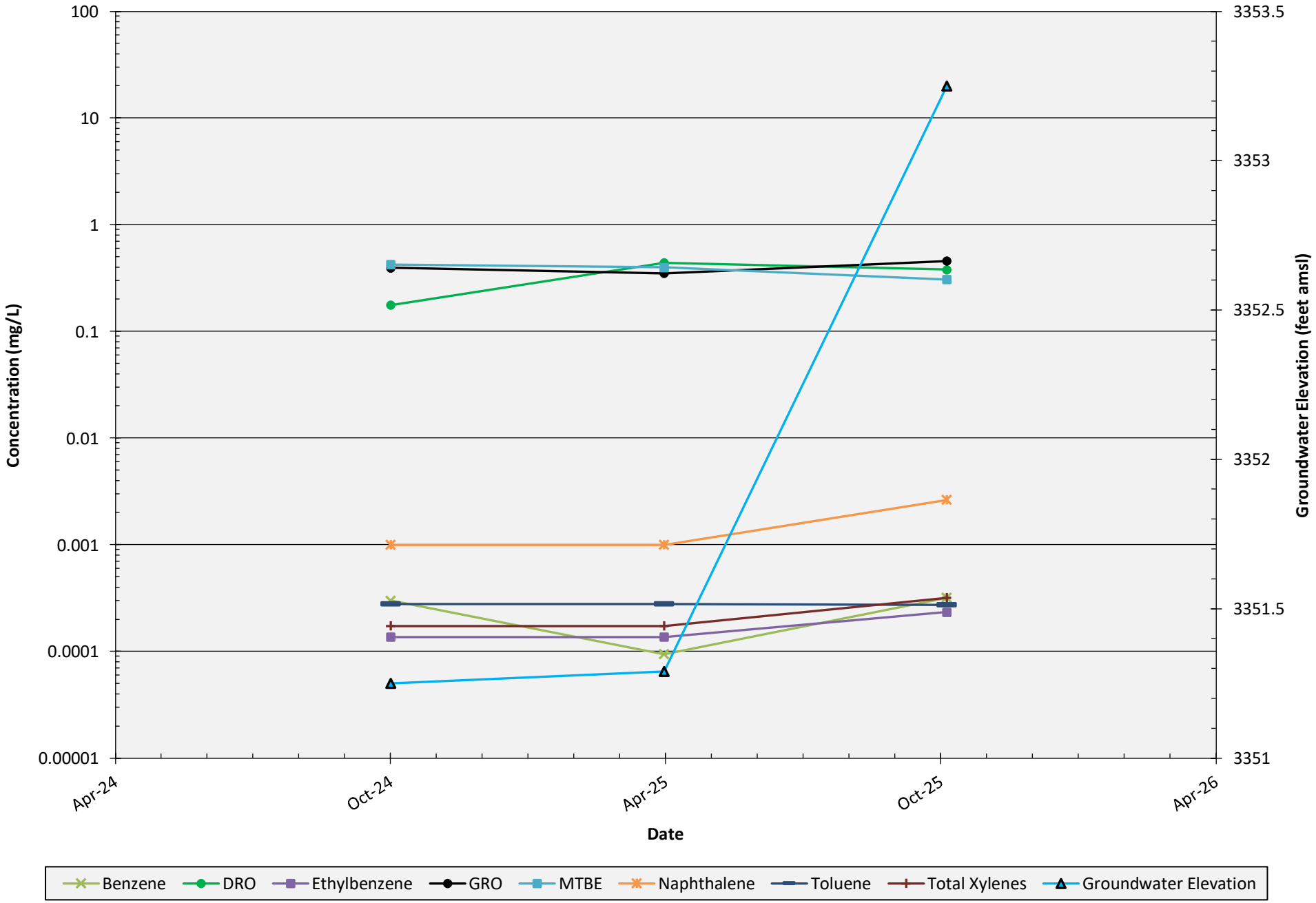
MW-159: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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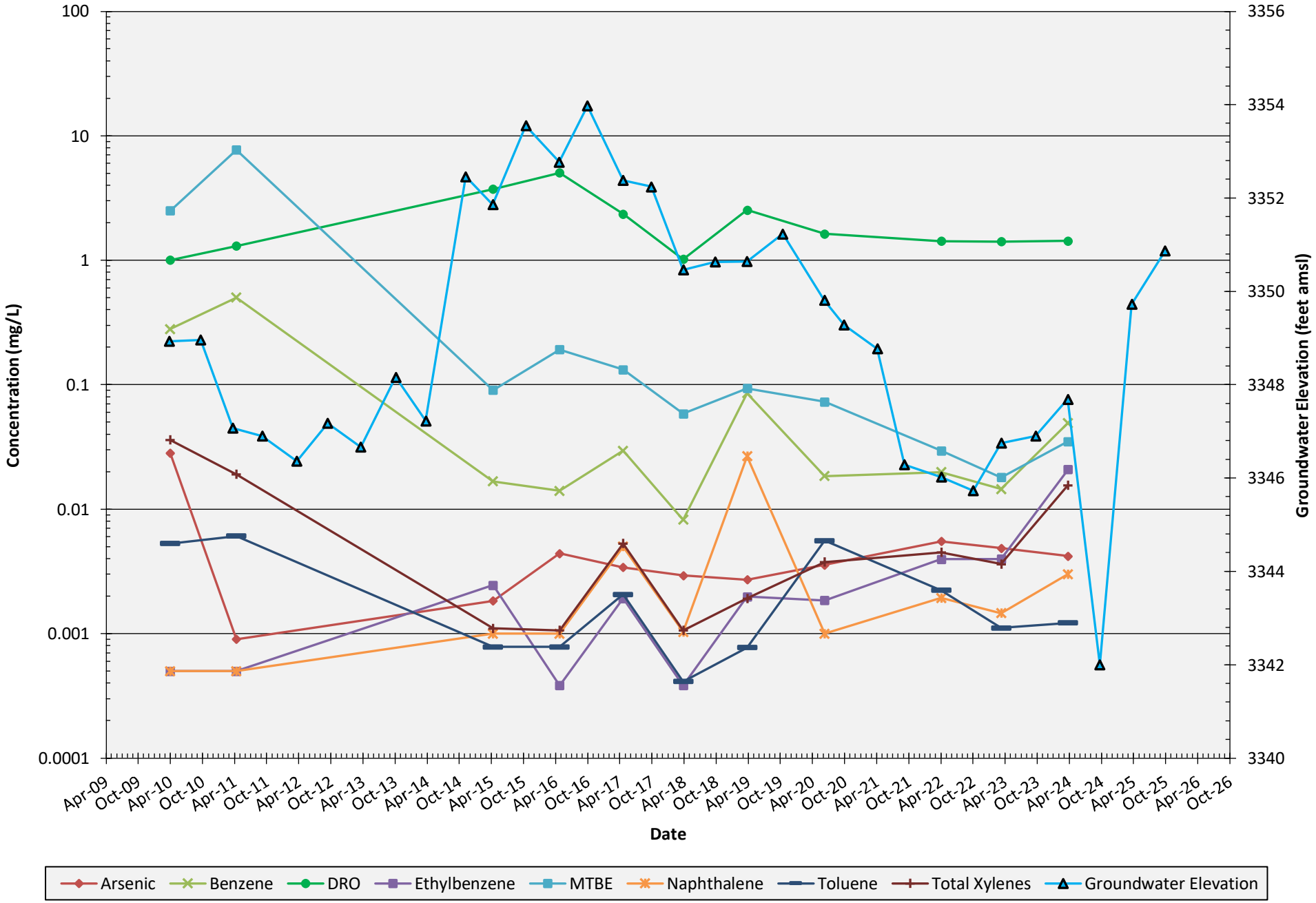
Received by OCD: 6/15/2026 7:23:14 PM

RW-4 & RW-4R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

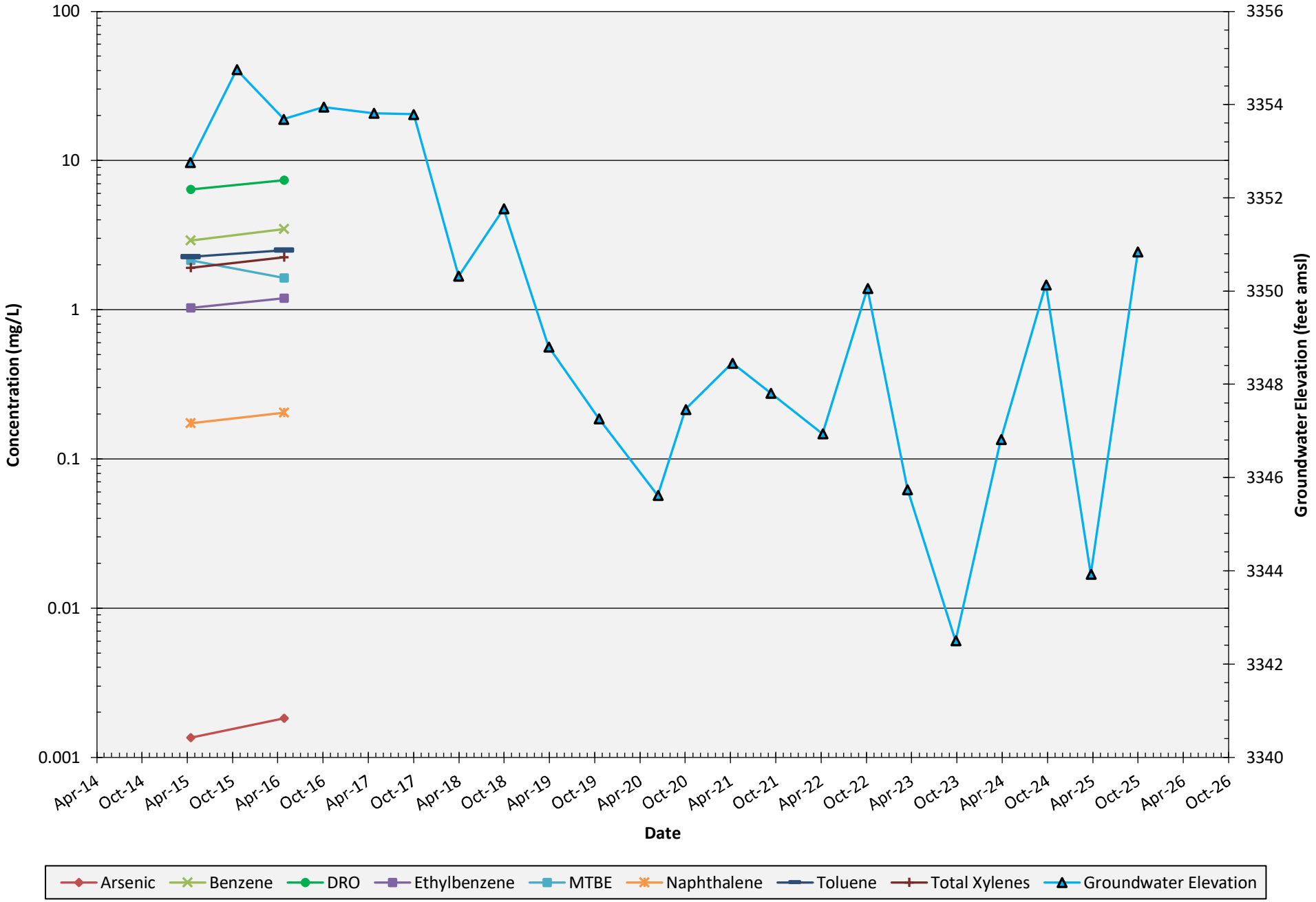


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-5 & RW-5R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



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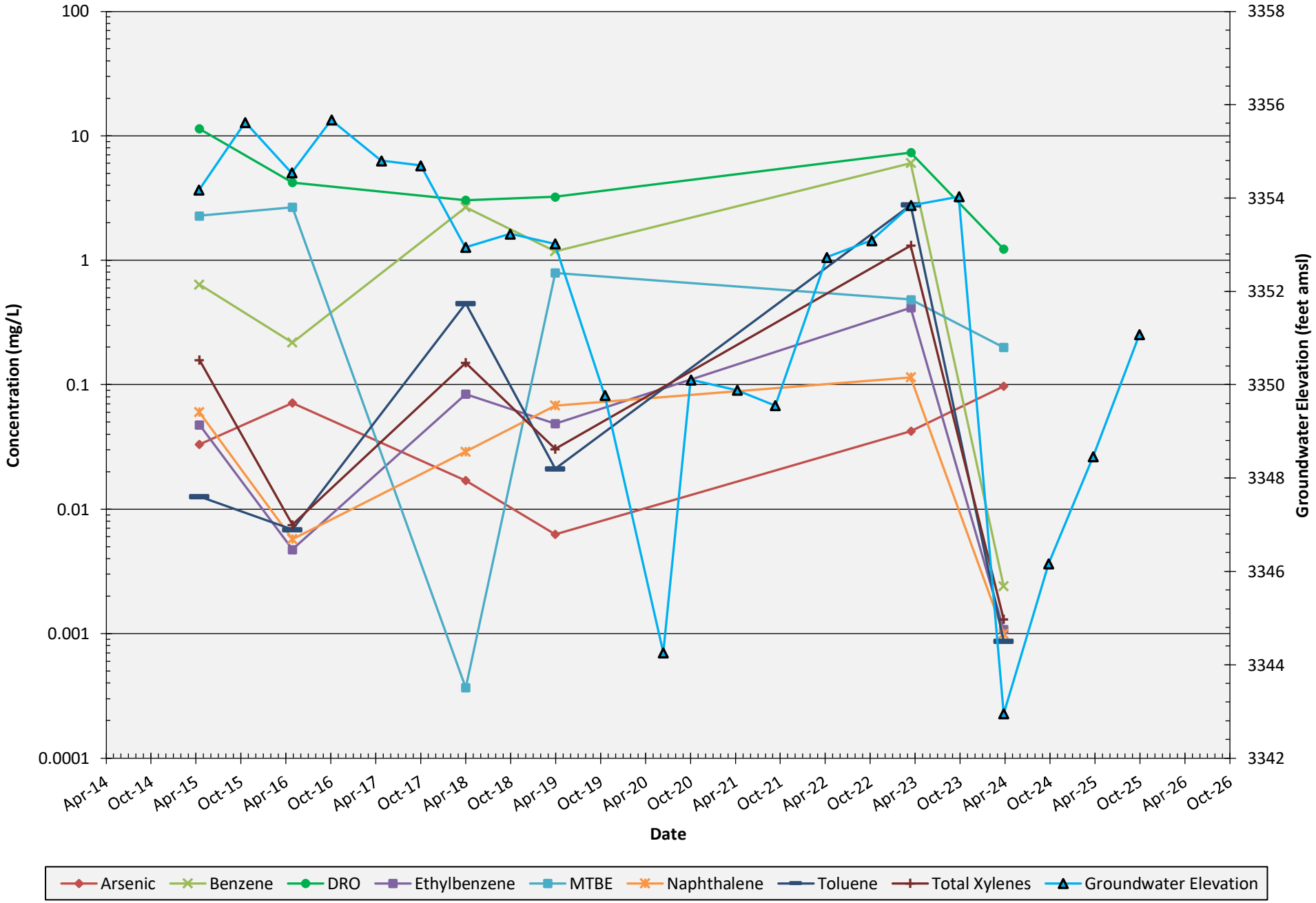
Received by OCD: 6/15/2026 7:23:14 PM

RW-6 & RW-6R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

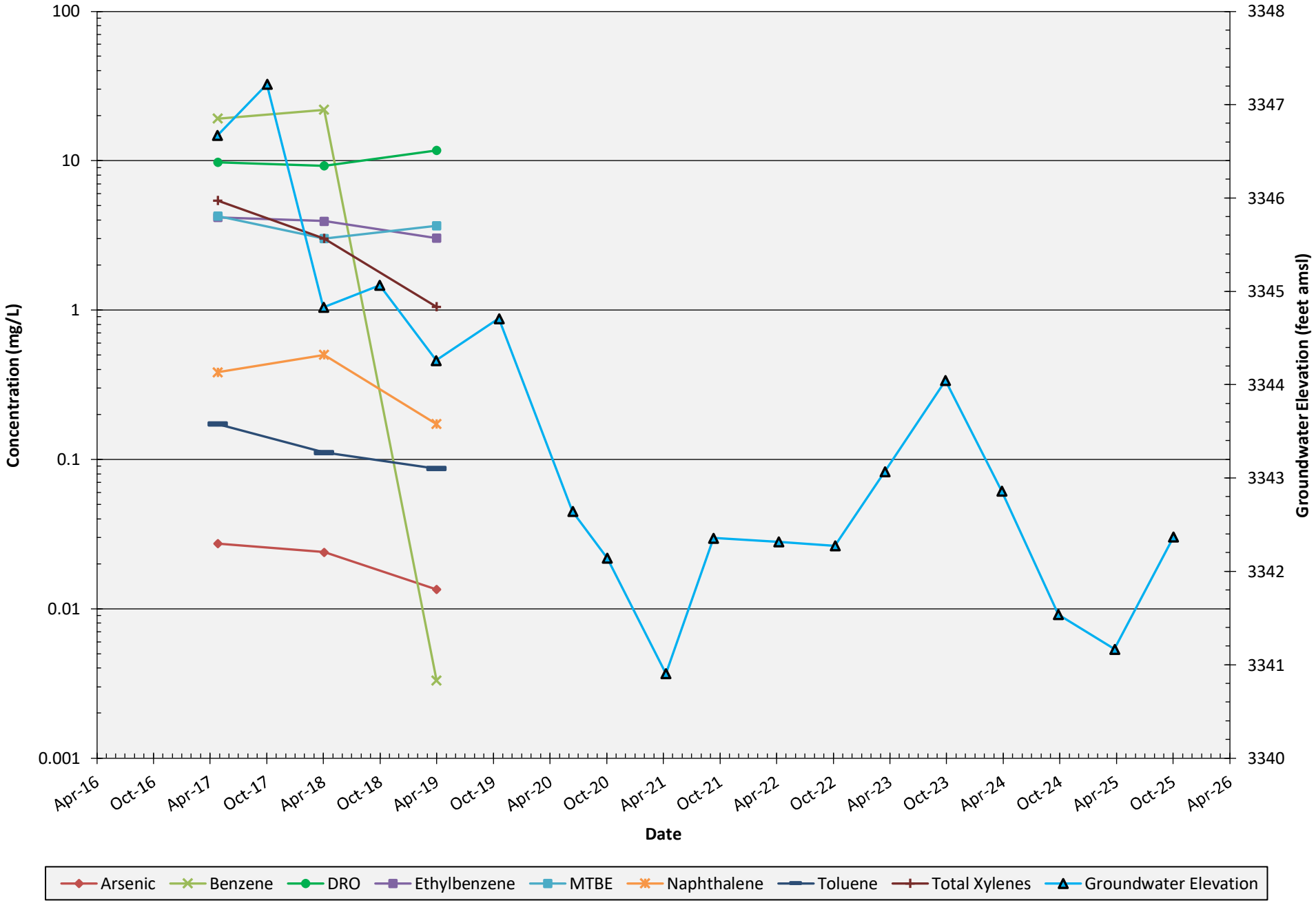


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-15C: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery

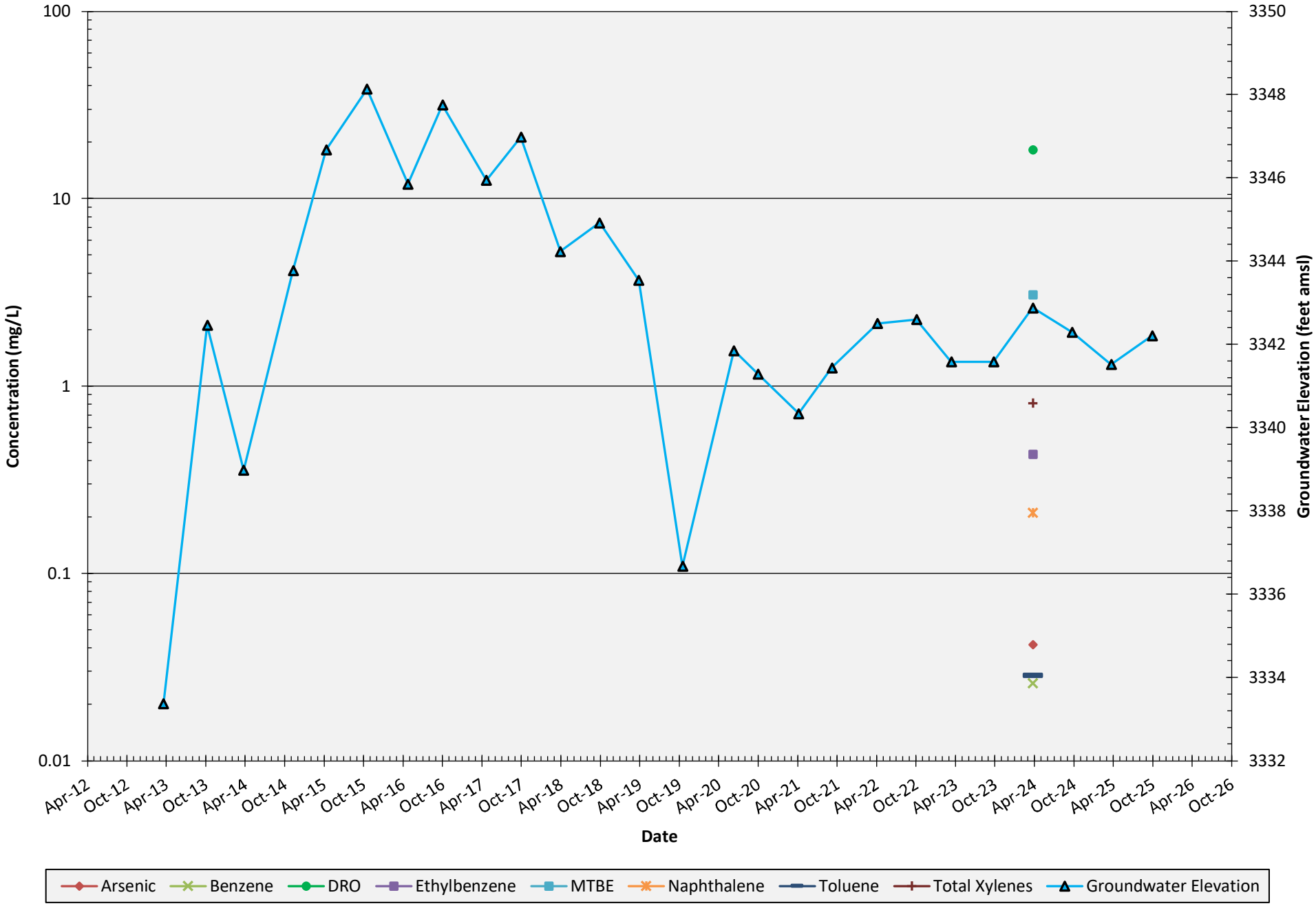


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

RW-19: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

South Refinery



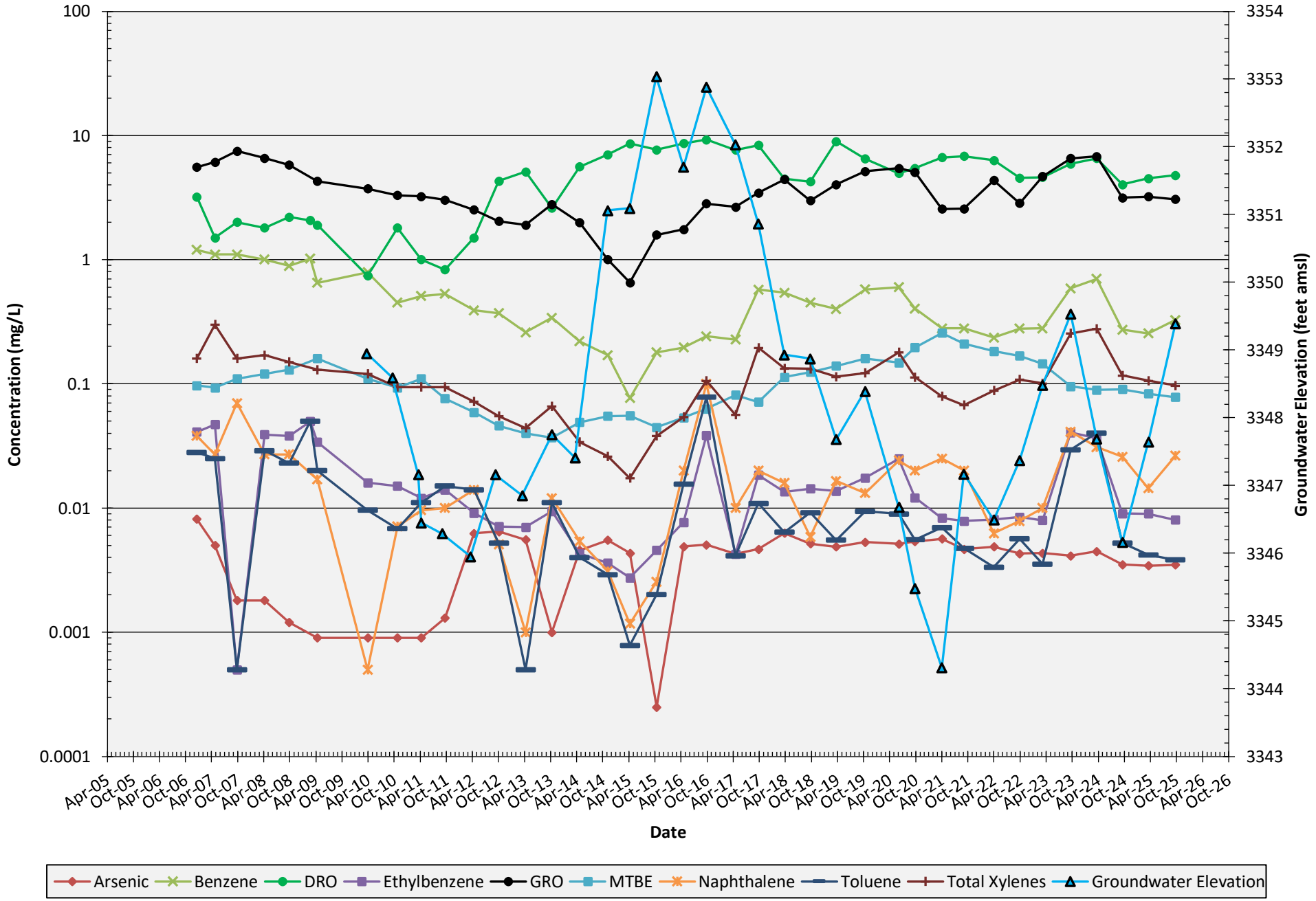
Released to Imaging: 6/26/2026 3:07:01 PM

Received by OCD: 6/15/2026 7:23:14 PM

MW-49: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Tetra Ethyl Lead Surface Impoundment

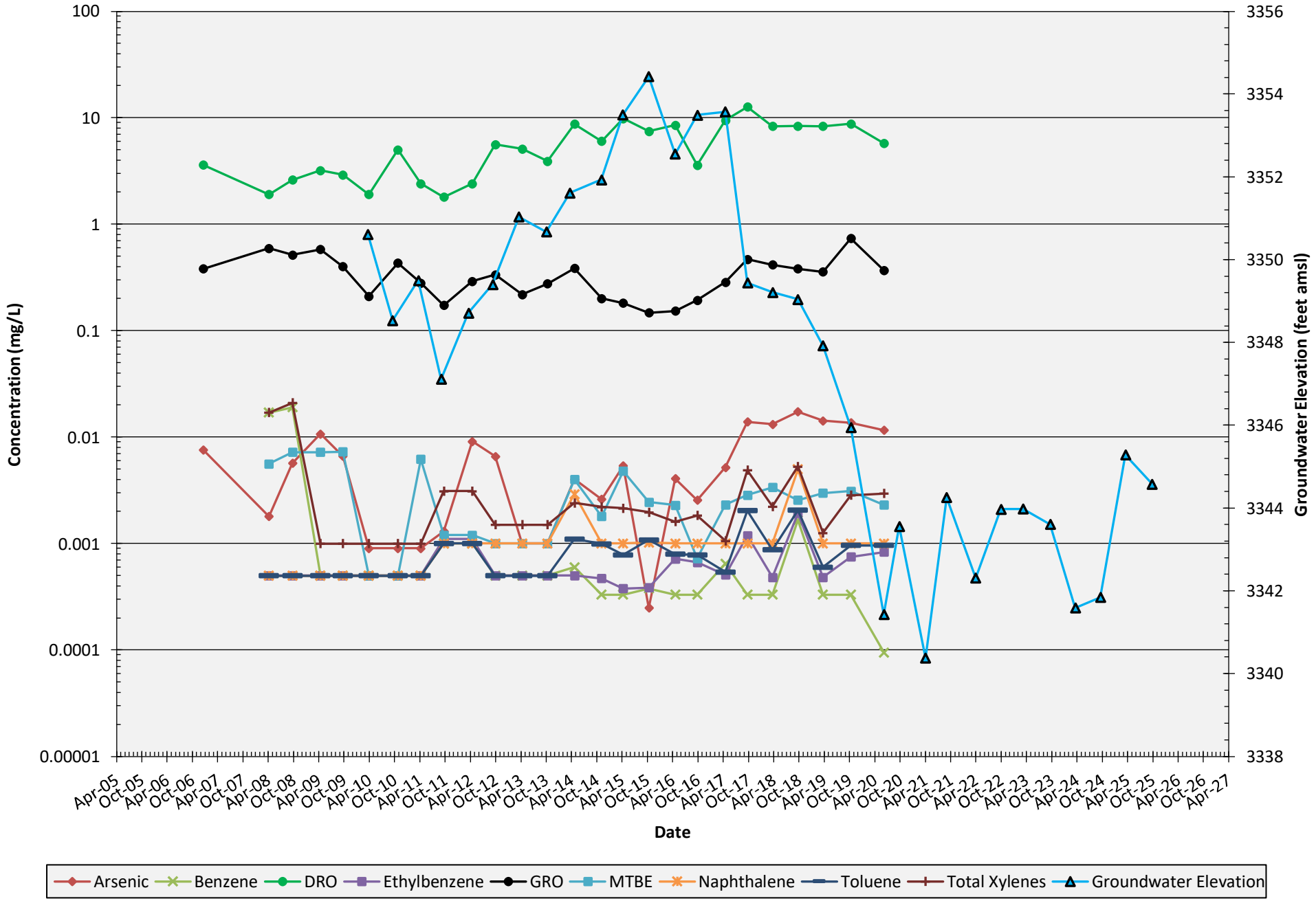


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

TEL-1: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Tetra Ethyl Lead Surface Impoundment

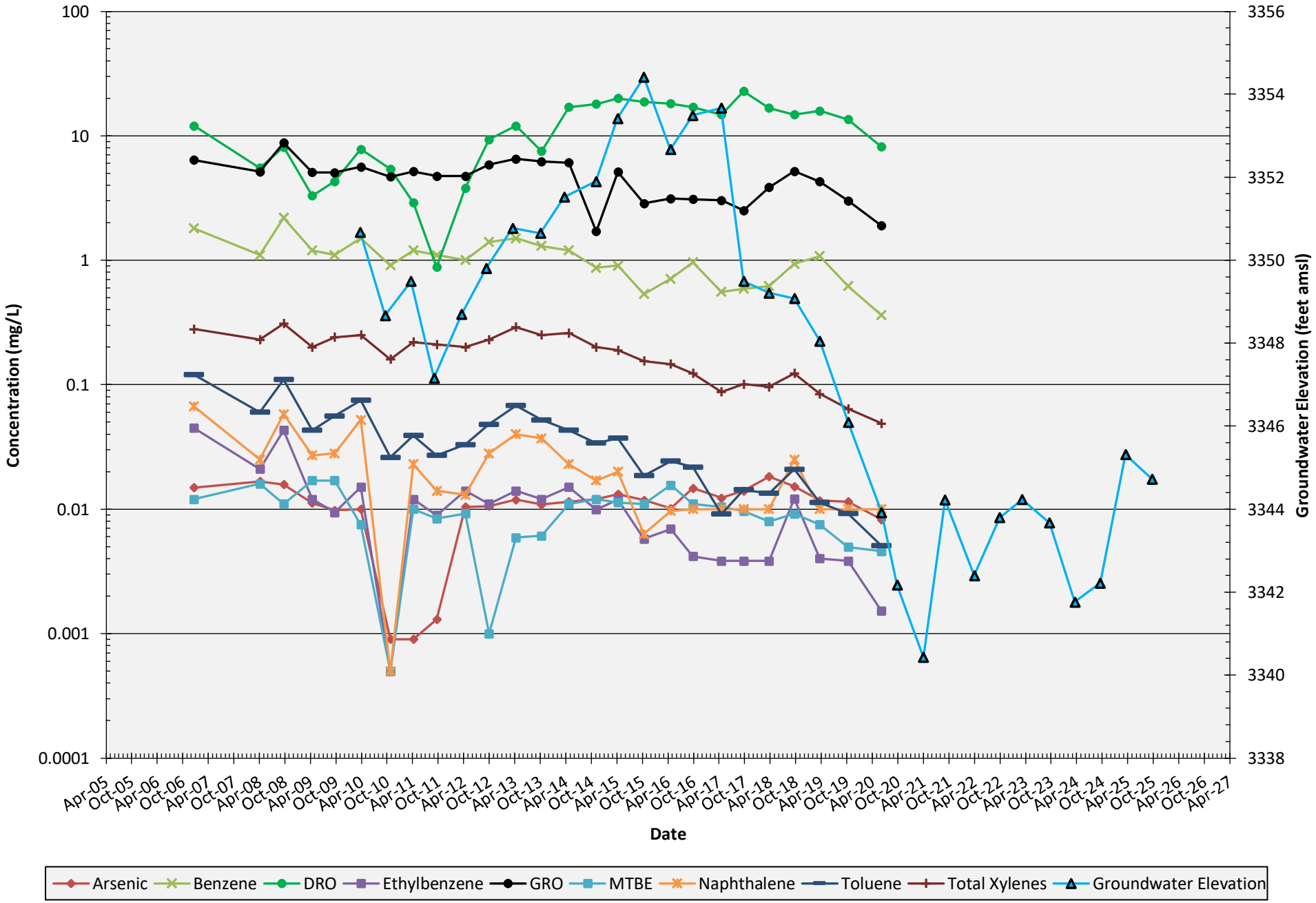


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

TEL-2: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Tetra Ethyl Lead Surface Impoundment

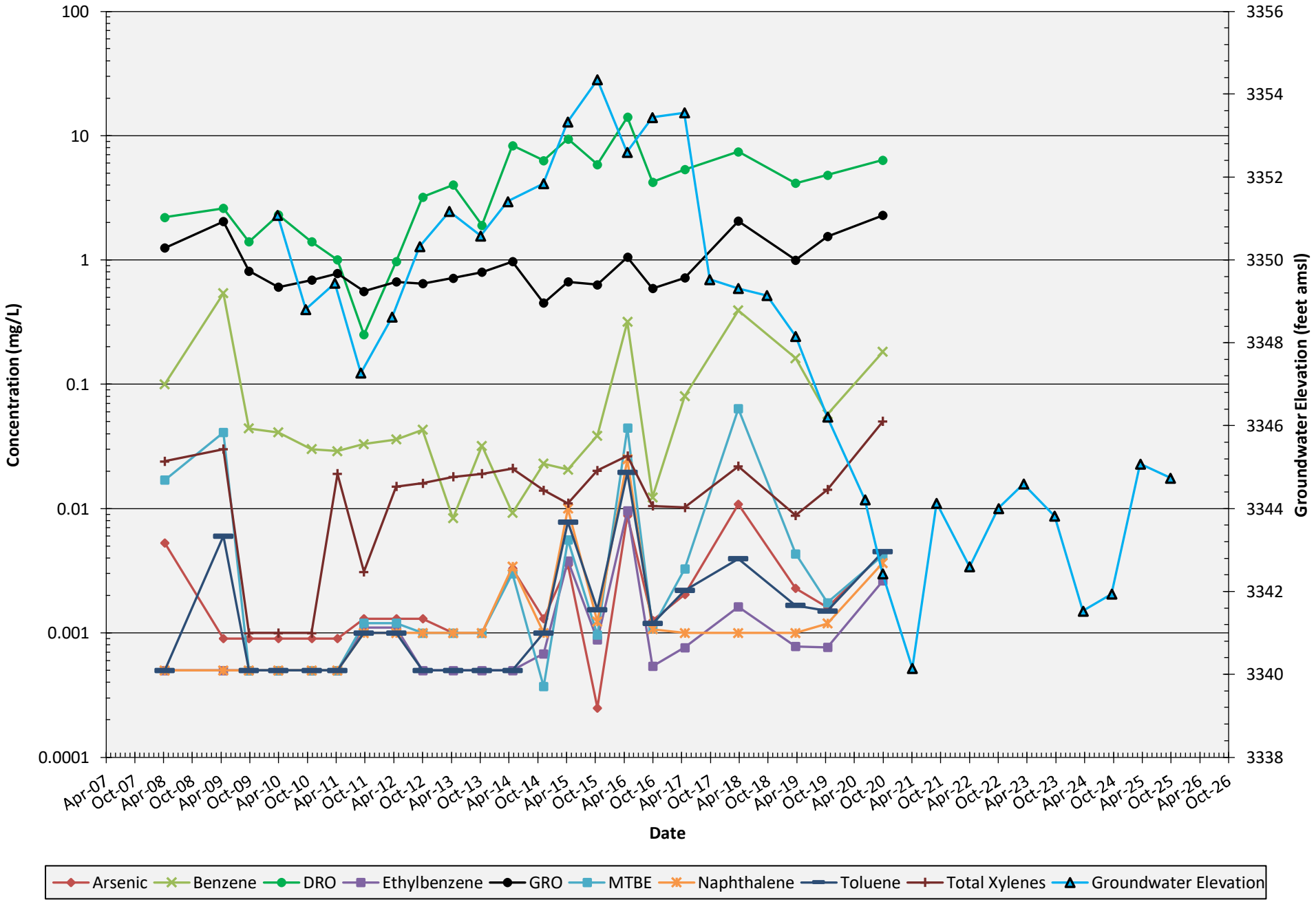


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

TEL-3: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Tetra Ethyl Lead Surface Impoundment

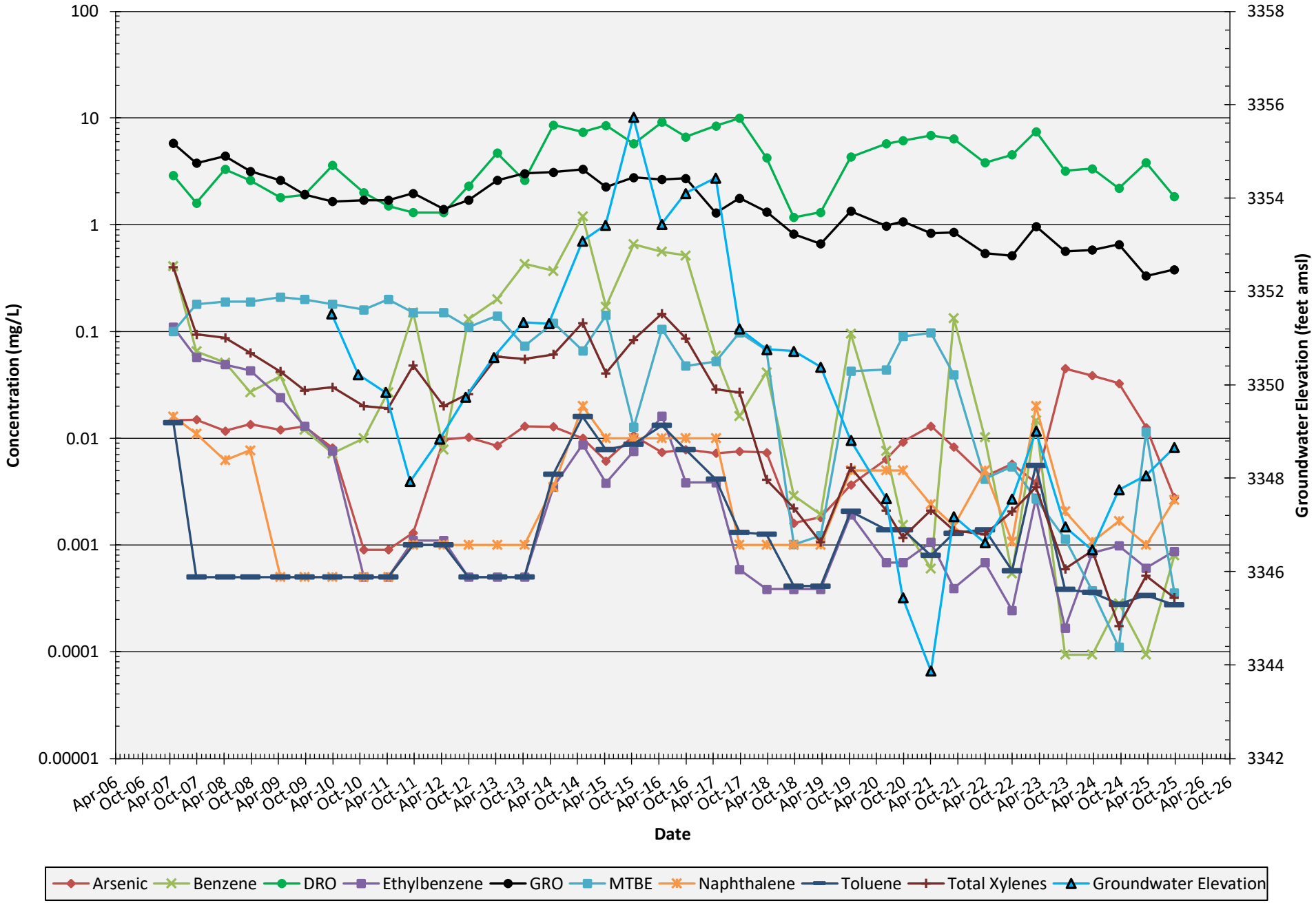


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

TEL-4: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Tetra Ethyl Lead Surface Impoundment

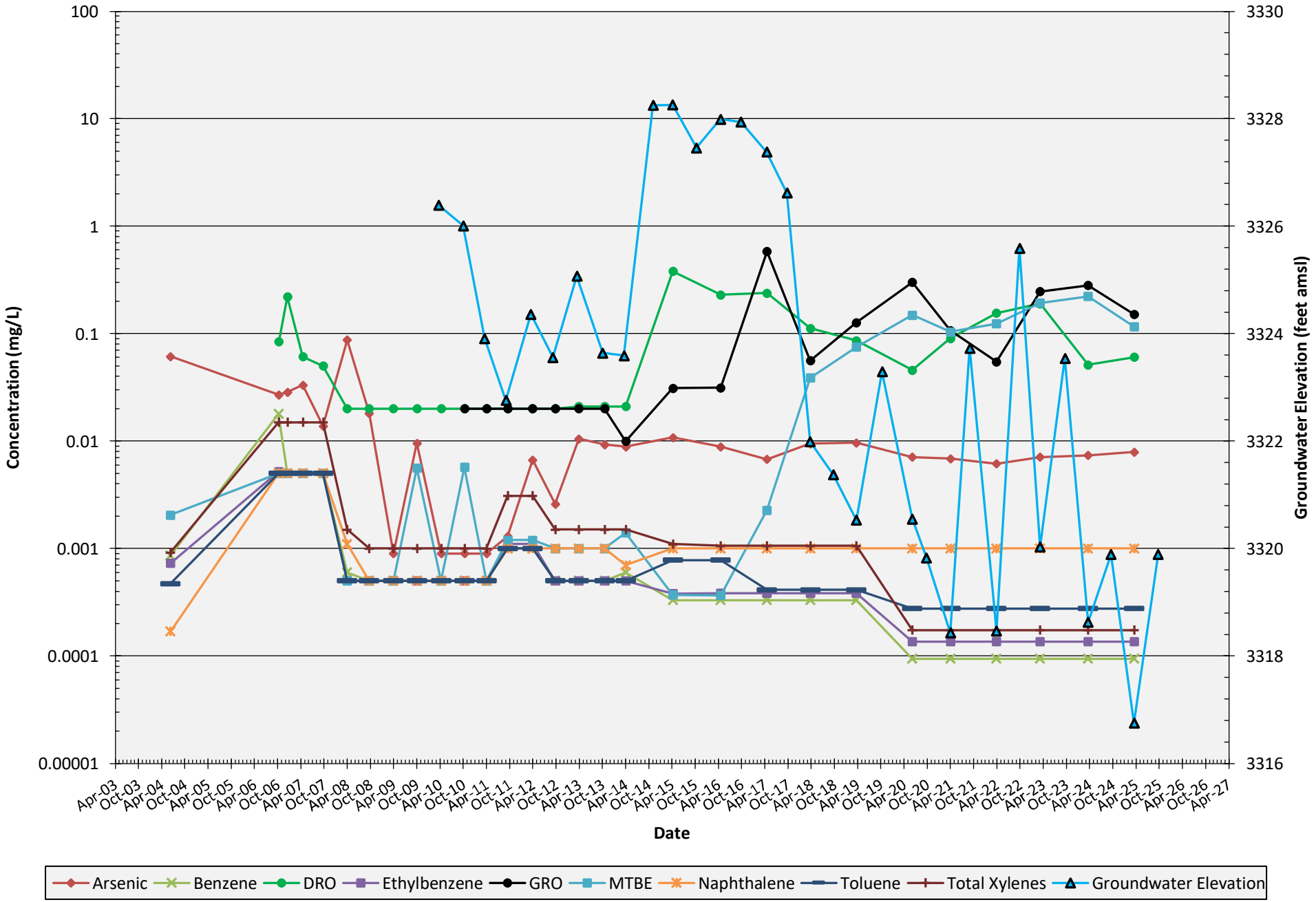


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-8: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

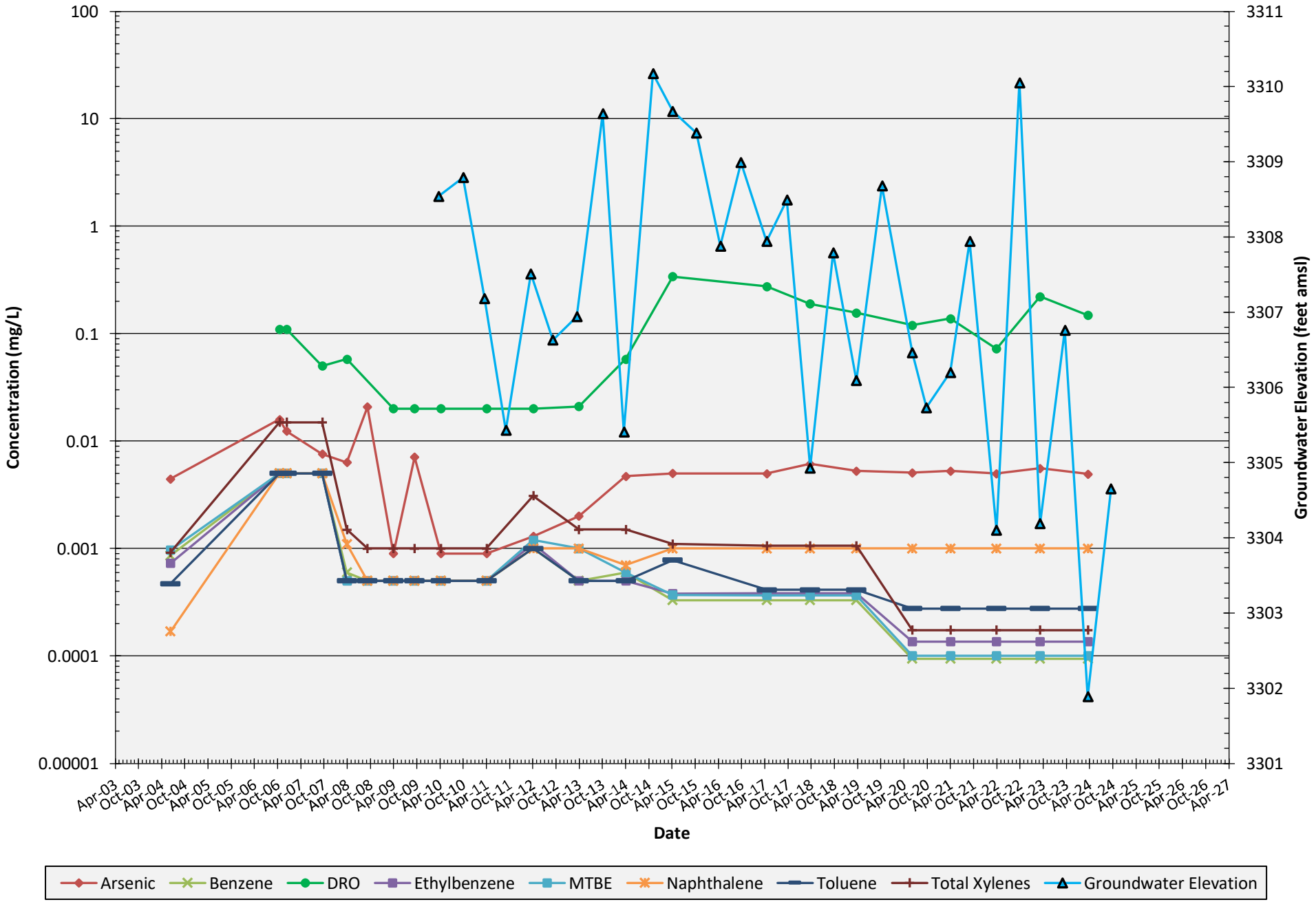


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-16: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

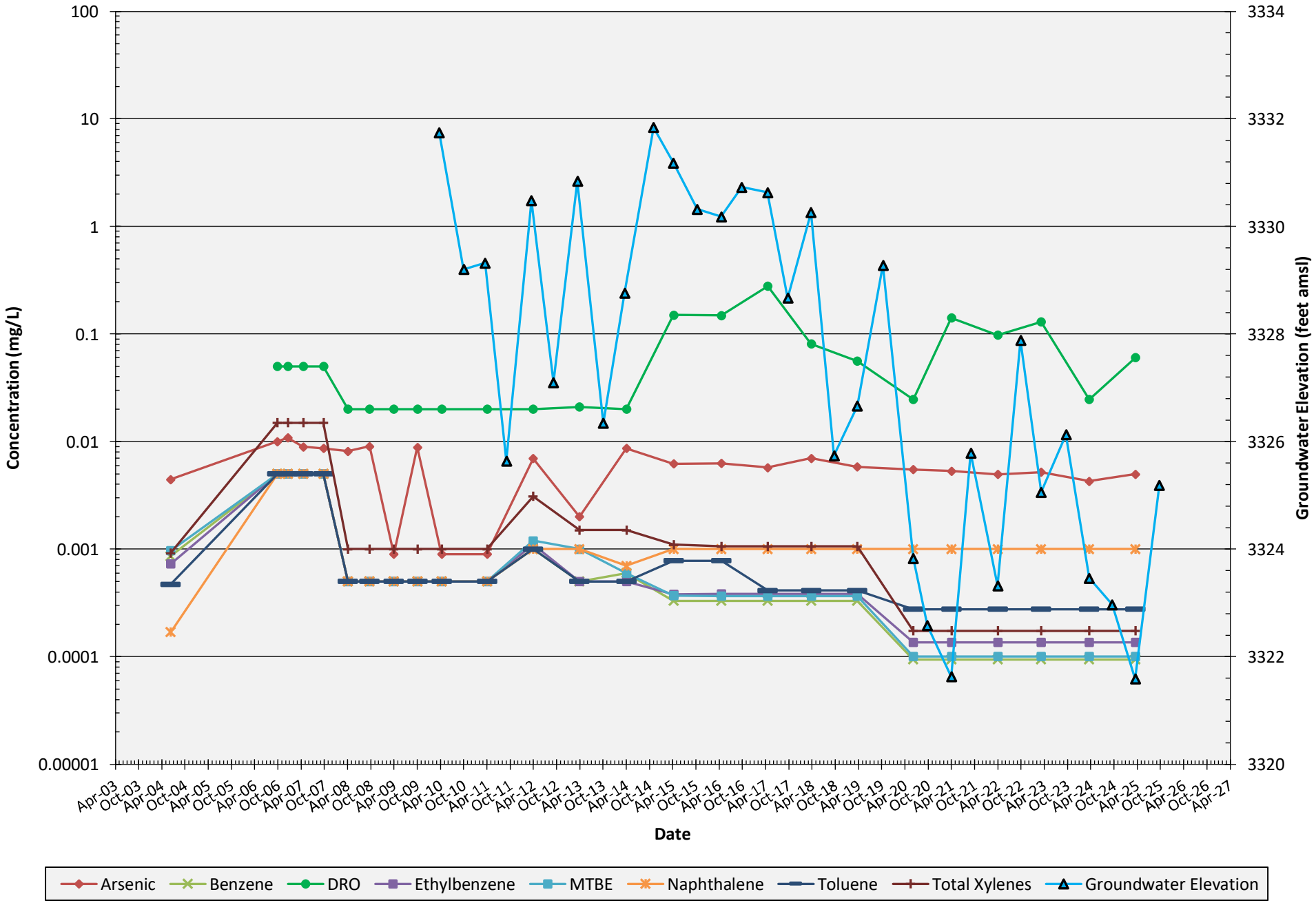


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-20: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

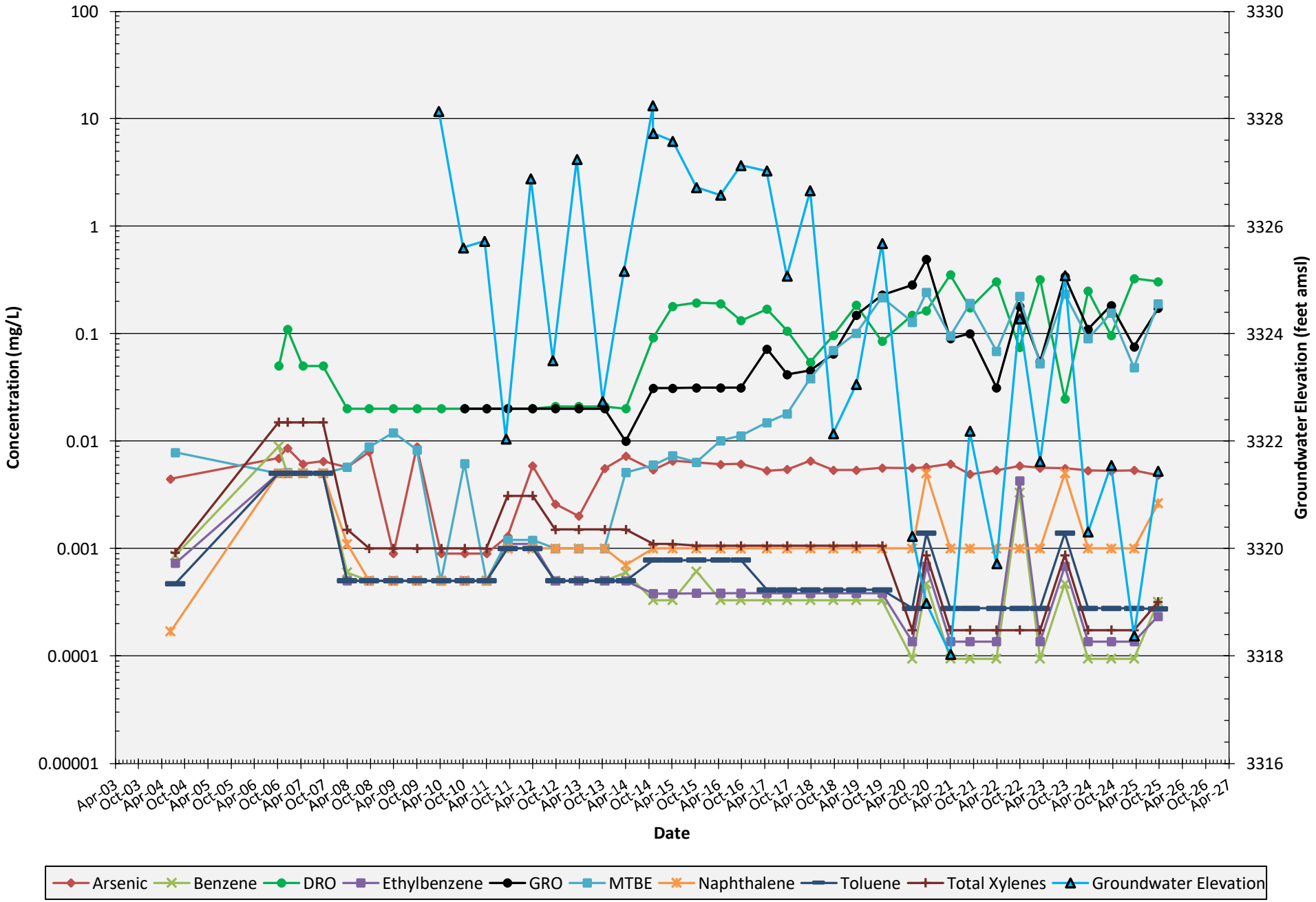


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-21: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

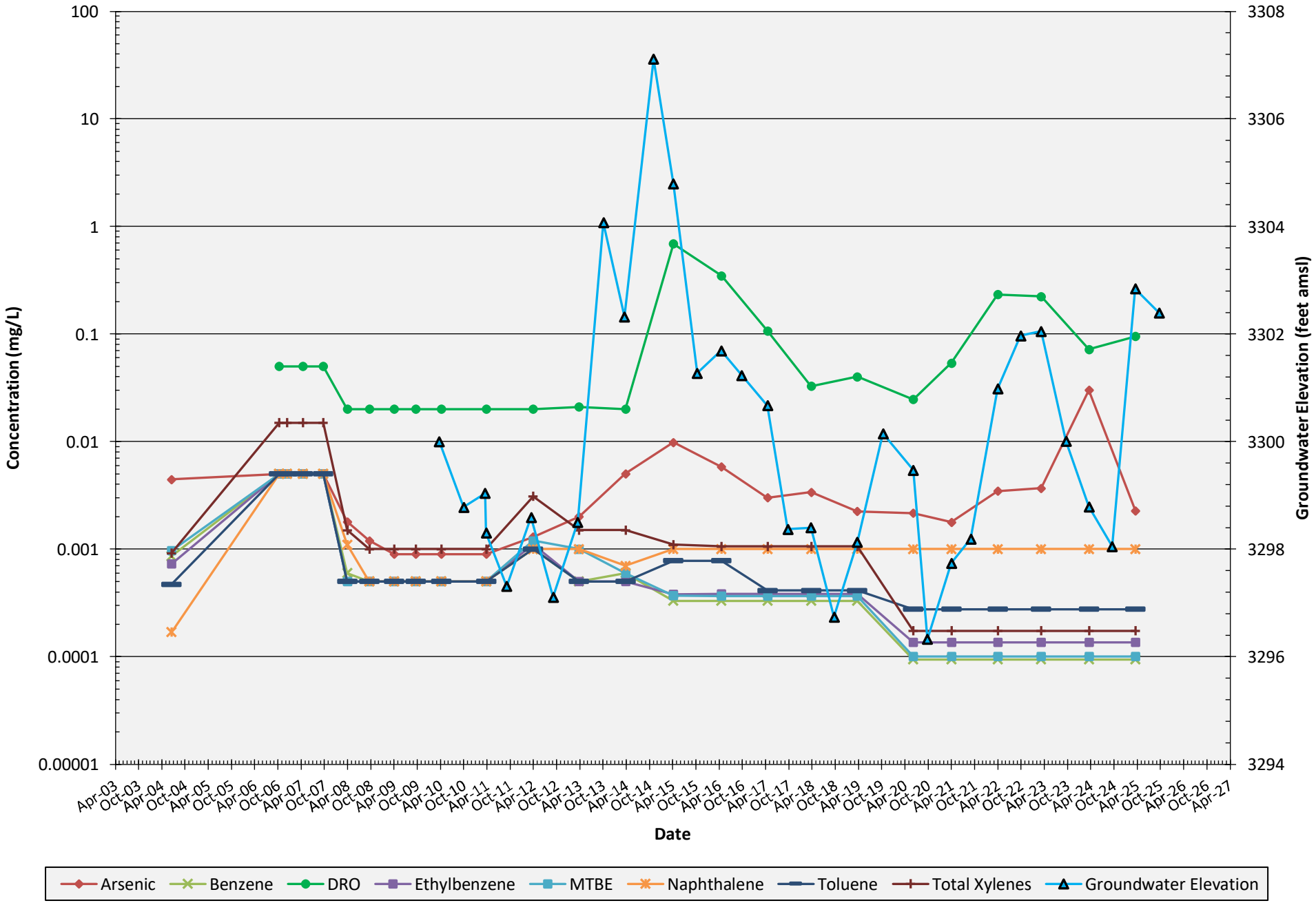


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-25: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

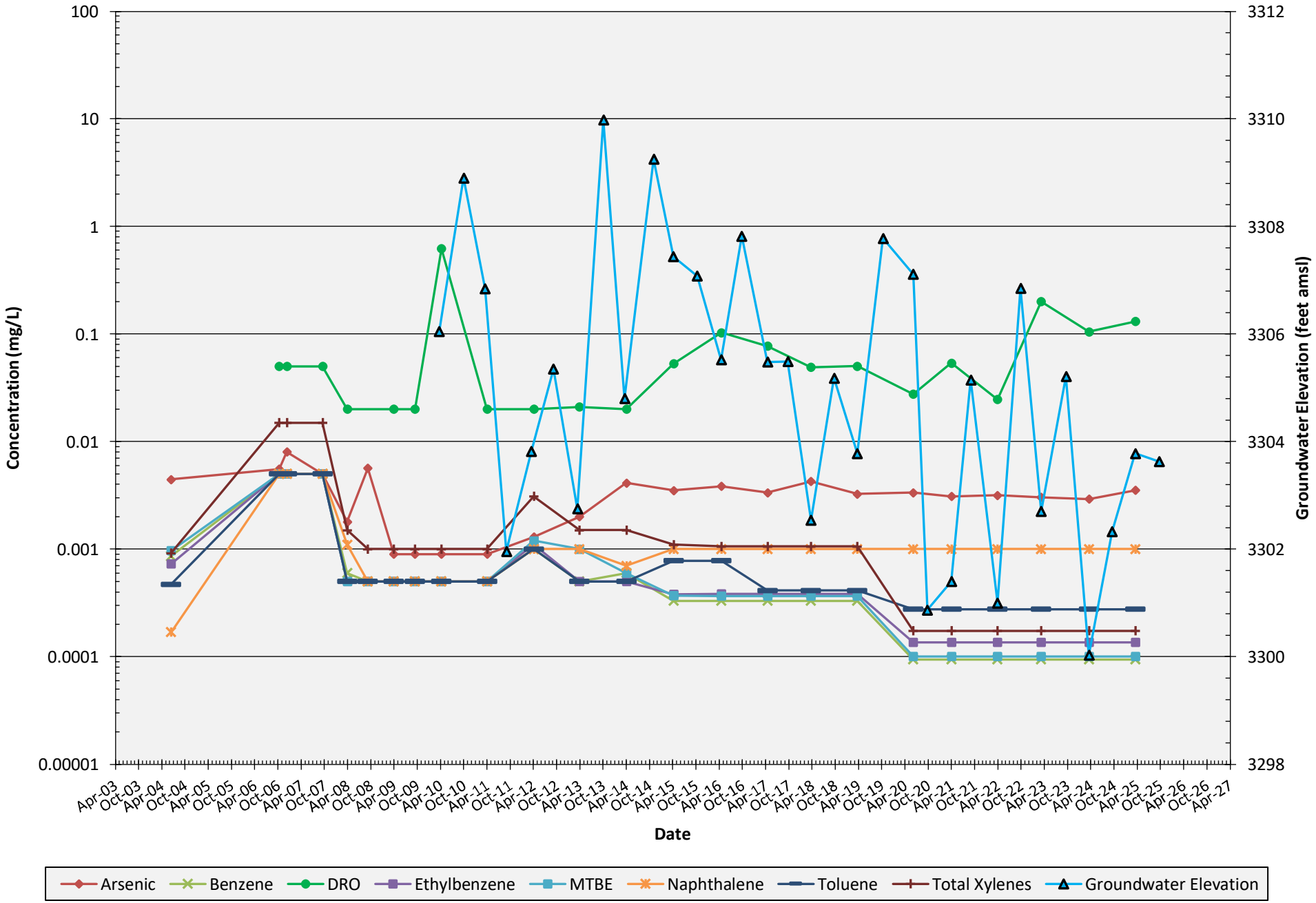


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-26: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

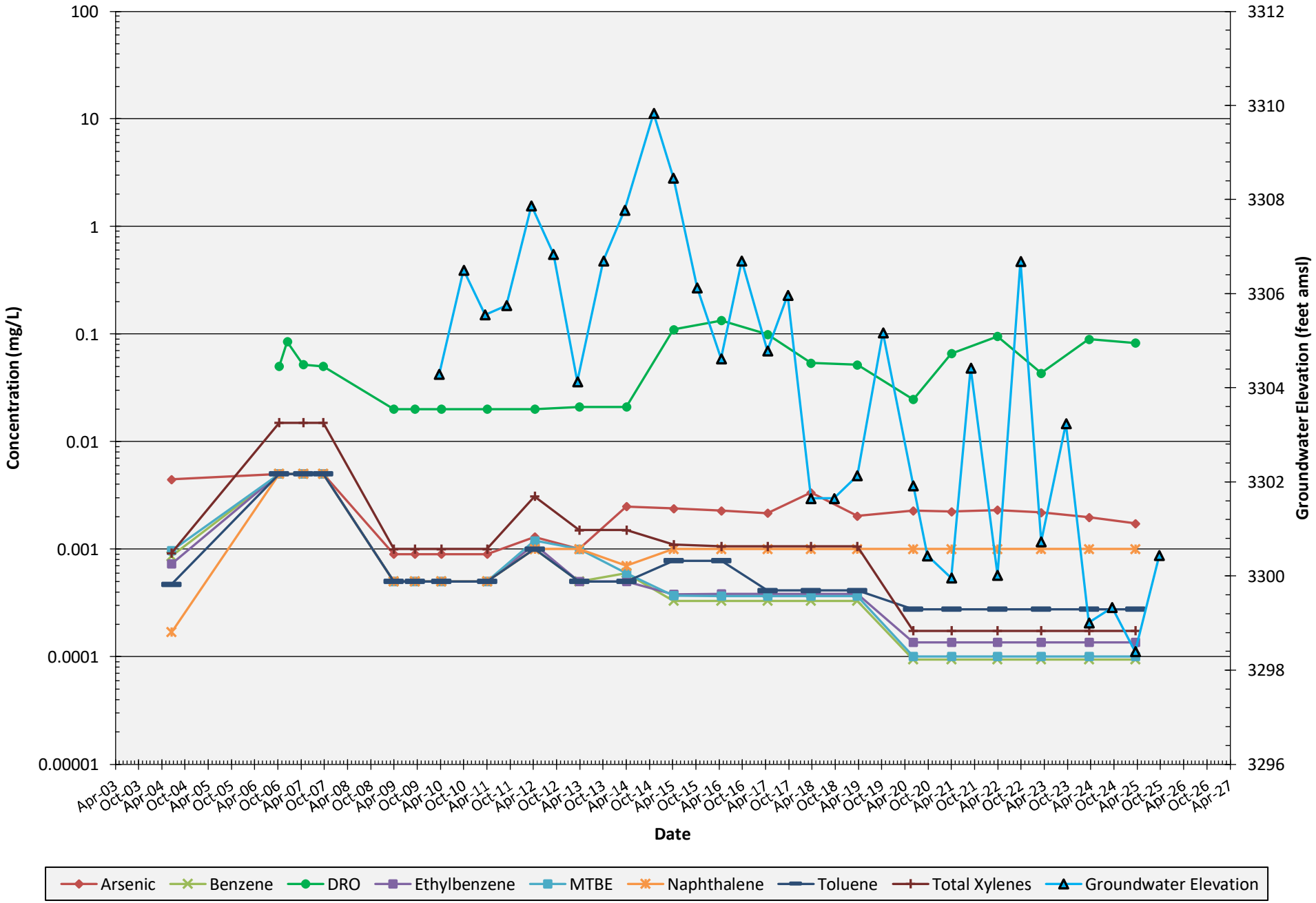


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-27: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

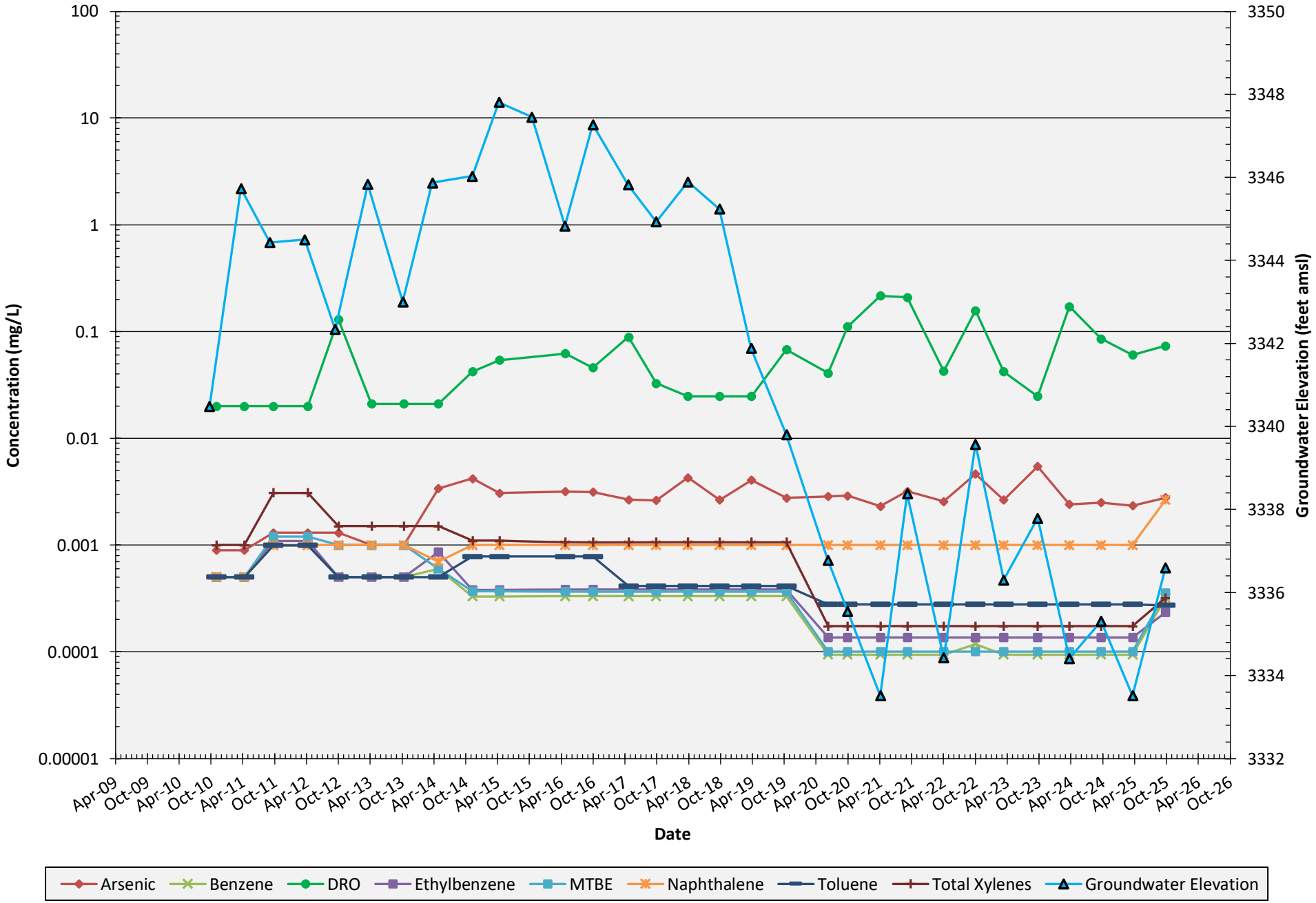


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-46 & MW-46R: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

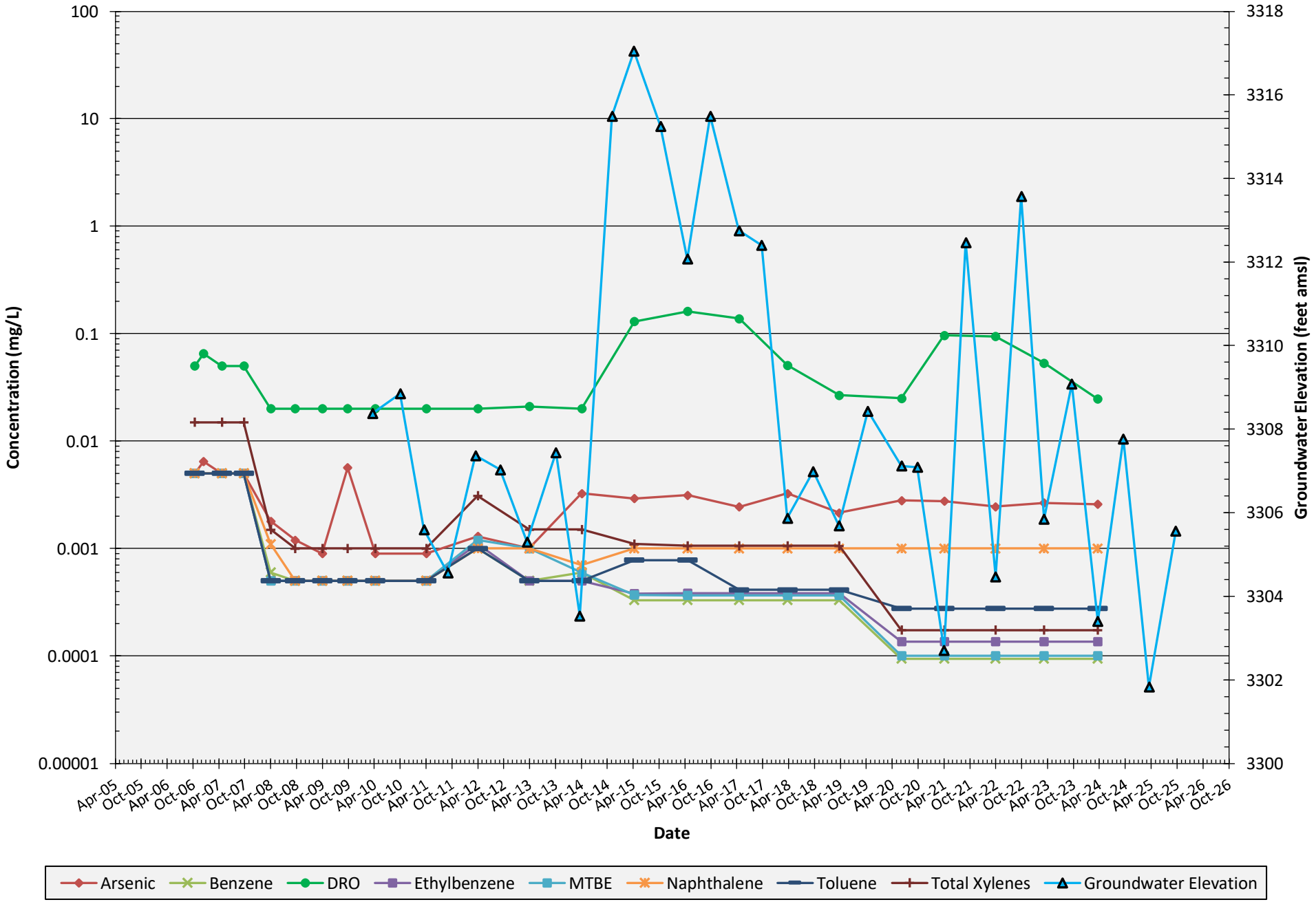


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-68: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

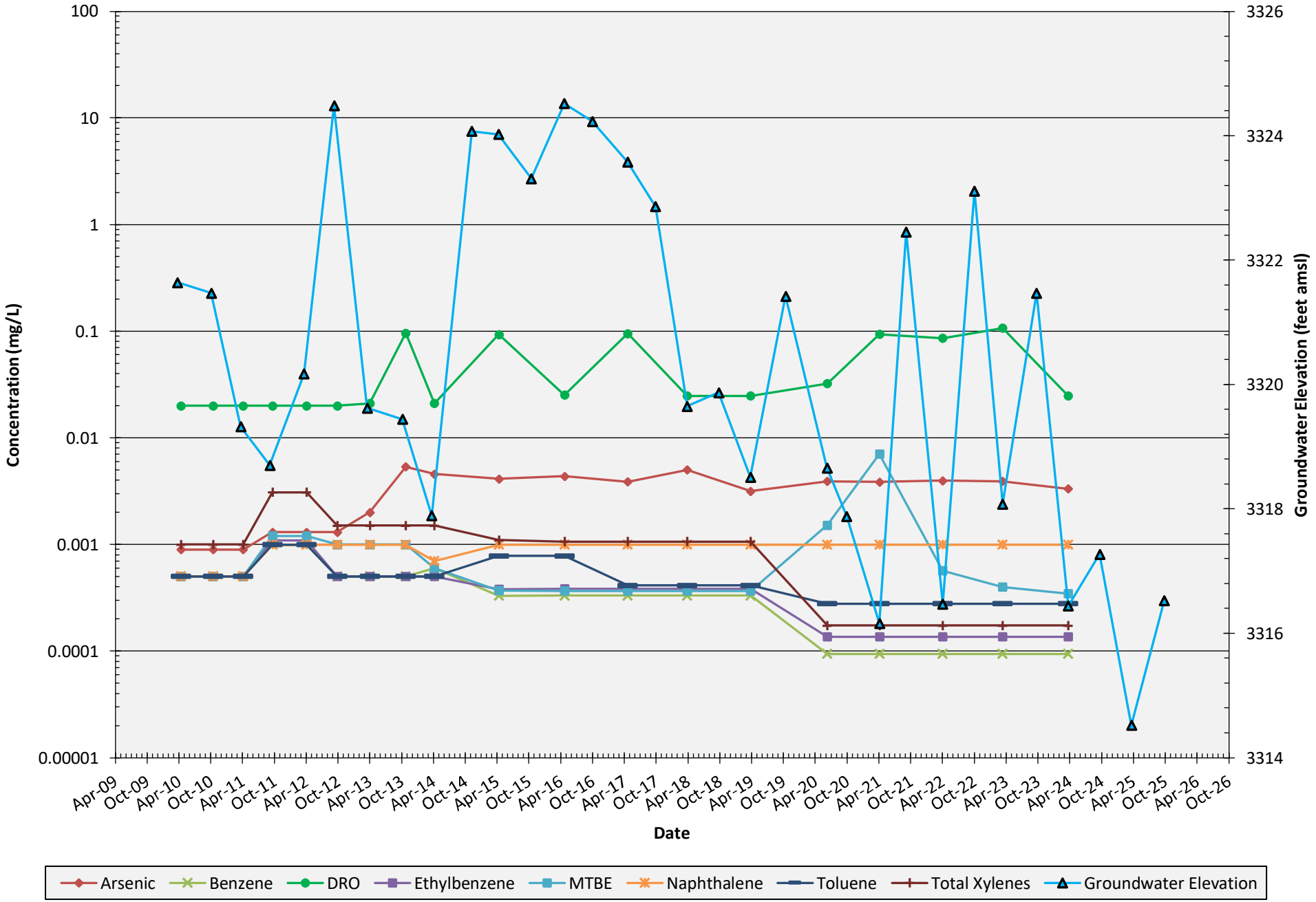


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-71: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

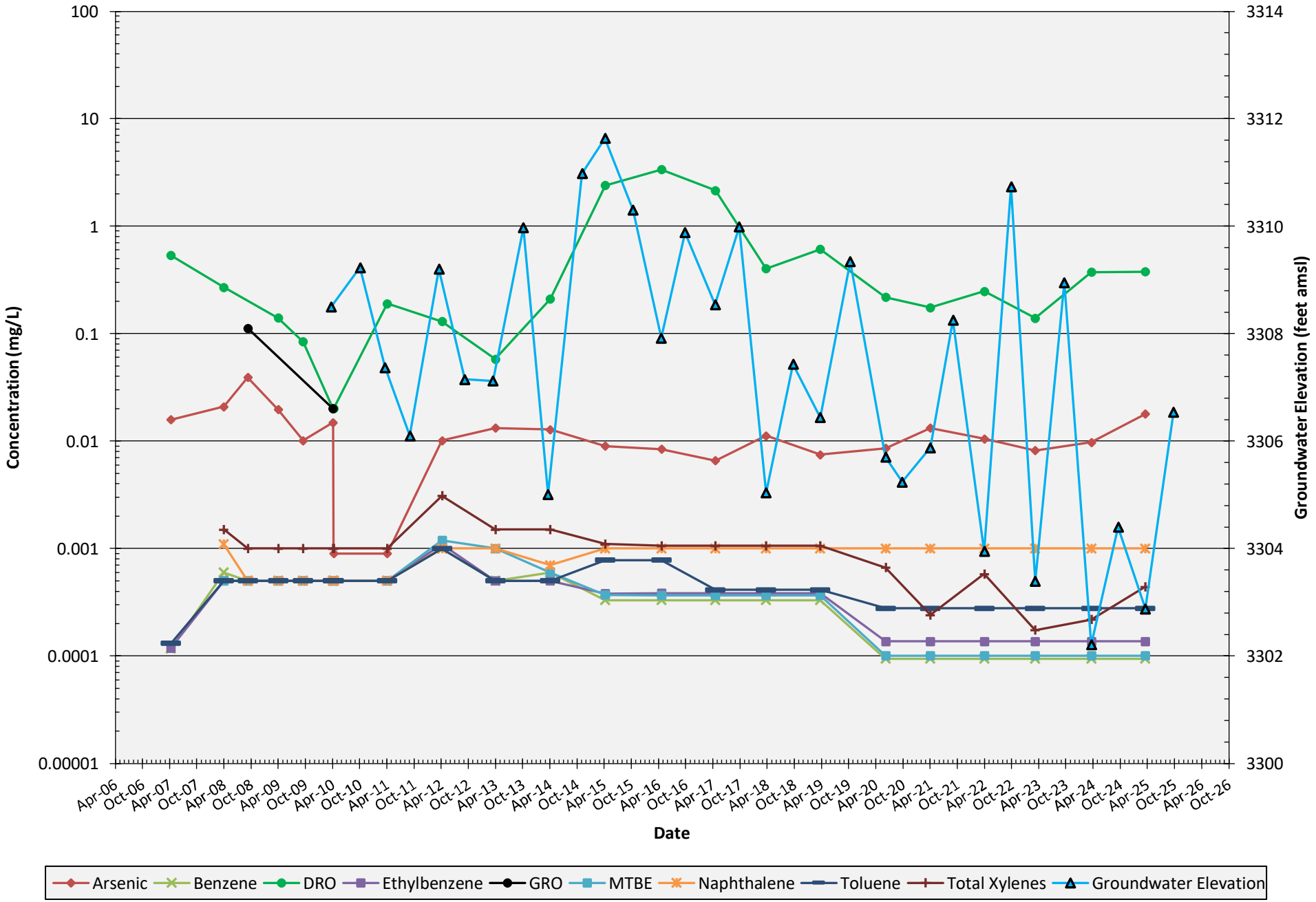


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-89: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

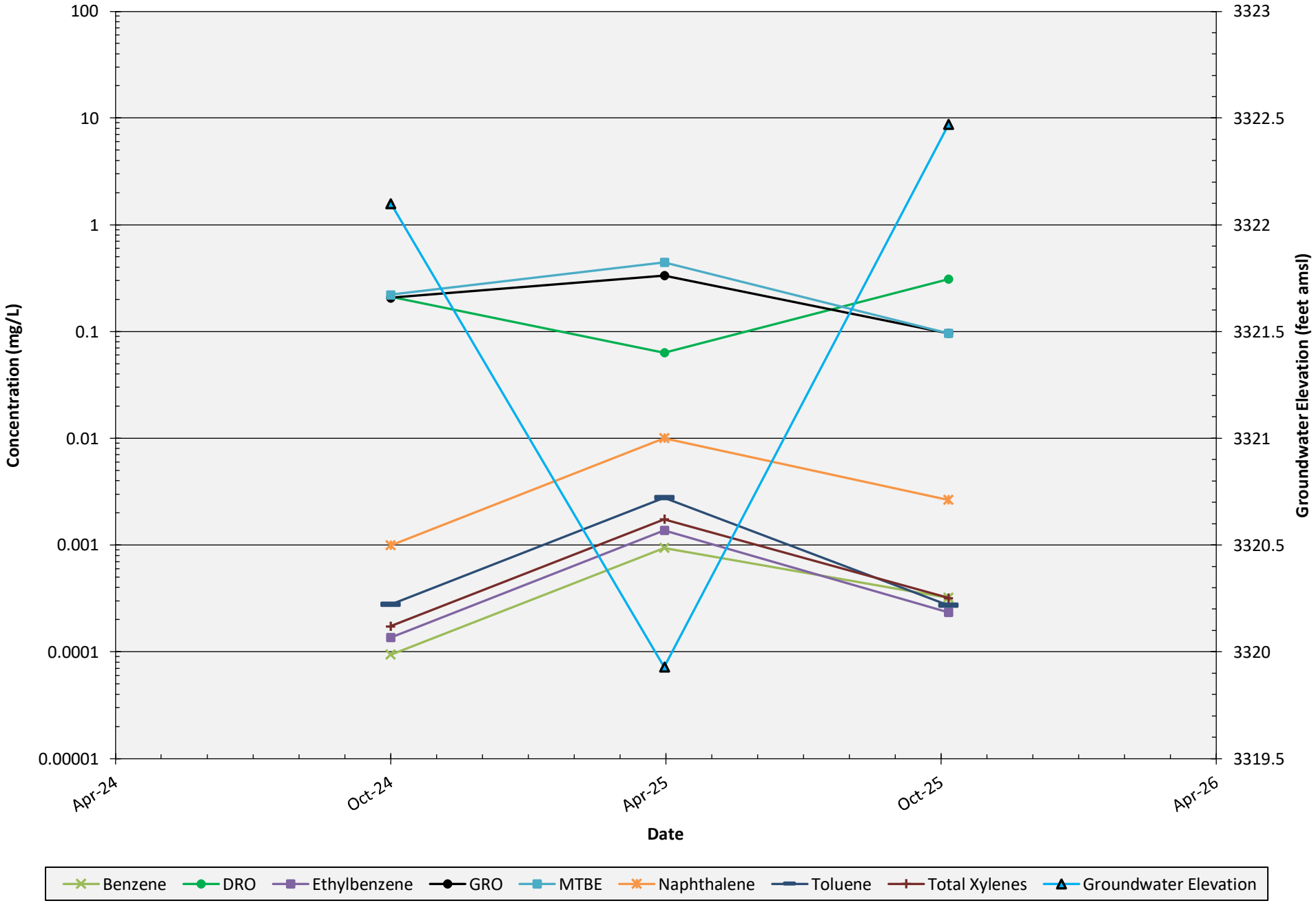


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-152: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

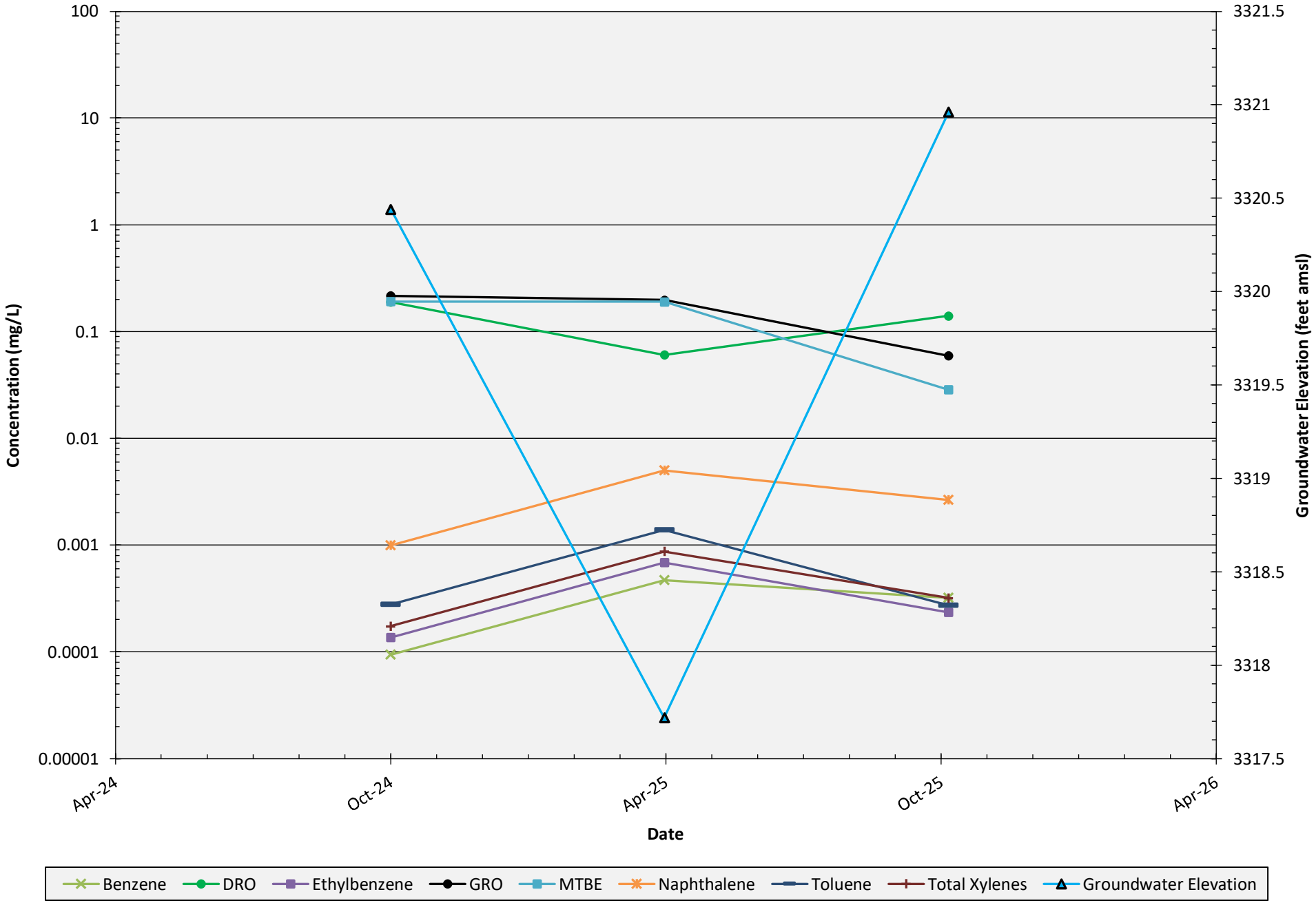


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-153: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

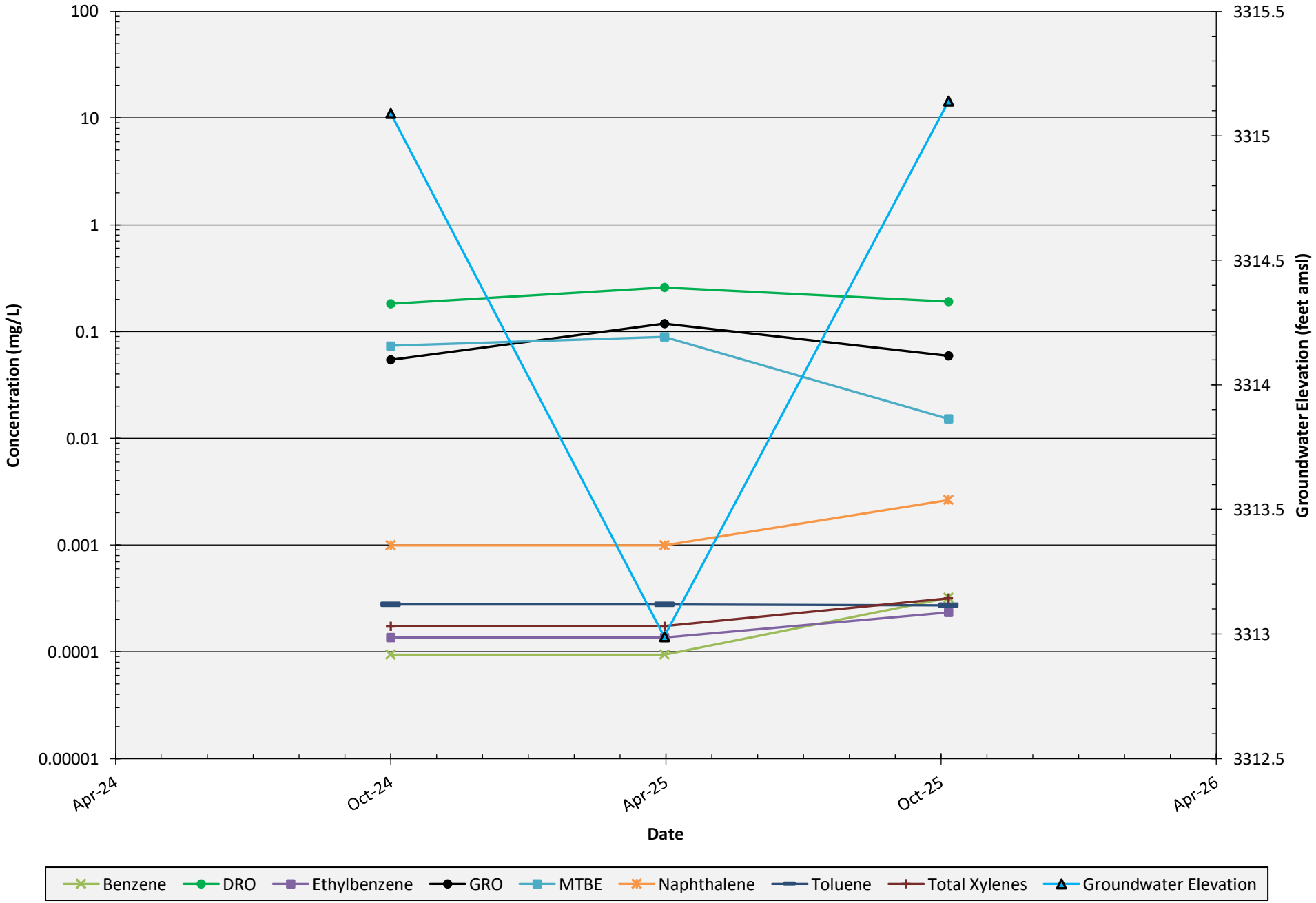


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-154: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

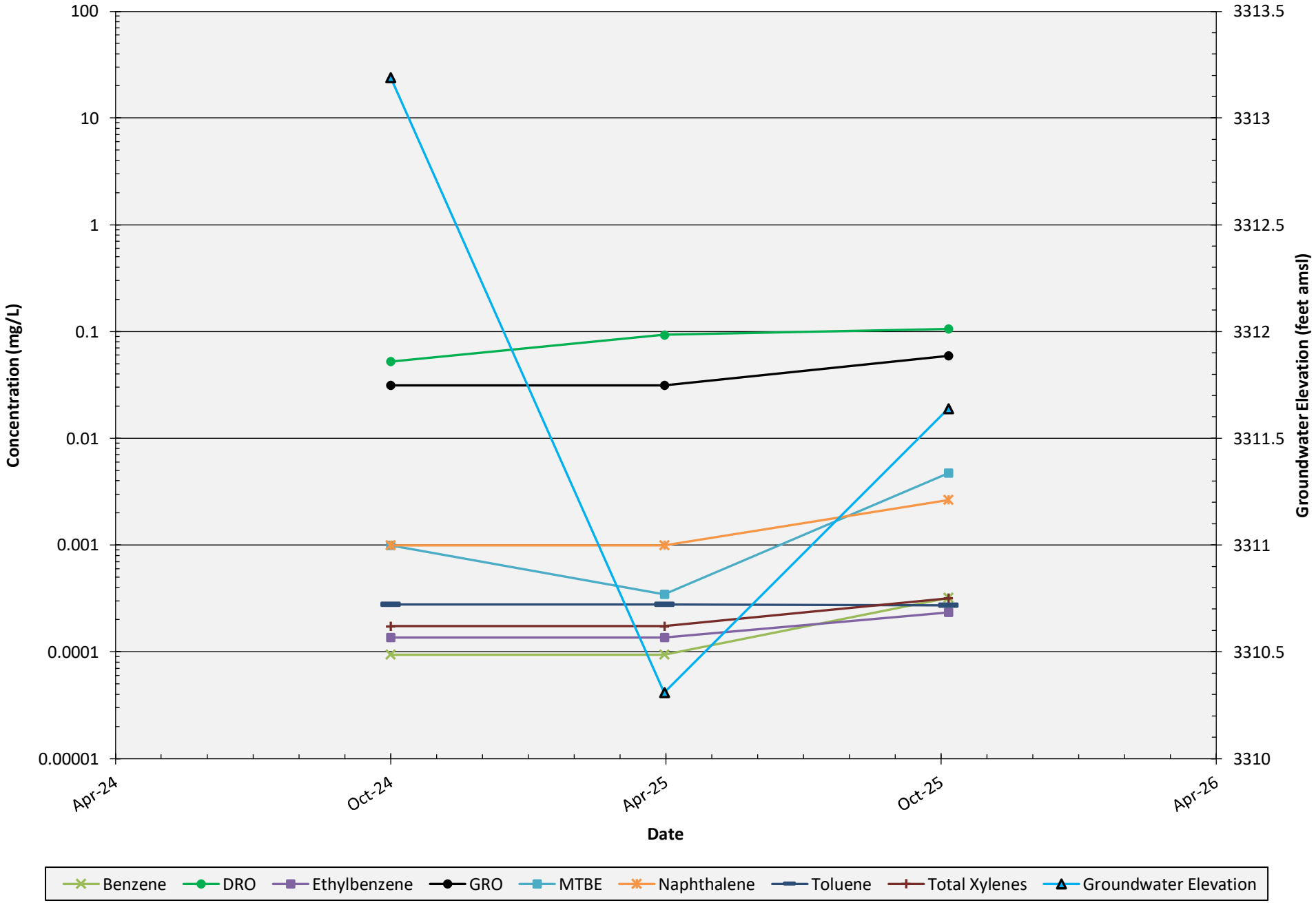


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-155: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

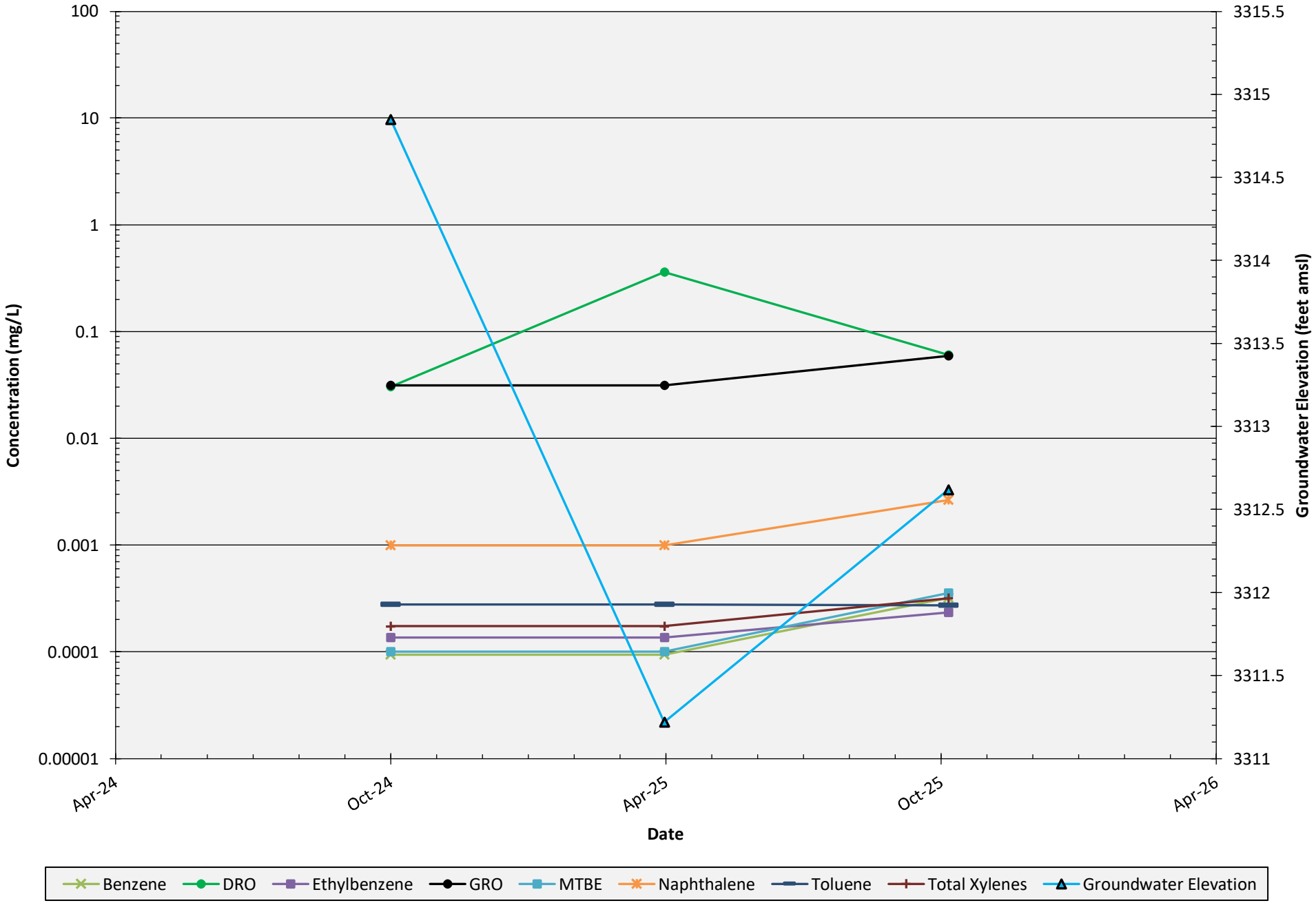


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

MW-156: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

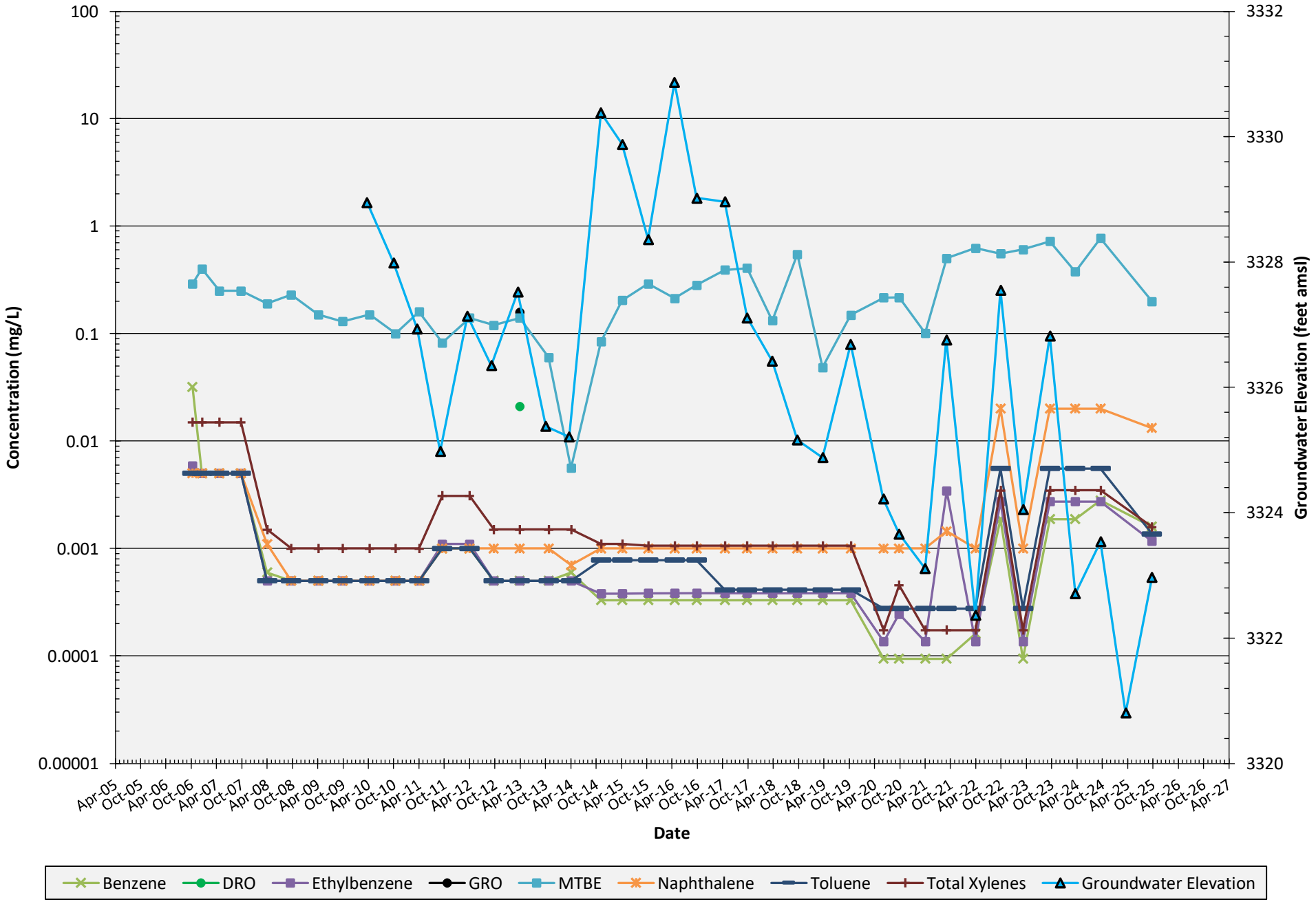


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

NP-1: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch

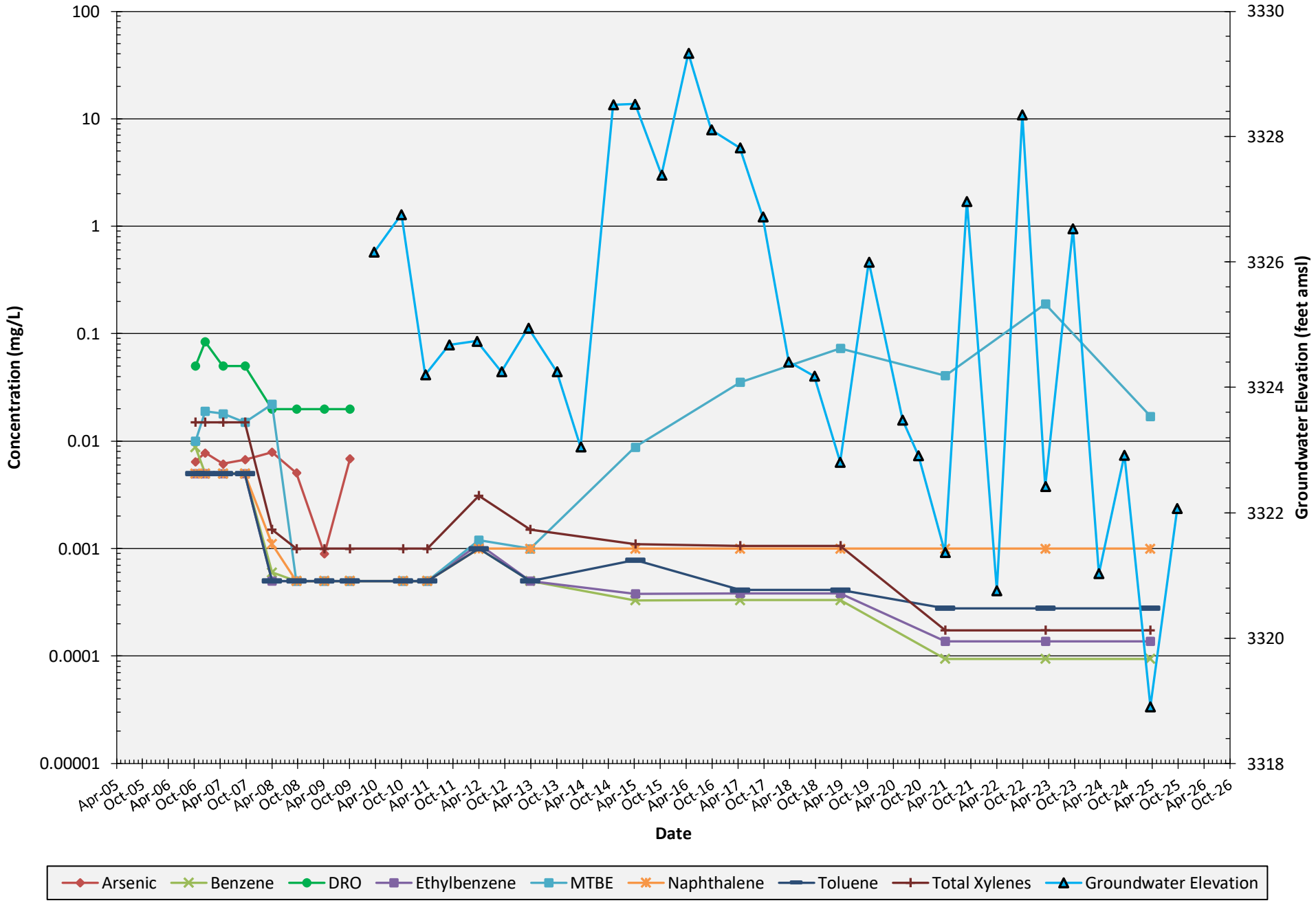


Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

NP-6: COC Concentrations and Groundwater Elevations

HF Sinclair Navajo Refining LLC - Artesia Refinery

Three Mile Ditch



Released to Imaging: 6/26/2026 3:07:01 PM
Received by OCD: 6/15/2026 7:23:14 PM

Appendix C.3
Historical Summary of Groundwater Elevations
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Area	Well ID	Screen Interval (ft bgs)	Top of Casing Elevation (ft amsl)	Screen Elevation (ft amsl)	Minimum Depth To Water (ft btoc)	Maximum Corrected Groundwater Elevation (ft amsl)	Date of Maximum Corrected Groundwater Elevation	Maximum Depth To Water (ft btoc)	Minimum Corrected Groundwater Elevation (ft amsl)	Date of Minimum Corrected Groundwater Elevation	PSH Historically Present Since 2010	Observed Groundwater Fluctuation (ft)
Cross-Gradient	KWB-13	--	3365.67	--	19.90	3,345.77	3/22/2012	29.81	3,335.86	4/1/2025	No	9.91
	MW-136	10.0 - 25.0	3360.83	3350.8 - 3335.8	9.62	3,351.21	10/4/2016	21.65	3,339.18	10/1/2024	No	12.03
	MW-149	20.0 - 35.0	3373.24	3353.2 - 3338.2	23.45	3,349.79	10/4/2023	24.30	3,348.94	4/1/2025	No	0.85
	MW-150	15.0 - 35.0	3359.18	3344.2 - 3324.2	26.15	3,333.03	10/4/2023	32.36	3,326.82	4/1/2025	No	6.21
	NP-5	10.3 - 20.0	3349.29	3339.0 - 3329.3	10.20	3,339.09	04/10/2007 04/14/2015	21.61	3,327.68	4/2/2025	No	11.41
Evaporation Ponds	OCD-1	--	3311.11	--	10.27	3,300.84	3/26/2009	11.80	3,299.31	6/14/2004	No	1.53
	MW-1R	8.0 - 23.0	3314.2	3306.2 - 3291.2	8.17	3,306.03	10/10/2013	13.38	3,300.82	9/10/2012	No	5.21
	MW-2A	--	3312.97	--	7.98	3,304.99	3/22/2011	12.36	3,300.61	9/10/2012	No	4.38
	MW-2B	38.5 - 48.0	3312.49	3274.0 - 3264.5	11.13	3,301.36	3/21/2023	12.80	3,299.69	10/1/2024	No	1.67
	MW-3	--	3312.26	--	6.81	3,305.45	10/10/2013	13.28	3,298.98	10/1/2024	No	6.47
	MW-4A	--	3312.2	--	9.36	3,302.84	10/10/2013	20.08	3,292.12	9/10/2012	No	10.72
	MW-4B	60.3 - 70.0	3312.01	3251.8 - 3242.0	8.65	3,303.36	10/10/2013	14.00	3,298.01	9/10/2012	No	5.35
	MW-5A	--	3308.62	--	4.89	3,303.73	10/10/2013	10.32	3,298.30	10/6/2020	No	5.43
	MW-5B	41.5 - 50.5	3308.95	3267.4 - 3258.4	5.99	3,302.96	10/10/2013	10.58	3,298.37	9/11/2012	No	4.59
	MW-5C	59.3 - 68.8	3309.28	3250.0 - 3240.5	6.20	3,303.08	10/10/2013	10.76	3,298.52	9/11/2012	No	4.56
	MW-6A	--	3313.46	--	10.08	3,303.38	10/11/2013	14.73	3,298.73	9/10/2012	No	4.65
	MW-6B	39.5 - 49.0	3313.35	3273.9 - 3264.4	10.07	3,303.28	10/11/2013	14.63	3,298.72	9/10/2012	No	4.56
	MW-7A	--	3308.01	--	4.96	3,303.05	10/10/2013	10.99	3,297.02	10/6/2020	No	6.03
	MW-7B	39.5 - 49.0	3307.87	3268.4 - 3258.9	4.96	3,302.91	10/10/2013	10.81	3,297.06	10/6/2020	No	5.85
	MW-10	0.0 - 19.4	3304.76	3304.8 - 3285.4	2.85	3,301.91	11/11/2014	12.62	3,292.14	9/10/2012	No	9.77
	MW-11A	5.5 - 20.0	3310.76	3305.3 - 3290.8	7.17	3,303.59	10/11/2013	11.24	3,299.52	9/10/2012	No	4.07
	MW-11B	35.5 - 45.0	3310.76	3275.3 - 3265.8	7.14	3,303.62	10/11/2013	11.24	3,299.52	9/10/2012	No	4.10
	MW-12	6.5 - 16.0	3312.73	3306.2 - 3296.7	9.36	3,303.37	10/3/2023	10.84	3,301.89	10/1/2024	No	1.48
	MW-13	9.5 - 19.0	3314.24	3304.7 - 3295.2	12.05	3,302.19	10/3/2023	13.88	3,300.36	10/1/2024	No	1.83
	MW-15	9.0 - 19.0	3313.72	3304.7 - 3294.7	9.44	3,304.28	3/22/2011	13.72	3,300.00	10/1/2024	No	4.28
	MW-18A	10.0 - 20.0	3308.58	3298.6 - 3288.6	7.57	3,301.01	10/10/2013	11.80	3,296.78	9/11/2012	No	4.23
	MW-18B	37.0 - 47.0	3308.74	3271.7 - 3261.7	7.75	3,300.99	3/22/2011	11.78	3,296.96	9/11/2012	No	4.03
	MW-18T	37.0 - 47.0	3308.55	3271.6 - 3261.6	10.38	3,298.17	3/21/2023	11.69	3,296.86	10/1/2024	No	1.31
	MW-22A	5.5 - 20.5	3307.62	3302.1 - 3287.1	5.52	3,302.10	10/9/2013	10.02	3,297.60	10/2/2024	No	4.50
	MW-22B	42.3 - 52.0	3307.63	3265.3 - 3255.6	5.32	3,302.31	10/9/2013	9.83	3,297.80	10/2/2024	No	4.51
	MW-24	15.0 - 20.0	3312.85	3297.9 - 3292.9	11.31	3,301.54	10/3/2023	13.21	3,299.64	10/1/2024	No	1.90
	MW-69	5.0 - 20.0	3313.86	3308.9 - 3293.9	10.39	3,303.47	10/3/2023	11.91	3,301.95	10/1/2024	No	1.52
	MW-70	5.0 - 20.0	3306.3	3301.3 - 3286.3	5.61	3,300.69	10/10/2013	10.13	3,296.17	10/1/2024	No	4.52
	MW-72	2.0 - 12.0	3308.45	3306.4 - 3296.4	4.84	3,303.61	11/11/2014	9.17	3,299.28	10/6/2020	No	4.33
	MW-73	2.0 - 17.0	3310.18	3308.2 - 3293.2	6.58	3,303.60	11/11/2014	11.92	3,298.26	10/6/2020	No	5.34
	MW-74	2.0 - 17.0	3310.03	3308.0 - 3293.0	6.30	3,303.73	3/21/2007	11.01	3,299.02	10/6/2020	No	4.71
	MW-75	3.0 - 18.0	3310.21	3307.2 - 3292.2	6.42	3,303.79	3/21/2007	11.38	3,298.83	9/10/2012	No	4.96
	MW-76	3.0 - 18.0	3311.84	3308.8 - 3293.8	8.16	3,303.68	3/22/2007	12.98	3,298.86	9/10/2012	No	4.82
	MW-77	3.0 - 18.0	3310.07	3307.1 - 3292.1	6.37	3,303.70	3/22/2007	11.22	3,298.85	9/10/2012	No	4.85
	MW-78	2.0 - 17.0	3310.14	3308.1 - 3293.1	6.21	3,303.93	11/11/2014	11.41	3,298.73	4/3/2018	No	5.20
	MW-79	2.0 - 17.0	3311.43	3309.4 - 3294.4	7.76	3,303.67	10/10/2013	12.12	3,299.31	9/10/2012	No	4.36
	MW-80	2.0 - 17.0	3310.79	3308.8 - 3293.8	6.85	3,303.94	3/27/2013	11.46	3,299.33	3/28/2012	No	4.61
	MW-81	2.0 - 17.0	3312.34	3310.3 - 3295.3	8.40	3,303.94	10/10/2013	13.12	3,299.22	9/10/2012	No	4.72
	MW-82	2.0 - 17.0	3310.75	3308.8 - 3293.8	6.76	3,303.99	3/22/2007	11.68	3,299.07	9/10/2012	No	4.92
	MW-83	2.0 - 17.0	3310.19	3308.2 - 3293.2	6.11	3,304.08	3/22/2007	11.80	3,298.39	9/10/2012	No	5.69
	MW-84	2.0 - 17.0	3311.59	3309.6 - 3294.6	6.57	3,305.02	11/10/2014	11.13	3,300.46	10/1/2024	No	4.56
	MW-85	3.0 - 18.0	3311.09	3308.1 - 3293.1	7.78	3,303.31	10/11/2013	12.66	3,298.43	9/10/2012	Yes	4.88
	MW-86	2.0 - 17.0	3311.06	3309.1 - 3294.1	7.50	3,303.56	10/11/2013	12.48	3,298.58	9/10/2012	Yes	4.98
	MW-87	2.0 - 17.0	3307.64	3305.6 - 3290.6	5.62	3,302.02	10/10/2013	10.26	3,297.38	10/6/2020	No	4.64
	MW-88	3.0 - 18.0	3308.68	3305.7 - 3290.7	5.33	3,303.35	3/22/2007	11.02	3,297.66	10/1/2024	No	5.69
	MW-120	10.0 - 25.0	3313.55	3303.6 - 3288.6	10.01	3,303.54	11/10/2014	14.26	3,299.29	10/1/2024	No	4.25
	MW-121	10.0 - 25.0	3314.68	3304.7 - 3289.7	9.83	3,304.85	6/16/2020	14.12	3,300.56	10/6/2020	No	4.29
	MW-122	10.0 - 20.0	3311.69	3301.7 - 3291.7	8.37	3,303.32	10/10/2013	12.02	3,299.67	10/6/2020	No	3.65
	MW-123	10.0 - 25.0	3303.98	3294.0 - 3279.0	3.21	3,300.77	11/11/2014	8.19	3,295.79	10/2/2024	No	4.98
	MW-124	5.0 - 20.0	3305.84	3300.8 - 3285.8	6.03	3,299.81	11/11/2014	10.78	3,295.06	10/06/2020 10/01/2024	No	4.75
	OCD-1R	--	3314.27	--	9.50	3,304.77	6/16/2020	13.90	3,300.37	9/10/2012	No	4.40
	OCD-2A	8.5 - 23.5	3314.16	3305.7 - 3290.7	9.10	3,305.06	3/22/2011	14.09	3,300.07	9/10/2012	No	4.99

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Appendix C.3
Historical Summary of Groundwater Elevations
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Area	Well ID	Screen Interval (ft bgs)	Top of Casing Elevation (ft amsl)	Screen Elevation (ft amsl)	Minimum Depth To Water (ft btoc)	Maximum Corrected Groundwater Elevation (ft amsl)	Date of Maximum Corrected Groundwater Elevation	Maximum Depth To Water (ft btoc)	Minimum Corrected Groundwater Elevation (ft amsl)	Date of Minimum Corrected Groundwater Elevation	PSH Historically Present Since 2010	Observed Groundwater Fluctuation (ft)
Evaporation Ponds	OCD-2B	38.5 - 48.0	3313.07	3274.6 - 3265.1	10.98	3,302.09	10/3/2023	12.61	3,300.46	10/1/2024	No	1.63
	OCD-3	6.5 - 21.5	3314.29	3307.8 - 3292.8	9.78	3,304.51	6/16/2020	14.58	3,299.71	9/10/2012	No	4.80
	OCD-4	6.5 - 21.5	3313.7	3307.2 - 3292.2	9.17	3,304.53	3/22/2011	13.68	3,300.02	9/10/2012	No	4.51
	OCD-5	--	3311.34	--	7.61	3,303.73	6/16/2020	12.18	3,299.16	9/10/2012	No	4.57
	OCD-6	8.0 - 23.0	3311.36	3303.4 - 3288.4	7.20	3,304.16	3/22/2011	12.42	3,298.94	9/10/2012	No	5.22
	OCD-7A	--	3307.05	--	6.62	3,300.43	3/26/2009	9.31	3,297.74	10/11/2006	No	4.05
			3310.03	--	8.24	3,301.79	10/6/2010	8.81	3,301.22	3/25/2010	No	4.05
	OCD-7AR	5.5 - 19.5	3310.03	3304.5 - 3290.5	6.18	3,303.85	3/23/2011	11.72	3,298.31	9/10/2012	No	5.54
	OCD-7B	43.5 - 52.5	3310.26	3266.8 - 3257.8	6.96	3,303.30	6/16/2020	12.56	3,297.70	3/29/2011	No	5.60
	OCD-7C	60.3 - 69.8	3310.1	3249.9 - 3240.4	9.23	3,300.87	4/2/2025	10.55	3,299.55	10/1/2024	No	1.32
	OCD-8A	3.0 - 18.0	3308.79	3305.8 - 3290.8	5.68	3,303.11	11/11/2014	11.68	3,297.11	9/10/2012	No	6.00
	OCD-8B	43.5 - 53.0	3309.19	3265.7 - 3256.2	6.23	3,302.96	10/10/2013	10.69	3,298.50	9/10/2012	No	4.46
Field East of Refinery	KWB-1A	18.0 - 32.0	3353.46	3335.5 - 3321.5	6.82	3,346.64	11/11/2014	20.14	3,333.32	4/1/2025	Yes	13.32
	KWB-1B	18.0 - 32.0	3352.83	3334.8 - 3320.8	8.55	3,344.28	11/11/2014	21.86	3,330.97	4/1/2025	Yes	13.31
	KWB-1C	30.5 - 49.5	3351.38	3320.9 - 3301.9	9.14	3,342.24	11/11/2014	22.45	3,328.93	4/1/2025	No	13.31
	KWB-3AR	17.0 - 33.0	3347.08	3330.1 - 3314.1	15.03	3,332.05	9/7/2011	27.80	3,319.28	4/2/2025	No	12.77
	KWB-7	18.0 - 32.0	3346.16	3328.2 - 3314.2	10.85	3,335.31	10/11/2022	26.96	3,319.20	4/1/2025	Yes	16.11
	KWB-8	15.0 - 34.0	3350.41	3335.4 - 3316.4	11.51	3,338.90	10/11/2022	28.36	3,322.05	4/1/2025	Yes	16.85
	KWB-10R	9.0 - 29.0	3350.97	3342.0 - 3322.0	11.02	3,339.95	11/11/2014	21.68	3,329.29	4/1/2025	Yes	10.66
	KWB-11A	30.0 - 39.5	3348.72	3318.7 - 3309.2	10.66	3,338.06	10/11/2022	28.13	3,320.59	4/1/2025	Yes	17.47
	KWB-11B	50.0 - 69.5	3348.03	3298.0 - 3278.5	11.56	3,336.47	10/11/2022	29.96	3,318.07	3/23/2011	No	18.40
	KWB-12A	15.5 - 24.5	3351.81	3336.3 - 3327.3	15.31	3,336.50	11/11/2014	25.31	3,326.50	12/15/2006	No	10.00
	KWB-12B	25.5 - 39.5	3351.63	3326.1 - 3312.1	15.11	3,336.52	11/11/2014	30.73	3,320.90	4/1/2025	No	15.62
	KWB-P4	--	3305.39	--	3.14	3,302.25	4/14/2015	10.21	3,295.18	9/11/2012	No	7.07
	MW-57	10.0 - 30.0	3350.91	3340.9 - 3320.9	12.68	3,338.23	10/4/2016	28.20	3,322.71	4/1/2025	Yes	15.52
	MW-58	13.0 - 28.0	3362.22	3349.2 - 3334.2	15.73	3,346.49	11/11/2014	25.74	3,336.48	4/2/2025	Yes	10.01
	MW-111	25.0 - 40.0	3365.51	3340.5 - 3325.5	19.89	3,345.62	11/11/2014	29.18	3,336.33	4/2/2025	Yes	9.29
	MW-112	25.0 - 35.0	3358.38	3333.4 - 3323.4	15.80	3,342.58	11/11/2014	26.23	3,332.15	4/2/2025	Yes	10.43
	MW-113	20.0 - 35.0	3352.93	3332.9 - 3317.9	14.92	3,338.01	10/11/2022	28.06	3,324.87	4/2/2025	No	13.14
	MW-125	15.0 - 25.0	3358.81	3343.8 - 3333.8	5.11	3,353.70	10/19/2015	21.74	3,337.07	4/13/2021	No	16.63
	MW-126A	19.0 - 34.0	3356.6	3337.6 - 3322.6	8.73	3,347.87	11/10/2014	22.83	3,333.77	4/13/2021	Yes	14.10
	MW-126B	40.0 - 50.0	3356.67	3316.7 - 3306.7	8.65	3,348.02	11/10/2014	22.71	3,333.96	4/13/2021	No	14.06
	MW-127	20.0 - 50.0	3358.39	3338.4 - 3308.4	13.91	3,344.48	11/10/2014	25.08	3,333.31	4/1/2025	Yes	11.17
	MW-128	15.0 - 35.0	3358.77	3343.8 - 3323.8	11.30	3,347.47	11/11/2014	20.94	3,337.83	4/13/2021	Yes	9.64
	MW-129	20.0 - 50.0	3364.38	3344.4 - 3314.4	18.51	3,345.87	11/10/2014	29.59	3,334.79	10/8/2025	Yes	11.08
	MW-130	30.0 - 45.0	3369.86	3339.9 - 3324.9	16.79	3,353.07	10/19/2015	24.32	3,345.54	4/13/2021	No	7.53
	MW-131	20.0 - 50.0	3363.49	3343.5 - 3313.5	18.96	3,344.53	11/11/2014	27.99	3,335.50	4/2/2025	Yes	9.03
	MW-132	15.0 - 40.0	3357.12	3342.1 - 3317.1	13.97	3,343.15	11/11/2014	21.82	3,335.30	10/6/2020	Yes	7.85
	MW-133	15.0 - 35.0	3349.45	3334.4 - 3314.4	13.35	3,336.10	11/10/2014	23.91	3,325.54	4/1/2025	Yes	10.56
	MW-134	20.0 - 30.0	3346.23	3326.2 - 3316.2	9.16	3,337.07	11/10/2014	20.98	3,325.25	4/2/2025	No	11.82
	MW-135	35.0 - 65.0	3337.65	3302.6 - 3272.6	25.96	3,311.69	10/4/2016	41.19	3,296.46	10/8/2025	No	15.23
	MW-145	9.0 - 29.0	3347.069	3338.1 - 3318.1	17.32	3,329.75	10/11/2022	21.24	3,325.83	4/13/2021	No	3.92
	MW-146	10.0 - 30.0	3343.093	3333.1 - 3313.1	20.51	3,322.58	10/11/2022	24.73	3,318.36	4/13/2021	No	4.22
	MW-147	20.0 - 40.0	3339.48	3319.5 - 3299.5	28.73	3,310.75	10/11/2022	38.19	3,301.29	4/1/2025	No	9.46
	MW-148	20.0 - 40.0	3342.593	3322.6 - 3302.6	34.07	3,308.52	10/3/2023	38.92	3,303.67	4/1/2025	No	4.85
	MW-151	10.0 - 25.0	3347.3	3337.3 - 3322.3	19.33	3,327.97	10/2/2024	22.30	3,325.00	4/2/2025	Yes	2.97
	MW-160	45.0 - 60.0	3359.46	3314.5 - 3299.5	25.01	3,334.45	10/2/2024	26.08	3,333.38	4/1/2025	No	1.07
	MW-161	45.0 - 60.0	3353	3308.0 - 3293.0	20.75	3,332.25	10/1/2024	27.30	3,325.70	4/1/2025	No	6.55
	RW-12R	15.0 - 35.0	3351.54	3336.5 - 3316.5	15.64	3,335.90	10/11/2022	28.07	3,323.47	4/13/2021	Yes	12.43
	RW-13R	15.0 - 35.0	3351.54	3336.5 - 3316.5	14.27	3,337.27	10/11/2022	27.86	3,323.68	4/2/2024	Yes	13.59
	RW-14R	15.0 - 35.0	3349.37	3334.4 - 3314.4	13.82	3,335.55	11/10/2014	26.44	3,322.93	4/1/2025	Yes	12.62
	RW-18	--	3350.84	--	-0.70	3,351.54	9/15/2009	17.60	3,333.24	10/6/2020	No	18.30
	RW-20A	--	3348.44	--	9.81	3,338.63	10/11/2022	22.41	3,326.03	3/26/2014	Yes	12.60
	RW-20B	--	3348.44	--	1.97	3,346.47	11/10/2014 04/14/2015	22.41	3,326.03	3/26/2014	Yes	20.44
	RW-22	11.5 - 39.0	3349.21	3337.7 - 3310.2	11.45	3,337.76	10/11/2022	28.80	3,320.41	4/13/2021	Yes	17.35

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Appendix C.3
Historical Summary of Groundwater Elevations
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Area	Well ID	Screen Interval (ft bgs)	Top of Casing Elevation (ft amsl)	Screen Elevation (ft amsl)	Minimum Depth To Water (ft btoc)	Maximum Corrected Groundwater Elevation (ft amsl)	Date of Maximum Corrected Groundwater Elevation	Maximum Depth To Water (ft btoc)	Minimum Corrected Groundwater Elevation (ft amsl)	Date of Minimum Corrected Groundwater Elevation	PSH Historically Present Since 2010	Observed Groundwater Fluctuation (ft)
NCL	MW-53	14.0 - 24.0	3368.73	3354.7 - 3344.7	7.81	3,360.92	10/4/2016	16.14	3,352.59	9/6/2011	No	8.33
	NCL-34	--	3364.74	--	10.80	3,353.94	3/24/2010	10.89	3,353.85	9/21/2010	No	0.09
	MW-18	15.0 - 19.0	3361.02	3346.0 - 3342.0	7.98	3,353.04	11/11/2014	17.38	3,343.64	10/1/2024	No	9.40
	MW-19	5.0 - 19.5	3368	3363.0 - 3348.5	13.14	3,354.86	3/21/2023	15.60	3,352.40	10/1/2024	No	2.46
	MW-45	10.5 - 15.5	3351.51	3341.0 - 3336.0	2.53	3,348.98	4/14/2015	14.02	3,337.49	4/3/2024	No	11.49
	MW-53R	14.0 - 24.0	3368.749	3354.7 - 3344.7	12.63	3,356.12	9/14/2021	15.51	3,353.24	4/12/2022	No	2.88
	MW-54A	12.7 - 27.7	3366.49	3353.8 - 3338.8	8.80	3,357.69	11/11/2014	17.98	3,348.51	10/1/2024	No	9.18
	MW-54B	33.8 - 43.8	3366.47	3332.7 - 3322.7	8.78	3,357.69	10/4/2016	18.05	3,348.42	10/1/2024	No	9.27
	MW-55	13.7 - 23.7	3364.77	3351.1 - 3341.1	8.13	3,356.64	9/27/2006	17.95	3,346.82	10/1/2024	No	9.82
	MW-56	13.4 - 23.4	3357.44	3344.0 - 3334.0	8.64	3,348.80	4/14/2015	19.43	3,338.01	4/3/2024	No	10.79
	MW-108	9.0 - 24.0	3369.11	3360.1 - 3345.1	9.74	3,359.37	11/11/2014	18.84	3,350.27	4/13/2021	No	9.10
	NCL-31	13.0 - 18.0	3367.54	3354.5 - 3349.5	7.12	3,360.42	10/4/2016	15.24	3,352.30	9/6/2011	No	8.12
	NCL-32	17.0 - 22.0	3364.91	3347.9 - 3342.9	1.33	3,363.58	9/21/2010	15.24	3,349.67	10/2/2024	No	13.91
	NCL-33	13.0 - 18.0	3363.97	3351.0 - 3346.0	6.01	3,357.96	11/11/2014	15.35	3,348.62	10/1/2024	No	9.34
	NCL-34A	16.0 - 21.0	3365.49	3349.5 - 3344.5	7.59	3,357.90	11/11/2014	16.42	3,349.07	10/1/2024	Yes	8.83
	NCL-44	--	3364.45	--	6.09	3,358.36	11/11/2014	15.10	3,349.35	10/2/2024	No	9.01
	NCL-49	16.8 - 17.8	3371.13	3354.3 - 3353.3	12.13	3,359.00	10/4/2016	20.93	3,350.20	10/1/2024	No	8.80
North Refinery	MW-23	15.0 - 20.0	3368.38	3353.4 - 3348.4	7.28	3,361.10	4/14/2015	19.90	3,348.48	4/13/2021	Yes	12.62
	MW-29	9.8 - 19.3	3360.64	3350.9 - 3341.4	7.24	3,353.40	4/14/2015	23.59	3,337.05	4/13/2021	Yes	16.35
	MW-30	--	3361.98	--	15.40	3,346.58	10/8/2025	18.61	3,343.37	4/3/2024	No	3.21
	MW-39	14.0 - 24.0	3358.79	3344.8 - 3334.8	4.37	3,354.42	10/19/2015	18.32	3,340.47	4/13/2021	Yes	13.95
	MW-40	--	3356.93	--	3.00	3,353.93	10/19/2015	16.92	3,340.01	4/13/2021	Yes	13.92
	MW-41	14.0 - 19.0	3356.58	3342.6 - 3337.6	3.40	3,353.18	10/4/2016	16.02	3,340.56	4/13/2021	Yes	12.62
	MW-42	--	3358.44	--	6.17	3,352.27	10/19/2015	18.43	3,340.01	4/13/2021	Yes	12.26
	MW-43	15.5 - 20.5	3365.49	3350.0 - 3345.0	6.22	3,359.27	10/19/2015	17.38	3,348.11	4/13/2021	Yes	11.16
	MW-59	15.0 - 30.0	3362.43	3347.4 - 3332.4	4.00	3,358.43	9/16/2009	19.69	3,342.74	4/13/2021	Yes	15.69
	MW-60	15.0 - 30.0	3361.98	3347.0 - 3332.0	5.20	3,356.78	9/16/2009	20.91	3,341.07	4/13/2021	Yes	15.71
	MW-61	14.0 - 29.0	3369.47	3355.5 - 3340.5	7.88	3,361.59	10/4/2016	16.08	3,353.39	9/7/2011	No	8.20
	MW-62	14.0 - 29.0	3368.81	3354.8 - 3339.8	10.38	3,358.43	10/19/2015	19.39	3,349.42	4/14/2011	Yes	9.01
	MW-62R	5.0 - 25.0	3368.525	3363.5 - 3343.5	14.54	3,353.98	10/7/2025	18.50	3,350.03	4/13/2021	Yes	3.95
	MW-67	12.0 - 27.0	3365.45	3353.4 - 3338.4	6.61	3,358.84	10/19/2015	16.22	3,349.23	4/13/2021	Yes	9.61
	MW-90	5.0 - 20.0	3369.42	3364.4 - 3349.4	9.11	3,360.31	10/19/2015	16.11	3,353.31	9/6/2011	No	7.00
	MW-91	7.0 - 22.0	3367.73	3360.7 - 3345.7	8.12	3,359.61	10/19/2015	16.46	3,351.27	4/3/2024	Yes	8.34
	MW-92	5.0 - 20.0	3368.72	3363.7 - 3348.7	9.13	3,359.59	10/19/2015	17.25	3,351.47	4/3/2024	Yes	8.12
	MW-93	5.0 - 20.0	3363.79	3358.8 - 3343.8	4.93	3,358.86	10/19/2015	14.23	3,349.56	4/2/2024	Yes	9.30
	MW-94	5.0 - 20.0	3367.97	3363.0 - 3348.0	9.61	3,358.36	10/19/2015	19.29	3,348.68	4/13/2021	Yes	9.68
	MW-95	7.0 - 22.0	3368.7	3361.7 - 3346.7	9.57	3,359.13	10/19/2015	18.72	3,349.98	4/3/2024	Yes	9.15
	MW-96	7.0 - 22.0	3368.92	3361.9 - 3346.9	8.48	3,360.44	10/19/2015	16.13	3,352.79	4/13/2021	Yes	7.65
	MW-97	8.0 - 23.0	3365.92	3357.9 - 3342.9	7.99	3,357.93	10/4/2016	14.68	3,351.24	9/7/2011	Yes	6.69
	MW-98	13.0 - 23.0	3361.36	3348.4 - 3338.4	6.14	3,355.22	10/19/2015	15.30	3,346.06	4/13/2021	No	9.16
	MW-137	10.0 - 30.0	3364.83	3354.8 - 3334.8	4.20	3,360.63	10/19/2015	15.26	3,349.57	4/13/2021	Yes	11.06
	MW-137A	5.5 - 15.5	3363.454	3358.0 - 3348.0	10.96	3,352.50	10/8/2025	13.72	3,349.74	10/6/2020	Yes	2.76
	MW-138	10.0 - 25.0	3363.24	3353.2 - 3338.2	6.10	3,357.14	10/19/2015	16.87	3,346.37	4/13/2021	Yes	10.77
	MW-138A	5.5 - 15.5	3364.556	3359.1 - 3349.1	11.99	3,352.57	10/7/2025	14.66	3,349.89	4/12/2022	Yes	2.68
	MW-157	45.0 - 60.0	3370.77	3325.8 - 3310.8	15.45	3,355.32	10/7/2025	17.49	3,353.28	10/2/2024	No	2.04
	RW-1	--	3367.03	--	7.95	3,359.08	10/19/2015	22.57	3,344.46	3/21/2023	Yes	14.62
	RW-2	--	3368.17	--	9.42	3,358.75	10/19/2015	25.15	3,343.02	10/2/2024	Yes	15.73
	RW-7	--	3367.09	--	8.45	3,358.64	10/19/2015	19.74	3,347.35	4/13/2021	Yes	11.29
	RW-8	--	3368.1	--	8.34	3,359.76	10/19/2015	20.10	3,348.00	4/2/2025	Yes	11.76
	RW-9	--	3359.51	--	5.74	3,353.77	4/27/2017	18.12	3,341.39	4/13/2021	No	12.38
	RW-10	--	3360.61	--	4.99	3,355.62	4/27/2017	18.29	3,342.32	4/13/2021	Yes	13.30
	RW-16	--	3360.97	--	9.13	3,351.84	10/19/2015	17.64	3,343.33	10/3/2023	No	8.51
	RW-17	--	3364.72	--	8.15	3,356.57	11/11/2014	15.79	3,348.93	10/4/2023	No	7.64

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Appendix C.3
Historical Summary of Groundwater Elevations
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Area	Well ID	Screen Interval (ft bgs)	Top of Casing Elevation (ft amsl)	Screen Elevation (ft amsl)	Minimum Depth To Water (ft btoc)	Maximum Corrected Groundwater Elevation (ft amsl)	Date of Maximum Corrected Groundwater Elevation	Maximum Depth To Water (ft btoc)	Minimum Corrected Groundwater Elevation (ft amsl)	Date of Minimum Corrected Groundwater Elevation	PSH Historically Present Since 2010	Observed Groundwater Fluctuation (ft)
North RO Reject Field	MW-117	10.0 - 25.0	3363.01	3353.0 - 3338.0	6.02	3,356.99	11/10/2014	17.43	3,345.58	10/1/2024	No	11.41
	MW-118	10.0 - 25.0	3361.95	3351.9 - 3336.9	3.56	3,358.39	11/10/2014	21.51	3,340.44	10/1/2024	No	17.95
	MW-119	10.0 - 25.0	3356.11	3346.1 - 3331.1	3.29	3,352.82	11/10/2014	20.41	3,335.70	4/2/2025	No	17.12
	MW-140	10.0 - 30.0	3361.23	3351.2 - 3331.2	11.02	3,350.21	3/23/2023	14.95	3,346.28	10/2/2024	No	3.93
	MW-141	10.0 - 30.0	3359.89	3349.9 - 3329.9	10.79	3,349.10	3/23/2023	16.67	3,343.22	10/2/2024	No	5.88
	MW-142	10.0 - 30.0	3355.78	3345.8 - 3325.8	15.18	3,340.60	10/4/2023	19.79	3,335.99	4/2/2025	No	4.61
	MW-143	10.0 - 30.0	3355.85	3345.9 - 3325.9	15.06	3,340.79	10/4/2023	20.38	3,335.47	4/2/2025	No	5.32
	MW-162	10.0 - 30.0	3345.1	3335.1 - 3315.1	15.82	3,329.28	10/7/2025	18.43	3,326.67	4/2/2025	No	2.61
South Refinery	KWB-2R	--	3364.32	--	17.08	3,347.24	11/11/2014	26.66	3,337.66	4/2/2025	Yes	9.58
	KWB-4	20.0 - 39.0	3370.25	3350.3 - 3331.3	20.71	3,349.54	10/19/2015	28.53	3,341.72	4/13/2021	Yes	7.82
	KWB-5	24.7 - 38.7	3364.72	3340.0 - 3326.0	19.08	3,345.64	11/11/2014	28.12	3,336.60	4/2/2025	Yes	9.04
	KWB-6	17.5 - 36.5	3360.3	3342.8 - 3323.8	15.88	3,344.42	11/11/2014	27.24	3,333.06	4/2/2025	Yes	11.36
	MW-28	25.0 - 30.0	3370.27	3345.3 - 3340.3	12.79	3,357.48	3/27/2008	24.70	3,345.57	3/23/2012	Yes	11.91
	MW-48	--	3362.97	--	15.01	3,347.96	10/19/2015	22.09	3,340.88	4/1/2025	Yes	7.08
	MW-50	--	3371.05	--	12.51	3,358.54	10/4/2016	19.51	3,351.54	3/22/2012	No	7.00
	MW-52	--	3368.3	--	15.07	3,353.23	10/4/2016	25.10	3,343.20	3/24/2010	No	10.03
	MW-64	15.0 - 30.0	3369.52	3354.5 - 3339.5	16.22	3,353.30	10/4/2016	22.96	3,346.56	3/23/2012	Yes	6.74
	MW-65	14.5 - 29.5	3363.6	3349.1 - 3334.1	12.54	3,351.06	10/4/2016	19.88	3,343.72	4/13/2021	Yes	7.34
	MW-66	14.6 - 29.6	3363.46	3348.9 - 3333.9	12.82	3,350.64	10/4/2016	21.12	3,342.34	4/13/2021	Yes	8.30
	MW-99	12.0 - 27.0	3364.51	3352.5 - 3337.5	13.80	3,350.71	11/10/2014	21.84	3,342.67	4/13/2021	Yes	8.04
	MW-101	8.0 - 23.0	3366.148	3358.1 - 3343.1	10.78	3,355.37	10/4/2016	18.08	3,348.07	3/23/2012	No	7.30
	MW-102	12.0 - 27.0	3367.64	3355.6 - 3340.6	12.50	3,355.14	10/4/2016	19.27	3,348.37	3/23/2012	Yes	6.77
	MW-103	7.0 - 22.0	3372.47	3365.5 - 3350.5	12.89	3,359.58	9/14/2012	20.76	3,351.71	3/23/2012	No	7.87
	MW-104	3.0 - 18.0	3371.43	3368.4 - 3353.4	9.85	3,361.58	11/10/2014	19.58	3,351.85	9/14/2012	No	9.73
	MW-105	8.0 - 18.0	3364.99	3357.0 - 3347.0	6.46	3,358.53	10/4/2016	14.29	3,350.70	3/22/2012	Yes	7.83
	MW-106	0.0 - 11.0	3358.98	3359.0 - 3348.0	5.64	3,353.34	10/19/2015	12.97	3,346.01	4/13/2021	No	7.33
	MW-107	12.0 - 22.0	3359.44	3347.4 - 3337.4	8.79	3,350.65	10/19/2015	18.74	3,340.70	4/13/2021	Yes	9.95
	MW-109	15.0 - 29.5	3368.09	3353.1 - 3338.6	13.50	3,354.59	10/4/2016	20.97	3,347.12	3/21/2012	No	7.47
	MW-110	15.0 - 29.5	3368.03	3353.0 - 3338.5	11.93	3,356.10	10/4/2016	19.25	3,348.78	9/13/2012	No	7.32
	MW-139	10.0 - 30.0	3374.05	3364.1 - 3344.1	13.33	3,360.72	9/14/2021	15.15	3,358.90	4/1/2025	No	1.82
	MW-158	45.0 - 60.0	3375.76	3330.8 - 3315.8	14.32	3,361.44	10/7/2025	16.51	3,359.25	4/2/2025	No	2.19
	MW-159	45.0 - 60.0	3370.83	3325.8 - 3310.8	17.58	3,353.25	10/7/2025	19.58	3,351.25	10/2/2024	No	2.00
	RW-4	--	3364.86	--	11.31	3,353.55	10/19/2015	22.86	3,342.00	10/2/2024	Yes	11.55
	RW-4R	--	3364.86	--	10.88	3,353.98	10/4/2016	15.58	3,349.28	10/6/2020	Yes	4.70
	RW-5R	13.0 - 33.0	3368.56	3355.6 - 3335.6	13.46	3,355.10	11/10/2014	33.54	3,335.02	3/19/2013	Yes	20.08
	RW-6	--	3368.36	--	12.69	3,355.67	10/4/2016	25.41	3,342.95	4/2/2024	Yes	12.72
	RW-11-0	--	3353.95	--	15.70	3,338.25	10/4/2016	22.16	3,331.79	4/26/2016	Yes	6.46
	RW-15	--	3361.41	--	12.74	3,348.67	10/4/2016	20.50	3,340.91	4/13/2021	Yes	7.76
	RW-19	11.0 - 46.0	3369.11	3358.1 - 3323.1	20.98	3,348.13	10/19/2015	35.74	3,333.37	3/19/2013	Yes	14.76
South RO Reject Field	MW-114	20.0 - 35.0	3361.68	3341.7 - 3326.7	3.63	3,358.05	4/25/2017	18.88	3,342.80	4/13/2021	No	15.25
	MW-115	10.0 - 25.0	3359.31	3349.3 - 3334.3	2.91	3,356.40	4/14/2015	19.04	3,340.27	4/13/2021	No	16.13
	MW-116	10.0 - 25.0	3353.77	3343.8 - 3328.8	2.57	3,351.20	10/19/2015	19.23	3,334.54	4/2/2025	No	16.66
	MW-144	10.0 - 30.0	3351.12	3341.1 - 3321.1	14.19	3,336.93	10/3/2023	19.62	3,331.50	4/1/2025	No	5.43
	MW-163	10.0 - 30.0	3355.05	3345.1 - 3325.1	17.66	3,337.39	10/1/2024	20.83	3,334.22	4/2/2025	No	3.17
TEL	MW-49	--	3359.63	--	6.59	3,353.04	10/19/2015	15.32	3,344.31	4/13/2021	No	8.73
	TEL-1	13.0 - 23.0	3358.23	3345.2 - 3335.2	3.81	3,354.42	10/19/2015	17.85	3,340.38	4/13/2021	Yes	14.04
	TEL-2	13.0 - 23.0	3359.12	3346.1 - 3336.1	4.71	3,354.41	10/19/2015	18.69	3,340.43	4/13/2021	Yes	13.98
	TEL-3	13.0 - 23.0	3358.33	3345.3 - 3335.3	3.98	3,354.35	10/19/2015	18.18	3,340.15	4/13/2021	Yes	14.20
	TEL-4	13.0 - 23.0	3360.24	3347.2 - 3337.2	4.51	3,355.73	10/19/2015	16.37	3,343.87	4/13/2021	No	11.86

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Appendix C.3
Historical Summary of Groundwater Elevations
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Area	Well ID	Screen Interval (ft bgs)	Top of Casing Elevation (ft amsl)	Screen Elevation (ft amsl)	Minimum Depth To Water (ft btoc)	Maximum Corrected Groundwater Elevation (ft amsl)	Date of Maximum Corrected Groundwater Elevation	Maximum Depth To Water (ft btoc)	Minimum Corrected Groundwater Elevation (ft amsl)	Date of Minimum Corrected Groundwater Elevation	PSH Historically Present Since 2010	Observed Groundwater Fluctuation (ft)
TMD	MW-8	--	3336.42	--	8.16	3,328.26	4/14/2015	19.67	3,316.75	4/2/2025	No	11.51
	MW-9	--	3336.2	--	13.43	3,322.77	10/3/2023	20.27	3,315.93	4/1/2025	No	6.84
	MW-16	8.5 - 19.0	3316.12	3307.6 - 3297.1	5.95	3,310.17	11/11/2014	14.23	3,301.89	4/2/2024	No	8.28
	MW-20	9.5 - 23.5	3340.91	3331.4 - 3317.4	9.07	3,331.84	11/10/2014	19.32	3,321.59	4/2/2025	No	10.25
	MW-21	7.5 - 22.0	3337.31	3329.8 - 3315.3	9.07	3,328.24	11/10/2014	19.28	3,318.03	4/13/2021	No	10.21
	MW-25	15.8 - 25.3	3312.29	3296.5 - 3287.0	5.18	3,307.11	11/10/2014	15.96	3,296.33	10/6/2020	No	10.78
	MW-26	15.3 - 24.3	3314.87	3299.6 - 3290.6	4.89	3,309.98	10/10/2013	14.84	3,300.03	4/2/2024	No	9.95
	MW-27	18.3 - 27.8	3320.85	3302.6 - 3293.1	10.53	3,310.32	4/9/2007	22.45	3,298.40	4/1/2025	No	11.92
	MW-46	--	3356.92	--	8.51	3,348.41	3/24/2010	9.63	3,347.29	9/22/2010	No	1.12
	MW-46R	3.5 - 18.5	3350.11	3346.6 - 3331.6	2.30	3,347.81	4/14/2015	16.59	3,333.52	04/13/2021 04/02/2025	No	14.29
	MW-68	14.8 - 24.5	3328.21	3313.5 - 3303.7	11.16	3,317.05	4/14/2015	26.38	3,301.83	4/1/2025	No	15.22
	MW-71	9.8 - 19.5	3335.29	3325.5 - 3315.8	10.77	3,324.52	4/26/2016	20.77	3,314.52	4/2/2025	No	10.00
	MW-89	2.0 - 17.0	3318.32	3316.3 - 3301.3	6.68	3,311.64	4/14/2015	16.11	3,302.21	4/2/2024	No	9.43
	MW-152	10.0 - 25.0	3341.05	3331.1 - 3316.1	18.58	3,322.47	10/8/2025	21.12	3,319.93	4/2/2025	No	2.54
	MW-153	15.0 - 30.0	3339.34	3324.3 - 3309.3	18.38	3,320.96	10/8/2025	21.62	3,317.72	4/2/2025	No	3.24
	MW-154	15.0 - 30.0	3338.09	3323.1 - 3308.1	22.95	3,315.14	10/8/2025	25.10	3,312.99	4/2/2025	No	2.15
	MW-155	15.0 - 30.0	3335.37	3320.4 - 3305.4	22.18	3,313.19	10/2/2024	25.06	3,310.31	4/2/2025	No	2.88
	MW-156	10.0 - 25.0	3335.85	3325.9 - 3310.9	21.00	3,314.85	10/2/2024	24.63	3,311.22	4/2/2025	No	3.63
	NP-1	9.5 - 19.0	3342.4	3332.9 - 3323.4	11.53	3,330.87	4/26/2016	21.59	3,320.81	4/2/2025	No	10.06
	NP-2	9.5 - 18.5	3342.77	3333.3 - 3324.3	17.42	3,325.35	10/3/2023	21.14	3,321.63	4/1/2025	No	3.72
	NP-3	9.5 - 18.5	3342.93	3333.4 - 3324.4	16.09	3,326.84	10/3/2023	21.44	3,321.49	4/1/2025	No	5.35
	NP-4	24.5 - 33.5	3345.73	3321.2 - 3312.2	31.03	3,314.70	3/22/2023	36.37	3,309.36	10/1/2024	No	5.34
	NP-6	8.8 - 18.8	3338.05	3329.3 - 3319.3	8.72	3,329.33	4/26/2016	19.14	3,318.91	4/2/2025	No	10.42
	NP-8	--	3314.67	--	12.67	3,302.00	10/3/2023	14.59	3,300.08	10/8/2025	No	1.92
	NP-9	--	3360.62	--	16.91	3,343.71	3/21/2023	20.12	3,340.50	10/1/2024	No	3.21
Up-Gradient	UG-1	8.0 - 23.0	3372.94	3364.9 - 3349.9	12.87	3,360.07	4/26/2016	20.45	3,352.49	3/30/2011	No	7.58
	UG-2	15.0 - 30.0	3380.41	3365.4 - 3350.4	16.81	3,363.60	6/15/2020	24.21	3,356.20	3/30/2011	No	7.40
	UG-3R	17.0 - 37.0	3384.08	3367.1 - 3347.1	21.56	3,362.52	3/20/2023	32.10	3,351.98	3/22/2012	No	10.54
	UG-4	19.5 - 39.5	3377.36	3357.9 - 3337.9	18.09	3,359.27	4/25/2017	21.12	3,356.24	4/11/2022	No	3.03

Notes:
Elevation in feet relative to North American Vertical Datum 1988 (NAVD 88)
ft = feet
-- = screen interval not readily availble
amsl = above mean sea level
bgs = below ground surface
btoc = below top of casing
PSH = phase separated hydrocarbons
TOC = Top of Casing
NCL = North Colony Landfarm
RO = Reverse Osmosis
TEL = Tetra Ethyl Lead Surface Impoundment
TMD = Three Mile Ditch

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Appendix D: Data Validation

Data reported by Pace Analytical in Mount Juliet, Tennessee, for the groundwater samples collected in April, October, and November 2025 were reviewed to ensure that reported analytical results met the data quality requirements contained in the United States Environmental Protection Agency (USEPA) *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, November 2020), *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, November 2020), and the individual methods, as applicable. Quality control (QC) data indicate that measurement data are sufficient to meet method quality objectives, reported data are defensible, and QC mechanisms were generally effective in ensuring measurement data reliability within the expected limits of sampling and analytical error. There were no significant issues noted.

The following sections discuss the QC issues identified during the data review for each of the data reports listed below.

April 2025 Data Package	October 2025 Data Packages	November 2025 Data Package
L1842529	L1905636	L1921108
	L1906275	

Note that the Condition (i.e., either circling "nonconformance [NCF]" or "OK") and sample pHs, as applicable, were not recorded consistently on all chains-of custody (COCs). Therefore, the comments in the case narrative were used to evaluate sample condition; the laboratory was not contacted about this issue.

Also note that the laboratory noted several continuing calibration and initial calibration verification nonconformances in the case narratives and through the use of various qualifiers; however, the actual continuing calibration and initial calibration verification results were not provided so these results were not reviewed or included in this report.

Analytes that were detected in the both the associated blank and sample were evaluated as follows: Corresponding samples at concentrations within five times the maximum blank concentration for inorganic analytes and within 10 times the maximum blank concentrations for organic analytes may include measurement contributions from the laboratory (for method blanks) and/or field (for equipment and trip blanks).

The following criteria were used in evaluation of the field duplicates: When both results are ≥ five times the reporting limit (RL), relative percent differences (RPDs) must be <30%. When one or both results are < five times the RL, the absolute difference must be < the RL.

The following criteria were used in evaluation of laboratory duplicates: When both results are ≥ five times the RL, RPDs must be <20%.

Lab Report L1842529

Sample identifiers cross-referenced to laboratory identifications are presented below.

Lab ID	Sample ID
L1842529-01	MW-6A
L1842529-02	MW-6B
L1842529-03	MW-120
L1842529-04	MW-121
L1842529-05	MW-122
L1842529-06	MW-81
L1842529-07	MW-80
L1842529-08	MW-79
L1842529-09	MW-2A
L1842529-10	MW-72
L1842529-11	EB-EP-04
L1842529-12	MW-88
L1842529-13	MW-22A
L1842529-14	MW-22B
L1842529-15	MW-10
L1842529-16	MW-123
L1842529-17	MW-4A
L1842529-18	MW-4B
L1842529-19	DUP-EP-02[1]
L1842529-20	MW-25
L1842529-21	MW-1R
L1842529-22	OCD-1R
L1842529-23	OCD-2A
L1842529-24	OCD-3
L1842529-25	OCD-4
L1842529-26	MW-11A
L1842529-27	MW-11B
L1842529-28	OCD-5
L1842529-29	TRIP BLANK-EP-03
L1842529-30	RA-4196R
L1842529-31	MW-27
L1842529-32	MW-89
L1842529-33	MW-26
L1842529-34	KWB-11A
L1842529-35	KWB-11B
L1842529-36	MW-126B
L1842529-37	KWB-1C
L1842529-38	KWB-12B
L1842529-39	KWB-13
L1842529-40	MW-160
L1842529-41	MW-161
L1842529-42	MW-149
L1842529-43	MW-150
L1842529-44	DUP-REST-05[2]
L1842529-45	EB-REST-05

Lab ID	Sample ID
L1842529-46	TRIP BLANK-REST-02
L1842529-47	MW-144
L1842529-48	MW-145
L1842529-49	MW-146
L1842529-50	MW-135
L1842529-51	MW-147
L1842529-52	MW-148
L1842529-53	DUP-REST-04[3]
L1842529-54	EB-REST-04
L1842529-55	MW-101
L1842529-56	MW-105
L1842529-57	RW-2
L1842529-58	MW-61
L1842529-59	TEL-4
L1842529-60	RW-9
L1842529-61	RW-#16B
L1842529-62	MW-56
L1842529-63	MW-49
L1842529-64	DUP-TEL-01[4]
L1842529-65	EB-TEL-01
L1842529-66	TRIP BLANK-REST-04
L1842529-67	TRIP BLANK-TEL-01
L1842529-68	MW-139
L1842529-69	MW-50
L1842529-70	MW-96
L1842529-71	NCL-33
L1842529-72	NCL-44
L1842529-73	NCL-32
L1842529-74	MW-108
L1842529-75	NCL-31
L1842529-76	MW-55
L1842529-77	MW-18
L1842529-78	MW-54A
L1842529-79	MW-54B
L1842529-80	NCL-49
L1842529-81	MW-53R
L1842529-82	DUP-NCL-01[5]
L1842529-83	EB-NCL-01
L1842529-84	TRIP BLANK-NCL-01
L1842529-85	MW-84
L1842529-86	MW-82
L1842529-87	MW-74
L1842529-88	MW-73
L1842529-89	OCD-6
L1842529-90	OCD-7AR
L1842529-91	OCD-7B
L1842529-92	MW-130
L1842529-93	EB-EP-01
L1842529-94	TRIP BLANK-EP-01

Lab ID	Sample ID
L1842529-95	MW-76
L1842529-96	MW-77
L1842529-97	MW-78
L1842529-98	MW-75
L1842529-99	MW-83
L1842529-100	MW-3
L1842529-101	MW-5A
L1842529-102	MW-5B
L1842529-103	MW-5C
L1842529-104	MW-7A
L1842529-105	MW-7B
L1842529-106	OCD-8A
L1842529-107	OCD-8B
L1842529-108	DUP-EP-01[6]
L1842529-109	DUP-EP-03[7]
L1842529-110	EB-EP-03
L1842529-113	KWB-P4
L1842529-114	MW-15
L1842529-115	MW-87
L1842529-116	MW-18A
L1842529-117	MW-18B
L1842529-118	MW-70
L1842529-119	MW-124
L1842529-120	MW-52
L1842529-121	MW-109
L1842529-122	MW-110
L1842529-123	MW-140
L1842529-124	MW-141
L1842529-125	EB-EP-02
L1842529-127	MW-113
L1842529-128	RW-13R
L1842529-129	MW-134
L1842529-130	RA-313
L1842529-131	MW-20
L1842529-132	NP-6
L1842529-133	MW-8
L1842529-134	MW-21
L1842529-135	MW-151
L1842529-136	MW-152
L1842529-137	MW-153
L1842529-138	MW-154
L1842529-139	MW-155
L1842529-140	MW-156
L1842529-141	MW-115
L1842529-142	MW-114
L1842529-143	MW-125
L1842529-144	DUP-REST-01[8]
L1842529-145	EB-REST-01
L1842529-146	DUP-REST-03[9]

Lab ID	Sample ID
L1842529-147	EB-REST-03
L1842529-148	TRIP BLANK-REST-01
L1842529-149	TRIP BLANK-TMD-01
L1842529-151	MW-117
L1842529-152	MW-118
L1842529-153	MW-119
L1842529-154	NP-5
L1842529-155	MW-136
L1842529-156	MW-162
L1842529-157	MW-142
L1842529-158	MW-143
L1842529-159	MW-163
L1842529-160	KWB-3AR
L1842529-161	RA-1227
L1842529-162	MW-103
L1842529-163	MW-104
L1842529-164	MW-64
L1842529-165	MW-102
L1842529-166	MW-116
L1842529-167	MW-46R
L1842529-168	UG-3R
L1842529-169	UG-4
L1842529-170	UG-1
L1842529-171	UG-2
L1842529-172	DUP-REST-02[10]
L1842529-173	EB-REST-02
L1842529-174	TRIP BLANK-REST-03
L1842529-175	MW-98
L1842529-176	MW-106
L1842529-177	MW-45
L1842529-178	MW-157
L1842529-179	MW-158
L1842529-180	MW-159
L1842529-181	MW-90
L1842529-182	TRIP BLANK-EP-02

[1]Field duplicate of MW-22A
[2]Field duplicate of KWB-12B
[3]Field duplicate of MW-146
[4]Field duplicate of TEL-4
[5]Field duplicate of NCL-49
[6]Field duplicate of MW-7A
[7]Field duplicate of MW-3
[8]Field duplicate of MW-113
[9]Field duplicate of MW-134
[10]Field duplicate of MW-102

Data Review Checklist	Yes	No	Not applicable
Did all samples meet the laboratory's standard conditions of sample acceptability upon receipt?		X	
All samples within holding times?		X	
Any detection in method blanks?	X		
Any detection in equipment blanks?	X		

Data Review Checklist	Yes	No	Not applicable
Any detection in trip blanks?		X	
Any laboratory control sample (LCS) LCS or LCS duplicates (LCSD) percent recoveries (%R) out of laboratory defined limits?	X		
Any LCS/LCSD RPD above laboratory defined limits?	X		
Any matrix spike (MS) or MS duplicate (MSD) %R outside of laboratory defined limits?	X		
Any MS/MSD RPD above laboratory defined limits?	X		
Any surrogate %R outside of laboratory defined limits?	X		
Any laboratory duplicate RPD above laboratory defined limits?	X		
Any field duplicate data additionally flagged as estimated?	X		
Any analyte analyzed by a nonequivalent method than planned?		X	

Other

The laboratory indicated on the COC that sample TRIP BLANK-EP-02 should have been logged in as laboratory identification (ID) L1842529-111; however, the laboratory ID for this sample was reported as L1842529-182. No data for a sample identified as L1842529-111 was reported. The laboratory was not contacted about this issue.

RLs for dissolved solids in all samples except 10 of the 11 equipment blanks (EB-EP-01, EB-EP-02, EB-EP-03, EB-EP-04, EB-NCL-01, EB-REST-01, EB-REST-02, EB-REST-04, EB-REST-05, and EB-TEL-01) were two to 40 times higher than the associated method blank but the laboratory did not include a sample narrative explaining the elevated RLs. The samples were likely prepared at a reduced volume due to the elevated concentrations of dissolved solids. There is no impact on data usability since dissolved solids results were detected above the RLs in the affected field samples. the nondetect RL for dissolved solids in one of the equipment blanks, EB-REST-03, was elevated accordingly.

The laboratory noted that the sulfate analysis of sample MW-101, the chloride and sulfate analyses of sample MW-96, and the nitrate, nitrite, chloride, fluoride, and sulfate analyses of all remaining groundwater samples in this data set (where reported) except MW-105, MW-109, MW-115, and RW-13R were diluted due to matrix. There is no impact on data usability for these analytes since these analytes were detected above the method detection limits (MDLs) and/or RL in these samples with the exception of fluoride, nitrate, and/or nitrate in several samples listed above. The nondetect RLs for fluoride, nitrate, and/or nitrite in several of these samples were elevated accordingly.

The laboratory noted that the 6020B total metals analyses of samples DUP-EP-02, MW-1R, MW-2A, MW-4A, MW-10, MW-11A, MW-11B, MW-22A, MW-22B, MW-25, MW-72, MW-75, MW-82, MW-88, MW-120, MW-122, MW-123, OCD-1R, OCD-2A, OCD-4, and OCD-5 were diluted due to matrix. Therefore, the nondetect RLs for select 6020B total metals in these samples were elevated accordingly.

The laboratory noted that the TPH (GC/FID) low fraction analyses of samples MW-73 RW-2 were diluted 10-fold and 5-fold, respectively, and the VOC analysis of sample MW-84 was diluted 10-fold due to sample foaming. There is no impact on data usability for sample RW-2 since

TPH (GC/FID) low fraction was detected above the MDL in this sample. Therefore, the nondetect RLs for TPH (GC/FID) low fraction in sample MW-73 and volatile organic compounds (VOCs) in sample MW-84 were elevated accordingly.

The laboratory noted that 1,4-dioxane analysis of sample RW-13R was diluted 20-fold due to matrix. Therefore, the nondetect RL for 1,4-dioxane in this sample was elevated accordingly.

Several other samples were analyzed at dilutions for sulfate, chloride, one or more of the target total 6020B metals, one or more of the target VOCs, TPH (GC/FID) high fraction, and/or TPH (GC/FID) low fraction but the laboratory did not include a sample narrative explaining the dilutions. The samples were likely diluted either due to matrix interference and/or the presence of target and/or non-target analytes which would have exceeded the calibration range if undiluted. There is no impact on data usability for most of these analytes since these analytes were detected above the MDLs and/or RLs in the diluted samples with the following exceptions. The nondetect RLs for total chromium and total lead in samples MW-84 and OCD-8A, total chromium, total lead, and total selenium in samples MW-18A, MW-124, and OCD-8B, total lead in samples DUP-EP-01 and MW-7A, TBA in samples MW-157 and MW-159, and several VOCs in samples DUP-REST-02, MW-49, MW-55, MW-61, MW-64, MW-96, MW-98, MW-101, MW-102, MW-103, MW-105, MW-106, MW-109, MW-113, MW-152, MW-153, MW-160, RW-2, RW-9, and RW-13R were elevated accordingly.

The laboratory flagged the results for total calcium, total manganese, and total sodium in sample MW-6A with an "O1" qualifier indicating that either a serial dilution (SD) or post-digestion spike (PDS) result was outside of the acceptance criteria. The laboratory was contacted during this review and specified that the PDS performed on this sample was outside of the acceptance criteria (75-125%R) for total calcium (32.4%R), total manganese (55.5%R), and total sodium (265%R). However, the concentrations of these metals in the unspiked sample were >4x the spike concentrations; therefore, the PDS %Rs for total calcium, total manganese, and total sodium were not applicable and did not impact any samples collected during the April 2025 sampling event.

Standard Conditions

The laboratory noted that the TPH (GC/FID) low fraction analysis of sample MW-73 was performed using a vial with headspace. Therefore, the nondetect result for TPH (GC/FID) low fraction in sample MW-73 may be biased low.

The laboratory noted that the VOC analyses of samples DUP-REST-01, DUP-REST-02, MW-64, MW-147, KWB-13, and RW-#16B were performed using a container with a pH outside of the method requirement (≤2). This pH issue shortens the holding time to seven days, and these samples were analyzed for VOCs after seven days but ≤14 days of collection. Therefore, the positive and nondetect results for VOCs in the listed samples may be biased low.

Holding Times

Samples collected on April 2, 2025, DUP-EP-01, DUP-EP-03, DUP-REST-01, DUP-REST-02, DUP-REST-03, EB-EP-01, EB-EP-02, EB-EP-03, EB-REST-01, EB-REST-02, EB-REST-03, KWB-3AR, MW-3, MW-5A, MW-5B, MW-5C, MW-7A, MW-7B, MW-8, MW-15, MW-18A, MW-18B, MW-20, MW-21, MW-45, MW-46R, MW-52, MW-64, MW-70, MW-73,

MW-74, MW-75, MW-76, MW-77, MW-78, MW-82, MW-83, MW-84, MW-87, MW-90, MW-98, MW-102, MW-103, MW-104, MW-106, MW-109, MW-110, MW-113, MW-114, MW-115, MW-116, MW-117, MW-118, MW-119, MW-124, MW-125, MW-130, MW-134, MW-136, MW-140, MW-141, MW-142, MW-143, MW-162, MW-163, NP-5, OCD-6, OCD-7AR, OCD-7B, OCD-8A, OCD-8B, RA-1227, RA-313, RW-13R, UG-1, UG-2, UG-3R, and UG-4, were analyzed for nitrate and nitrite after the 48-hour holding time but less than 96 hours after collection. Therefore, potential low bias exists for the positive and nondetect results for nitrate and nitrite in these samples.

Laboratory Method Blanks

The following analytes were detected in the method blanks: total sodium, total lead, TPH (GC/FID) low fraction, n-butylbenzene, naphthalene (VOC), benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, and dibenz(a,h)anthracene. The analytes listed below were detected in the corresponding samples at concentrations within five times the method blank concentration for inorganic analytes and within 10 times the method blank concentration for organic analytes. Therefore, these samples may include measurement contributions from the laboratory.

- Total sodium: EB-NCL-01, MW-54B
- Total lead: MW-77, MW-83, MW-130
- TPH (GC/FID) low fraction: EB-EP-04, KWB-11B, KWB-12B, MW-4A, MW-4B, MW-72, MW-88, MW-123, MW-161, OCD-1R
- Naphthalene (VOC): MW-109, MW-113, RW-13R

Equipment Blanks

The following table summarizes the analytes were detected in the equipment blank samples and the associated samples based on the location at the site. The analytes listed in the table below were detected in the corresponding samples at concentrations within five times the maximum equipment blank concentration, where applicable, for inorganic analytes and within 10 times the maximum equipment blank concentration for organic analytes. Therefore, the analytes for the impacted samples listed in the table below may include measurement contributions from the field.

Blank ID(s)	Analyte	Impacted Sample Results*
EB-EP-01, EB-EP-04	Fluoride	MW-10, MW-2A, MW-4A, MW-4B, MW-5A, MW-5C, MW-6A, MW-6B, MW-70, MW-7B, MW-18B, MW-22A, MW-22B, MW-74 MW-75, MW-76, MW-77, MW-78, MW-82, MW-80, MW-83, MW-88, MW-120, MW-122, MW-123, OCD-1R, OCD-2A, OCD-3, OCD-5, OCD-7AR, OCD-7B, DUP-EP-02
EB-EP-03	Total selenium	MW-5A, MW-5B, MW-7A, MW-70, MW-73, MW-75, MW-82, MW-84, OCD-3, OCD-4, OCD-6, OCD-8A, DUP-EP-01
EB-EP-03	TPH (GC/FID) high fraction	DUP-EP-01, MW-1R, MW-4B, MW-5C, MW-6B, MW-7A, MW-7B, MW-15, MW-18A, MW-18B, MW-70, MW-72, MW-79, MW-76, MW-80, MW-83, MW-87, MW-88, MW-121, MW-122, MW-124, OCD-1R, OCD-2A, OCD-3, OCD-6, OCD-7B, OCD-8B

Blank ID(s)	Analyte	Impacted Sample Results*
EB-EP-01, EB-EP-03, EB-EP-04	Total sodium	None
EB-EP-04	Sulfate	
EB-EP-02, EB-EP-04**	TPH (GC/FID) low fraction	DUP-EP-01, DUP-EP-03, MW-3, MW-4A***, MW-4B***, MW-5C, MW-6A, MW-6B, MW-7A, MW-15, MW-72***, MW-77, MW-78, MW-82, MW-88***, OCD-1R***, OCD-6, OCD-7B, OCD-8A
Associated samples (EP Area of the site from this report): DUP-EP-01, DUP-EP-02, DUP-EP-03, MW-1R, MW-2A, MW-3, MW-4A, MW-4B, MW-5A, MW-5B, MW-5C, MW-6A, MW-6B, MW-7A, MW-7B, MW-10, MW-11A, MW-11B, MW-15, MW-18A, MW-18B, MW-22A, MW-22B, MW-70, MW-72, MW-73, MW-74, MW-75, MW-76, MW-77, MW-78, MW-79, MW-80, MW-81, MW-82, MW-83, MW-84, MW-87, MW-88, MW-120, MW-121, MW-122, MW-123, MW-124, OCD-1R, OCD-2A, OCD-3, OCD-4, OCD-5, OCD-6, OCD-7AR, OCD-7B, OCD-8A, OCD-8B		
EB-TEL-01	Total calcium	None
	Fluoride	TEL-4
Associated samples (TEL Area of the site from this report): DUP-TEL-01, MW-49, TEL-4		
EB-NCL-01	Total barium	DUP-NCL-01, MW-18, MW-53R, MW-54A, MW-54B, MW-55, MW-56, NCL-44, NCL-49
	Total calcium	None
	Total sodium**	
	Chloroform	
	Methylene chloride	
	Total iron	MW-18, MW-54A, MW-55, MW-108
	Dissolved iron (based on total result)	MW-55
	Total lead	MW-18, MW-55, MW-56
	Total manganese	NCL-49
Associated samples (NCL Area of the site from this report): DUP-NCL-01, MW-18, MW-45, MW-53R, MW-54A, MW-54B, MW-55, MW-56, MW-108, NCL-31, NCL-32, NCL-33, NCL-44, NCL-49		
EB-REST-01, EB-REST-03	Total barium	DUP-REST-03, DUP-REST-04, DUP-REST-05, KWB-11A, KWB-11B, KWB-12B, KWB-13, KWB-1C, KWB-3AR, MW-8, MW-20, MW-21, MW-25, MW-26, MW-27, MW-46R, MW-50, MW-52, MW-61, MW-89, MW-90, MW-98, MW-101, MW-104, MW-105, MW-106, MW-110, MW-113, MW-114, MW-115, MW-116, MW-117, MW-118, MW-119, MW-125, MW-126B, MW-130, MW-134, MW-135, MW-136, MW-139, MW-140, MW-141, MW-142, MW-143, MW-144, MW-145, MW-146, MW-149, MW-150, NP-5, RW-2, RW-9, RW-#16B, UG-1, UG-2, UG-3R, UG-4
EB-REST-03	Total boron	MW-114, KWB-11B, UG-3R
	Dissolved boron (based on total result)	MW-114
EB-REST-03	Total potassium	MW-20, MW-46R, MW-52, MW-64, MW-98, MW-103, MW-109, MW-110, MW-113, MW-115, MW-139, MW-149, NP-5
	Chloride	MW-98, MW-114
EB-REST-03, EB-REST-05	Total calcium	None

Blank ID(s)	Analyte	Impacted Sample Results*
EB-REST-04, EB-REST-05	Dissolved solids	MW-64
EB-REST-01	Total iron	DUP-REST-02, DUP-REST-03, DUP-REST-04, KWB-11B, MW-8, MW-21, MW-46R, MW-64, MW-89, MW-101, MW-102, MW-103, MW-105, MW-109, MW-110, MW-113, MW-115, MW-117, MW-118, MW-119, MW-126B, MW-130, MW-134, MW-135, MW-136, MW-139, MW-141, MW-142, MW-145, MW-149, MW-150, NP-5, RW-2, RW-9, UG-1, UG-2, UG-3R, UG-4
	Dissolved iron (based on total result)	MW-116, MW-125, MW-142
EB-REST-01, EB-REST-03, EB-REST-04	Total manganese	DUP-REST-04, DUP-REST-05, KWB-12B, MW-96, MW-103, MW-117, MW-118, MW-146, UG-1, UG-2, UG-3R
	Dissolved manganese (based on total result)	MW-117, MW-118, MW-119
EB-REST-01, EB-REST-02, EB-REST-03, EB-REST-04, EB-REST-05	Total sodium	None
EB-REST-05	TPH (GC/FID) high fraction	DUP-REST-01, DUP-REST-02, DUP-REST-03, DUP-REST-04, KWB-11A, KWB-11B, KWB-12B, KWB-1C, KWB-P4, MW-21, MW-25, MW-26, MW-27, MW-50, MW-52, MW-61, MW-64, MW-89, MW-90, MW-96, MW-98, MW-101, MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, MW-110, MW-113, MW-115, MW-116, MW-117, MW-119, MW-125, MW-126B, MW-130, MW-136, MW-139, MW-145, MW-150, MW-151, MW-152, MW-154, MW-155, MW-156, MW-157, MW-158, MW-159, MW-160, MW-161, NP-5, RW-2, RW-9, RW-13R, RW-#16B, UG-1
Associated samples (the remaining Areas of the site from this report. i.e., REST and TMD): **TMD**: MW-8, MW-20, MW-21, MW-25, MW-26, MW-27, MW-46R, MW-89, MW-152, MW-153, MW-154, MW-155, MW-156, NP-6 **REST**: DUP-REST-01, DUP-REST-02, DUP-REST-03, DUP-REST-04, DUP-REST-05, KWB-11A, KWB-11B, KWB-12B, KWB-13, KWB-1C, KWB-3AR, KWB-P4, MW-50, MW-52, MW-61, MW-64, MW-90, MW-96, MW-98, MW-101, MW-102, MW-103, MW-104, MW-105, MW-106, MW-109, MW-110, MW-113, MW-114, MW-115, MW-116, MW-117, MW-118, MW-119, MW-125, MW-126B, MW-130, MW-134, MW-135, MW-136, MW-139, MW-140, MW-141, MW-142, MW-143, MW-144, MW-145, MW-146, MW-147, MW-148, MW-149, MW-150, MW-151, MW-157, MW-158, MW-159, MW-160, MW-161, MW-162, MW-163, NP-5 RA-1227, RA-313, RA-4196R, RW-2, RW-9, RW-13R, RW-#16B, UG-1, UG-2, UG-3R, UG-4		

*Impacted sample results are those that were detected at concentrations within five times the maximum associated equipment blank concentration for inorganic analytes and within 10 times the maximum associated equipment blank concentration for organic analytes.

**Note that these asterisked results in the equipment blank samples noted in the table above were less than five times the concentration detected in the associated method blank for inorganic analytes and less than 10 times the concentration detected in the associated method blank for organic analytes; therefore, the results for the asterisked results in the equipment blank samples

noted in the table above were probably the result of laboratory method blank contamination and did not affect any associated field samples.

***Note that these asterisked results in the samples noted in the table above were also less than 10 times the concentration detected in the associated method blank.

LCS/LCSD

The LCS/LCSD RPD for TPH (GC/FID) low fraction (25.9%) was above the laboratory-defined limit (20%) in QC batch WG2484821. Therefore, the positive results for TPH (GC/FID) low fraction in the samples from this QC batch, KWB-12B, MW-105, MW-160, MW-161, may be potentially uncertain. There is no impact on data usability for the nondetect results for TPH (GC/FID) low fraction in the remaining samples from this batch, DUP-REST-04, DUP-REST-05, EB-REST-04, EB-REST-05, MW-135, MW-145, MW-146, MW-147, and MW-148.

The LCS %Rs for acetone (209%) and 4-methyl-2-pentanone (144%) were outside of the laboratory-defined limits (19-160% and 68-142%, respectively) in QC batch WG2484715. Since acetone and 4-methyl-2-pentanone were not detected in the samples from this QC batch, EB-EP-02, MW-15, MW-18A, MW-18B, MW-52, MW-70, MW-87, MW-88, MW-110, and MW-124, there is no impact on data usability.

The LCS/LCSD RPD for bromomethane (34.6%) was outside of the laboratory-defined limit (25%) in QC batch WG2485473. Since bromomethane was not detected in the samples from this QC batch, DUP-EP-02, MW-1R, MW-4A, MW-4B, MW-10, MW-22B, MW-25, MW-123, and OCD-1R, there is no impact on data usability.

The LCSD %Rs for cis-1,3-dichloropropene (76.2%), 2-hexanone (61.2%), and 1,2,4-trimethylbenzene (75%) were below the laboratory-defined limits (80-123%, 67-149%, and 76-121%, respectively) in QC batch WG2486753. Further, the LCS/LCSD RPDs for acetone (66.7%), 2-butanone (37.6%), and 2-hexanone (35.0%) were outside of the laboratory-defined limits (27%, 20%, and 20%, respectively) in the same QC batch. Therefore, the positive and nondetect results for cis-1,3-dichloropropene, 2-hexanone, and 1,2,4-trimethylbenzene in the samples from this QC batch, DUP-REST-04, DUP-REST-05, EB-REST-05, KWB-12B, KWB-13, MW-105, MW-135, MW-145, MW-146, MW-147, MW-148, MW-149, MW-150, MW-161, MW-61, and TRIP BLANK-REST-02, are potentially biased low. Since acetone and 2-butanone were not detected in the samples from this QC batch, there is no impact on data usability for acetone and 2-butanone.

The LCS/LCSD RPDs for acetone (47.9%), bromomethane (32.8%), and 2-butanone (28.7%) were outside of the laboratory-defined limits (27%, 25%, and 20%, respectively) in QC batch WG2486758. Since acetone, bromomethane, and 2-butanone were not detected in the samples from this QC batch, DUP-TEL-01, EB-TEL-01, MW-18, MW-49, MW-50, MW-54A, MW-55, MW-56, MW-96, MW-108, MW-139, NCL-31, NCL-32, NCL-33, NCL-44, RW-#16B, RW-9, TEL-4, TRIP BLANK-REST-04, and TRIP BLANK-TEL-01, there is no impact on data usability.

The LCS/LCSD %Rs for cis-1,3-dichloropropene (78.2/74.4%) and the LCS %R for trans-1,3-dichloropropene (77.4%) were below the laboratory-defined limits (80-123% and 78-124%, respectively) in QC batch WG2486936. Therefore, the nondetect results for cis-1,3-

dichloropropene and trans-1,3-dichloropropene in the samples from this QC batch, EB-REST-01, EB-REST-03, MW-8, MW-20, MW-21, RA-313, TRIP BLANK-REST-01, and TRIP BLANK-TMD-01, are potentially biased low.

The LCS %R for vinyl chloride (139%) was above the laboratory-defined limits (67-131%) in QC batch WG2487160. Since vinyl chloride was not detected in the samples from this QC batch, DUP-NCL-01, EB-NCL-01, MW-53R, MW-54B, NCL-49, and TRIP BLANK-NCL-01, there is no impact on data usability.

The LCS/LCSD %Rs for chloroethane (156%/151%) and vinyl chloride (139%/137%) were above the laboratory-defined limits (47-150% and 67-131%, respectively) in QC batch WG2487237. Since chloroethane and vinyl chloride were not detected in the sample from this QC batch, MW-89, there is no impact on data usability.

The LCS/LCSD %Rs for naphthalene (VOC) (49.4%/52.8%) were below the laboratory-defined limits (54-135%) in QC batches WG2487614 and WG2487707. Therefore, the nondetect results for naphthalene (VOC) in the samples from these two QC batches, EB-REST-04, KWB-3AR, MW-46R, MW-64, MW-101, MW-103, MW-104, MW-102, MW-116, MW-160, RW-2, RA-1227, UG-3R, UG-4, UG-1, UG-2, and DUP-REST-02, are potentially biased low.

The LCS/LCSD %Rs for chloroethane (159%/159%) and vinyl chloride (135%/146%) were above the laboratory-defined limits (47-150% and 67-131%, respectively) in QC batch WG2487710. Further, the LCS/LCSD RPD for TBA (40.7%) was outside of the laboratory-defined limit (30%) in the same QC batch; the following samples are associated with this QC batch: EB-EP-01, EB-REST-02, MW-45, MW-73, MW-74, MW-76, MW-82, MW-84, MW-98, MW-130, OCD-6, OCD-7AR, OCD-7B, TRIP BLANK-EP-01, and TRIP BLANK-REST-03. The positive results for TBA in samples from this QC batch, MW-73, MW-74, MW-76, OCD-7AR, and OCD-7B, are potentially uncertain. Since chloroethane, vinyl chloride, and TBA were not detected in the remaining samples from this QC batch, there is no impact on data usability for the remaining results.

The LCS %Rs for bromomethane (206%) and naphthalene (VOC) (148%) were above the laboratory-defined limits (10-160% and 54-135%, respectively) in QC batch WG2487743. Since bromomethane and naphthalene (VOC) were either reported from a different QC batch or were not detected in the samples from this QC batch, DUP-REST-01, DUP-REST-03, MW-114, MW-115, MW-117, MW-118, MW-119, MW-125, MW-136, MW-155, MW-156, and NP-5, there is no impact on data usability.

The LCSD %R for 1,1-dichloroethene (125%) and the LCS/LCSD %Rs for trans-1,2-dichloroethene (123%/124%) were above the laboratory-defined limits (71-124% and 73-120%, respectively) in QC batch WG2488739. Since 1,1-dichloroethene and trans-1,2-dichloroethene were not detected in the samples from this QC batch, MW-90, MW-157, MW-158, and MW-159, there is no impact on data usability.

The LCS %R for cis-1,3-dichloropropene (78.6%) was below the laboratory-defined limits (80-123%) in QC batch WG2489014. Further, the LCS/LCSD RPD for acetone (38.4%) was outside of the laboratory-defined limit (27%) in the same QC batch. Since cis-1,3-dichloropropene

and acetone were not detected in the sample from this QC batch, TRIP BLANK-EP-02, there is no impact on data usability.

The LCS/LCSD RPDs for the following compounds were outside of the laboratory-defined limits in QC batch WG2483637, associated with samples MW-61 and RW-2: benzo(a)anthracene (24.6%; limit 20%), benzo(b)fluoranthene (22.5%; limit 20%), benzo(g,h,i)perylene (21.1%; limit 20%), benzo(a)pyrene (21.1%; limit 20%), chrysene (22.8%; limit 20%), dibenz(a,h)anthracene (21.2%; limit 20%), indeno(1,2,3-cd)pyrene (22.1%; limit 20%), bis(2-ethylhexyl)phthalate (25.2%; limit 20%), di-n-octyl phthalate (23.6%; limit 20%), 3-nitroaniline (22.5%; limit 21%), 4-chloroaniline (39.5%; limit 25%), and 4-nitroaniline (21.4%; limit 21%). The positive result for bis(2-ethylhexyl)phthalate in sample RW-2 from this QC batch is potentially uncertain. Since the remaining listed compounds were not detected in samples MW-61 and RW-2, there is no impact on data usability for the remaining results.

The LCS/LCSD %Rs for 1,4-dioxane (20.6%/21.0%) were below the laboratory-defined limits (73-146%) in QC batch WG2488697. Therefore, the nondetect result for 1,4-dioxane in the sample from this QC batch, RW-13R, is potentially biased low.

MS/MSDs

MS and/or MS/MSD analyses were performed on the following samples:

- EB-EP-01, EB-EP-02, EB-EP-03, EB-EP-04, EB-NCL-01, EB-REST-01, EB-REST-02, EB-REST-04, EB-REST-05, EB-TEL-01, MW-6A, MW-98, MW-109, MW-136: Chloride, fluoride, sulfate, nitrite, nitrate
- MW-144: Dissolved boron
- MW-18, MW-18A: Total boron
- MW-56: Select dissolved 6020 metals
- EB-EP-01, EB-EP-04, KWB-1C, MW-6A, MW-53R, MW-55, MW-87, NP-5, RA-313: Total 6020 metals

The %Rs of chloride and sulfate in the MSs performed on samples MW-6A, MW-109, and MW-136 were outside of the laboratory-defined recovery limits (80-120%). However, the concentrations of chloride and sulfate in the unspiked samples were greater than four times the spiked concentrations; thus, the %Rs of chloride and sulfate were not used to evaluate potential matrix effects.

The %R of sulfate in the MS performed on sample MW-98 was outside of the laboratory-defined recovery limits (80-120%). However, the concentration of sulfate in the unspiked sample was greater than four times the spiked concentration; thus, the %R of sulfate was not used to evaluate potential matrix effects.

The RPDs of chloride (16.9%), fluoride (15.2%), nitrate (17.3%), and nitrite (16.0%) in the MS/MSD performed on sample EB-EP-04 were outside of the laboratory-defined limits (15%); therefore, the positive result for fluoride in the parent sample, EB-EP-04, may be potentially uncertain. There is no impact on data usability for the nondetect results for chloride, nitrate, and nitrite.

The %Rs of nitrate in the MSs performed on samples MW-136 (79.9%) and MW-98 (79.2%) were below the laboratory-defined recovery limits (80-120%); therefore, the positive and nondetect results for nitrate in all groundwater samples from this lab report except samples MW-6A and MW-109 may be potentially biased low.

The %R of fluoride in the MS performed on sample MW-98 (45.1%) was below the laboratory-defined recovery limits (80-120%); therefore, the positive and nondetect results for fluoride in all groundwater samples from this lab report except samples MW-6A, MW-109, and MW-136 may be potentially biased low.

The %Rs of total calcium, total manganese, and total sodium in the MS and/or MSD performed on sample MW-6A were outside of the laboratory-defined recovery limits (75-125%). However, the concentrations of total calcium, total manganese, and total sodium in the unspiked sample were greater than four times the spiked concentrations; thus, the %Rs of these metals were not used to evaluate potential matrix effects.

The RPD of total sodium (36.4%) in the MS/MSD performed on sample EB-EP-04 was outside of the laboratory-defined limit (20%); therefore, the positive result for total sodium in the parent sample, EB-EP-04, may be potentially uncertain.

The %Rs of total calcium and total sodium in the MS and/or MSD performed on samples KWB-1C, MW-53R, MW-55, MW-87, NP-5, and RA-313 were outside of the laboratory-defined recovery limits (75-125%). However, the concentrations of total calcium and total sodium in the unspiked samples were greater than four times the spiked concentrations; thus, the %Rs of these metals were not used to evaluate potential matrix effects.

The %Rs of total barium (0%/0%) and total iron (42.9%/43.6%) in the MS/MSD performed on sample NP-5 were outside of the laboratory-defined recovery limits (75-125%); therefore, the positive results for total barium and the positive and nondetect results for total iron in all groundwater samples from this lab report except samples KWB-1C, MW-6A, MW-53R, MW-55, MW-87, and RA-313 may be biased low.

Surrogate Recoveries

The surrogate (1,2-dichloroethane-d4) recovered below the laboratory control limits (70.0-130%) in the VOC analysis of sample EB-EP-04 (68.6%). Therefore, the nondetect VOC results in sample EB-EP-04 may be biased low.

The surrogate (4-bromofluorobenzene) recovered above the laboratory control limits (77-126%) in the VOC analysis of sample MW-74 (133%). The laboratory noted that the surrogate failure was due to matrix interference. Therefore, the positive VOC results in sample MW-74 may be biased high.

Two surrogates, o-terphenyl in the TPH (GC/FID) high fraction analysis and nitrobenzene-d5 in the 1,4-dioxane analysis, had 0% recovery in sample RW-13R. The laboratory noted that the 1,4-dioxane surrogate issue was due to matrix interference. There was no impact on the data usability due to this issue since the sample was diluted 200-fold for TPH (GC/FID) high fraction and 20-fold for 1,4-dioxane; therefore, the surrogate recoveries were not applicable.

Laboratory Duplicates

Laboratory duplicate analyses were performed on the following samples:

- EB-NCL-01, EB-REST-01, DUP-REST-05, DUP-TEL-01, MW-1R, MW-3, MW-5B, MW-6A, MW-7B, MW-25, MW-64, MW-77, MW-150, RA-313: Dissolved solids
- EB-EP-01, EB-EP-02, EB-EP-03, EB-EP-04, EB-NCL-01, EB-REST-01, EB-REST-02, EB-REST-04, EB-REST-05, EB-TEL-01, MW-6A, MW-98, MW-109, MW-136: Chloride, fluoride, sulfate, nitrite, nitrate
- MW-54B: Ethylene dibromide

The RPDs in the duplicate analyses performed on samples EB-NCL-01 and EB-REST-01 for dissolved solids, sample EB-EP-04 for sulfate, sample EB-TEL-01 for fluoride, and sample MW-98 for chloride and fluoride exceeded the laboratory-defined control limits (10% for dissolved solids and 15% for chloride, sulfate, and fluoride). However, the results in the parent and/or duplicate samples were less than 5x the RL so the laboratory duplicate RPDs were not applicable. The absolute differences for these results were < the RLs. There is no impact on data usability.

Field Duplicates

Samples MW-7A/DUP-EP-01, MW-22A/DUP-EP-02, MW-3/DUP-EP-03, NCL-49/DUP-NCL-01, TEL-4/DUP-TEL-01, MW-113/DUP-REST-01, MW-102/DUP-REST-02, MW-134/DUP-REST-03, MW-146/DUP-REST-04, and KWB-12B/DUP-REST-05 were submitted as the field duplicate pairs. All criteria were met except as noted below:

- It should be noted that select parent and duplicate samples had varying RLs for various analytes in this report due to different dilutions performed by the laboratory. Both of the field duplicate pair sample RLs were used in evaluation of the field duplicate results.

- The RPDs for benzene (55.7%) and total barium (34.7%) were above the acceptance criteria (30%) in field duplicate pair MW-113/DUP-REST-01. Further, the results for total chromium and total iron were <5x the RL in one or both samples and the absolute differences were greater than the RLs. Therefore, the positive results for benzene, total barium, total chromium, and total iron in samples MW-113 and DUP-REST-01 may be potentially uncertain.

- The results for total barium and TPH (GC/FID) high fraction were <5x the RL in one or both of the samples in field duplicate pair MW-134/DUP-REST-03 and the absolute differences were greater than the RLs. Therefore, the positive results for total barium and TPH (GC/FID) high fraction in samples MW-134 and DUP-REST-03 may be potentially uncertain.

- The result for nitrate was <5x the RL in sample KWB-12B and was nondetect in the duplicate sample, DUP-REST-05, and the absolute difference was greater than the RL.

Therefore, the positive and nondetect results for nitrate in samples KWB-12B and DUP-REST-05 may be potentially uncertain.

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Sample identifiers cross-referenced to laboratory identifications are presented below.

Lab ID	Sample ID
L1905636-01	MW-120
L1905636-02	MW-121
L1905636-03	MW-84
L1905636-04	MW-122
L1905636-05	MW-79
L1905636-06	MW-74
L1905636-07	MW-2A
L1905636-08	OCD-6
L1905636-09	EB-EP-01
L1905636-10	EB-EP-04
L1905636-11	TRIP BLANK-EP-01
L1905636-12	MW-88
L1905636-13	MW-22A
L1905636-14	MW-10
L1905636-15	MW-4A
L1905636-16	MW-5A
L1905636-17	MW-7A
L1905636-18	OCD-8A
L1905636-19	DUP-EP-01[1]
L1905636-20	DUP-EP-02[2]
L1905636-21	EB-EP-03
L1905636-22	TRIP BLANK-EP-02
L1905636-23	OCD-1R
L1905636-24	OCD-2A
L1905636-25	OCD-3
L1905636-26	OCD-4
L1905636-27	MW-11A
L1905636-28	OCD-5
L1905636-29	MW-87
L1905636-30	MW-18A
L1905636-31	MW-70
L1905636-32	TRIP BLANK-EP-03
L1905636-33	KWB-7
L1905636-34	KWB-11A
L1905636-35	KWB-11B
L1905636-36	MW-115
L1905636-37	MW-114
L1905636-38	MW-125
L1905636-39	MW-136
L1905636-40	MW-126B
L1905636-41	MW-160
L1905636-42	MW-161
L1905636-43	MW-162
L1905636-44	MW-142
L1905636-45	MW-143

Lab ID	Sample ID
L1905636-46	MW-163
L1905636-47	MW-104
L1905636-48	MW-64
L1905636-49	MW-102
L1905636-50	MW-116
L1905636-51	MW-46R
L1905636-52	MW-144
L1905636-53	DUP-REST-02[3]
L1905636-54	EB-REST-02
L1905636-55	TRIP BLANK-REST-03
L1905636-56	MW-101
L1905636-57	MW-105
L1905636-58	TEL-4
L1905636-59	MW-56
L1905636-60	MW-49
L1905636-61	MW-106
L1905636-62	MW-45
L1905636-63	MW-157
L1905636-64	MW-158
L1905636-65	MW-159
L1905636-66	DUP-TEL-01[4]
L1905636-67	EB-TEL-01
L1905636-68	TRIP BLANK-REST-04
L1905636-69	TRIP BLANK-TEL-01
L1905636-70	MW-139
L1905636-71	MW-50
L1905636-72	MW-90
L1905636-73	MW-108
L1905636-74	NCL-31
L1905636-75	MW-54A
L1905636-76	NCL-49
L1905636-77	DUP-NCL-01[5]
L1905636-78	EB-NCL-01
L1905636-79	TRIP BLANK-NCL-01

[1]Field duplicate of MW-7A
[2]Field duplicate of MW-22A
[3]Field duplicate of MW-102
[4]Field duplicate of TEL-4
[5]Field duplicate of NCL-49

Data Review Checklist	Yes	No	Not applicable
Did all samples meet the laboratory's standard conditions of sample acceptability upon receipt?		X	
All samples within holding times?		X	
Any detection in method blanks?	X		
Any detection in equipment blanks?	X		
Any detection in trip blanks?		X	
Any LCS/LCSD %R out of laboratory defined limits?	X		
Any LCS/LCSD RPD above laboratory defined limits?		X	

Data Review Checklist	Yes	No	Not applicable
Any MS/MSD %R outside of laboratory defined limits?	X		
Any MS/MSD RPD above laboratory defined limits?	X		
Any surrogate %R outside of laboratory defined limits?	X		
Any laboratory duplicate RPD above laboratory defined limits?	X		
Any field duplicate data additionally flagged as estimated?	X		
Any analyte analyzed by a nonequivalent method than planned?		X	

Other

The laboratory reported two sets of results for TPH (GC/FID) high fraction in samples DUP-EP-01, DUP-EP-02, EB-EP-03, KWB-11A, KWB-11B, KWB-7, MW-4A, MW-7A, MW-10, MW-18A, MW-70, MW-87, MW-115, OCD-1R, OCD-2A, OCD-3, OCD-4, OCD-5, and OCD-8A due to lack of recoveries in the LCS/LCSDs associated with the initial extracted analyses of these samples in QC batch WG2616523 and due to method blank contamination associated with the re-extracted analyses of these samples in QC batch WG2620896. Since there were QC issues with both sets of results, the highest detected result for TPH (GC/FID) high fraction between the two analyses should be used for project objectives, as follows:

- Initial extracted results for TPH (GC/FID) high fraction from QC batch WG2616523 should be used for project objectives: DUP-EP-02, KWB-7, MW-4A, MW-10, MW-18A, MW-70, MW-115, OCD-5, and OCD-8A
- Re-extracted results for TPH (GC/FID) high fraction from QC batch WG2620896 should be used for project objectives: DUP-EP-01, EB-EP-03, KWB-11A, KWB-11B, MW-7A, MW-87, OCD-1R, OCD-2A, OCD-3, and OCD-4

RLs for dissolved solids in all samples except the six equipment blanks (EB-EP-01, EB-EP-03, EB-EP-04, EB-REST-02, EB-TEL-01, and EB-NCL-01) were 1.33 to 40 times higher than the associated method blank but the laboratory did not include a sample narrative explaining the elevated RLs. The samples were likely prepared at a reduced volume due to the elevated concentrations of dissolved solids and/or other matrix interferences. There is no impact on data usability since dissolved solids results were detected above the RLs in the affected samples.

The laboratory noted that the TPH (GC/FID) low fraction analyses of samples DUP-EP-01, DUP-EP-02, and DUP-TEL-01 were diluted 5-fold, 10-fold, and 5-fold, respectively, due to sample foaming. TPH (GC/FID) low fraction was detected in sample DUP-EP-02 and was therefore not adversely impacted by the elevated RL. However, the nondetect RLs for TPH (GC/FID) low fraction in samples DUP-EP-01 and DUP-TEL-01 were elevated accordingly.

The laboratory noted that the nitrate, nitrite, chloride, fluoride, and sulfate analyses of samples DUP-EP-01, DUP-EP-02, DUP-NCL-01, DUP-REST-02, DUP-TEL-01, KWB-7, KWB-11A, KWB-11B, MW-2A, MW-4A, MW-5A, MW-7A, MW-10, MW-11A, MW-18A, MW-22A, MW-45, MW-46R, MW-49, MW-50, MW-54A, MW-56, MW-64, MW-74, MW-79, MW-84, MW-90, MW-101, MW-102, MW-104, MW-105, MW-106, MW-108, MW-114, MW-115, MW-116, MW-120, MW-121, MW-122, MW-125, MW-126B, MW-136, MW-139, MW-142, MW-143, MW-144, MW-162, MW-163, NCL-31, NCL-49, OCD-1R, OCD-5, OCD-6, OCD-8A, and TEL-4, and the TPH (GC/FID) high fraction analysis of sample MW-74 were diluted due to matrix.

There is no impact on data usability for these analytes since these analytes were detected above the MDLs and/or RL in these samples with the exception of nitrate and/or nitrate in several samples listed above. The nondetect RLs for fluoride in samples MW-104, MW-106, MW-139, NCL-49, DUP-NCL-01, and TEL-4 and nitrate and/or nitrite in several of these samples were elevated accordingly.

The laboratory noted that the result for benzene in sample MW-157 was due to carryover from sample MW-106. Therefore, potential high bias exists for the positive result for benzene in sample MW-157.

Several other samples were analyzed at dilutions for one or more of the target total 6020 metals, one or more of the target VOCs, TPH (GC/FID) high fraction, and/or TPH (GC/FID) low fraction but the laboratory did not include a sample narrative explaining the dilutions. The samples were likely diluted either due to matrix interference and/or the presence of target and/or non-target analytes which would have exceeded the calibration range if undiluted. There is no impact on data usability for most of these analytes since these analytes were detected above the MDLs and/or RLs in the diluted samples with the following exceptions. The nondetect RLs for select total 6020 metals in samples DUP-EP-01, DUP-EP-02, MW-4A, MW-5A, MW-7A, MW-10, MW-18A, MW-22A, MW-87, MW-88, OCD-1R, OCD-5, and OCD-8A, and several VOCs in samples DUP-REST-02, MW-49, and MW-64 were elevated accordingly.

Standard Conditions

The laboratory noted that the TPH (GC/FID) high fraction analyses of samples MW-18A (re-extract), MW-84, MW-120, OCD-8A (re-extract), and DUP-EP-02 (re-extract) were performed using a container with a pH outside of the method requirement (≤2). This pH issue shortens the extraction holding time to seven days and these samples was extracted and/or re-extracted for TPH (GC/FID) high fraction after seven days of collection. However, the re-extracted analyses of samples MW-18A, OCD-8A, and DUP-EP-02 were not used for project objectives due to method blank contamination so there is no impact on data usability due to the holding time exceedance for these three samples. The positive results for TPH (GC/FID) high fraction in samples MW-84 and MW-120 may be biased low.

Laboratory Method Blanks

TPH (GC/FID) high fraction was detected in one of the method blanks. TPH (GC/FID) high fraction was detected in the corresponding samples listed below at concentrations within 10 times the method blank concentration for organic analytes. Therefore, these samples may include measurement contributions from the laboratory.

- Re-extracted results from QC batch WG2620896*: DUP-EP-01, EB-EP-03, KWB-11A, KWB-11B, MW-7A, MW-87, OCD-1R, OCD-2A, OCD-3, OCD-4

*Results for TPH (GC/FID) high fraction in the remaining samples from this QC batch were not used for project objectives and are therefore not listed.

Equipment Blanks

The following table summarizes the analytes were detected in the equipment blank samples and the associated samples based on the location at the site. The analytes listed in the table below were detected in the corresponding samples at concentrations within five times the maximum equipment blank concentration for inorganic analytes and within 10 times the maximum equipment blank concentration for organic analytes, where applicable. Therefore, the analytes for the impacted samples listed in the table below may include measurement contributions from the field.

Blank ID(s)	Analyte	Impacted Sample Results*
EB-EP-03, EB-EP-04	Total barium	DUP-EP-01, DUP-EP-02, MW-4A, MW-5A, MW-7A, MW-10, MW-18A, MW-22A, MW-87, MW-88, OCD-1R, OCD-5, OCD-8A
EB-EP-01, EB-EP-03, EB-EP-04	Total calcium	None
	Total sodium	
EB-EP-03	Dissolved solids	
EB-EP-01, EB-EP-03**	TPH (GC/FID) high fraction	MW-2A, MW-18A (initial extract), MW-70 (initial extract), MW-79, MW-87 (re-extract)***, MW-88, MW-122, OCD-1R (re-extract)***, OCD-2A (re-extract)***, OCD-3 (re-extract)***, OCD-4 (re-extract)***, OCD-5 (initial extract), OCD-6
Associated samples (EP Area of the site from this report): DUP-EP-01, DUP-EP-02, MW-10, MW-11A, MW-120, MW-121, MW-122, MW-18A, MW-22A, MW-2A, MW-4A, MW-5A, MW-7A, MW-70, MW-74, MW-79, MW-84, MW-87, MW-88, OCD-1R, OCD-2A, OCD-3, OCD-4, OCD-5, OCD-6, OCD-8A		
EB-TEL-01	Total barium	DUP-TEL-01, TEL-4
	Total lead	MW-49, DUP-TEL-01, TEL-4
	TPH (GC/FID) high fraction	None
	Total calcium	
	Total manganese	
	Total sodium	
Associated samples (TEL Area of the site from this report): DUP-TEL-01, MW-49, TEL-4		
EB-NCL-01	Total barium	None
	Total calcium	
	Total sodium	
Associated samples (NCL Area of the site from this report): DUP-NCL-01, MW-108, MW-45, MW-54A, MW-56, NCL-31, NCL-49		
EB-REST-02	Total calcium	None
	Total manganese	KWB-11B
Associated samples (the remaining Areas of the site from this report. i.e., REST and TMD): **TMD:** MW-46R **REST:** DUP-REST-02, KWB-11A, KWB-11B, KWB-7, MW-50, MW-64, MW-90, MW-101, MW-102, MW-104, MW-105, MW-106, MW-114, MW-115, MW-116, MW-125, MW-126B, MW-136, MW-139, MW-142, MW-143, MW-144, MW-157, MW-158, MW-159, MW-160, MW-161, MW-162, MW-163		

*Impacted sample results are those that were detected at concentrations within five times the maximum associated equipment blank concentration for inorganic analytes and within 10 times the maximum associated equipment blank concentration for organic analytes.

**Note that the asterisked result for TPH (GC/FID) high fraction from the re-extracted analysis of equipment blank sample EB-EP-03 noted in the table above was less than 10 times the

concentration detected in the associated method blank for organic analytes; therefore, the result for TPH (GC/FID) high fraction from the re-extracted analysis of equipment blank sample EB-EP-03 noted in the table above was probably the result of laboratory method blank contamination and did not affect any associated field samples.

***Note that these asterisked results in the samples noted in the table above were also less than 10 times the concentration detected in the associated method blank. Only TPH (GC/FID) high fraction results selected for project objectives during this review were evaluated against the equipment blank contamination.

LCS/LCSD

The LCS/LCSD %Rs for TPH (GC/FID) high fraction (0%/0%) were outside of the laboratory-defined recovery limits (50-150%) in QC batch WG2616523. As previously stated in this report, there were two sets of results reported for TPH (GC/FID) high fraction in the samples from this QC batch (DUP-EP-01, DUP-EP-02, EB-EP-03, KWB-11A, KWB-11B, KWB-7, MW-4A, MW-7A, MW-10, MW-18A, MW-70, MW-87, MW-115, OCD-1R, OCD-2A, OCD-3, OCD-4, OCD-5, and OCD-8A) as a result of this QC issue and method blank contamination associated with the re-extracted analyses. Only results for TPH (GC/FID) high fraction in the initial extracted analyses of samples DUP-EP-02, KWB-7, MW-4A, MW-10, MW-18A, MW-70, MW-115, OCD-5, and OCD-8A from QC batch WG2616523 were used for project objectives. Therefore, potential low bias exists for the positive results for TPH (GC/FID) high fraction in the original extracted analyses of samples DUP-EP-02, KWB-7, MW-4A, MW-10, MW-18A, MW-70, MW-115, OCD-5, and OCD-8A from this QC batch. There is no impact on data usability for the remaining samples from this QC batch since the TPH (GC/FID) high fraction results from those samples in this QC batch were not used for project objectives.

MS/MSD

MS and/or MS/MSD analyses were performed on the following samples:

- MW-10, MW-162, EB-EP-03, EB-REST-02, EB-TEL-01, EB-NCL-01: Chloride, fluoride, sulfate, nitrate, nitrite
- MW-115: Dissolved boron
- MW-45, MW-70, EP-EP-04: Total metals

The %Rs of fluoride, nitrate, and nitrite in the MS performed on samples MW-10 (56.9%, 48.5%, and 59.6%, respectively) and MW-162 (50.7%, 42.7%, 65.4%, respectively) were below the laboratory-defined recovery limits (80-120%); therefore, the positive and nondetect results for fluoride, nitrate, and nitrite in all groundwater samples in this report, where reported, may be potentially biased low.

The %Rs of chloride and sulfate in the MS performed on samples MW-10 and MW-162 were below the laboratory-defined recovery limits (80-120%). However, the concentrations of chloride and sulfate in the unspiked samples were greater than four times the spiked concentrations; thus, the %Rs of chloride and sulfate was not used to evaluate potential matrix effects.

The %Rs of chloride (76.6%/67.2%), fluoride (79.3%/64.5%), sulfate (72.7%/68.1%), nitrate (75.1%/66.0%), and nitrite (78.6%/68.7%) in the MS/MSD performed on samples EB-REST-02 were below the laboratory-defined recovery limits (80-120%); further, the RPD for fluoride (20.7%) was above laboratory-defined limit (15%) in the same MS/MSD. Therefore, the nondetect results for chloride, fluoride, sulfate, nitrate, and nitrite in sample EB-REST-02 may be potentially biased low.

The %Rs of total calcium and total sodium in the MS and/or MSD performed on samples MW-45 and MW-70 were outside of the laboratory-defined recovery limits (75-125%). However, the concentrations of these analytes in the unspiked samples were greater than four times the spiked concentrations; thus, the %Rs of total calcium and total sodium were not used to evaluate potential matrix effects.

Surrogate Recoveries

The surrogate (o-terphenyl) recovered below the laboratory-defined control limits (52.0-156%) in the TPH (GC/FID) high fraction analysis of sample MW-84 (0%). There was no impact on the data usability due to this issue since the sample was diluted ≥10-fold; therefore, the surrogate recovery was not applicable.

The surrogate (o-terphenyl) recovered above the laboratory-defined control limits (52.0-156%) in the TPH (GC/FID) high fraction analyses of samples MW-74 (185%) and KWB-7 (initial analysis) (158%). Therefore, the positive results for TPH (GC/FID) high fraction in samples MW-74 and KWB-7 (initial analysis) may be biased high.

The surrogate (o-terphenyl) recovered below the laboratory-defined control limits (52.0-156%) in the TPH (GC/FID) high fraction analysis of samples MW-49 (50.6%) and MW-54A (44.5%). Therefore, the positive results for TPH (GC/FID) high fraction in samples MW-49 and MW-54A may be biased low.

The surrogate (o-terphenyl) recovered below the laboratory-defined control limits (52.0-156%) in the re-extracted TPH (GC/FID) high fraction analyses of samples MW-4A (51.9%), MW-115 (47.5%), and DUP-EP-02 (42.8%). However, the results for TPH (GC/FID) high fraction from the re-extracted analyses of samples MW-4A, MW-115, and DUP-EP-02 were not used for project objectives so there is no impact on data usability due to this issue.

Laboratory Duplicates

Laboratory duplicate analyses were performed on the following samples:

- MW-2A, MW-54A, MW-108, MW-120, MW-125, MW-162, NCL-49, EB-TEL-01: Dissolved solids
- MW-10, MW-162, EB-EP-03, EB-REST-02, EB-TEL-01, EB-NCL-01: Chloride, fluoride, sulfate, nitrate, nitrite

The RPDs for fluoride (77.5%), nitrate (200%), and nitrite (200%) in the duplicate analysis performed on sample MW-162 exceeded the laboratory-defined control limit (15%). However, the results in the parent and duplicate samples were less than 5x the RL so the laboratory duplicate RPDs are not applicable.

Field Duplicates

Samples MW-7A/DUP-EP-01, MW-22A/DUP-EP-02, MW-102/DUP-REST-02, TEL-4/DUP-TEL-01, and NCL-49/DUP-NCL-01 were submitted as the field duplicate pairs. All criteria were met except as noted below:

- It should be noted that select parent and duplicate samples had varying RLs for various analytes in this report due to different dilutions performed by the laboratory. Both of the field duplicate pair sample RLs were used in evaluation of the field duplicate results.

- The result for nitrite was nondetect in duplicate sample DUP-TEL-01 and was >5x the RL in sample TEL-4 and the absolute difference was greater than the RL. Further, the RPD for total chromium (40.8%) was above the acceptance criteria (30%) in this field duplicate pair. Therefore, the positive and nondetect results for nitrite and total chromium in samples TEL-1 and DUP-TEL-01 may be potentially uncertain.

- The result for nitrite was nondetect in duplicate sample DUP-REST-02 and was <5x the RL in sample MW-102 and the absolute difference was greater than the RL. Therefore, the positive and nondetect results for nitrite in samples MW-102 and DUP-REST-02 may be potentially uncertain.

Lab Report L1906275

Sample identifiers cross-referenced to laboratory identifications are presented below.

Lab ID	Sample ID
L1906275-01	OCD-7AR
L1906275-02	MW-130
L1906275-03	MW-76
L1906275-04	MW-75
L1906275-05	MW-83
L1906275-06	MW-3
L1906275-07	MW-123
L1906275-08	DUP-EP-03[1]
L1906275-09	MW-124
L1906275-10	MW-52
L1906275-11	MW-109
L1906275-12	MW-110
L1906275-13	MW-140
L1906275-14	MW-141
L1906275-15	EB-EP-02
L1906275-16	MW-113
L1906275-17	MW-134
L1906275-18	RA-4196R
L1906275-19	NP-1
L1906275-20	MW-21
L1906275-21	MW-152
L1906275-22	MW-153
L1906275-23	MW-154
L1906275-24	MW-155
L1906275-25	MW-156
L1906275-26	DUP-REST-01[2]
L1906275-27	EB-REST-01
L1906275-28	DUP-REST-03[3]
L1906275-29	EB-REST-03
L1906275-30	TRIP BLANK-REST-01
L1906275-31	TRIP BLANK-TMD-01
L1906275-32	MW-117
L1906275-33	MW-118
L1906275-34	MW-119
L1906275-35	KWB-12B
L1906275-36	MW-149
L1906275-37	MW-150
L1906275-38	DUP-REST-05[4]
L1906275-39	EB-REST-05
L1906275-40	TRIP BLANK-REST-02
L1906275-41	MW-145
L1906275-42	MW-146
L1906275-43	MW-135
L1906275-44	MW-148
L1906275-45	DUP-REST-04[5]

Lab ID	Sample ID
L1906275-46	EB-REST-04
L1906275-47	MW-61
L1906275-48	MW-98
L1906275-49	MW-96
L1906275-50	NCL-33
L1906275-51	NCL-44
L1906275-52	NCL-32
L1906275-53	MW-55

[1]Field duplicate of MW-3
[2]Field duplicate of MW-113
[3]Field duplicate of MW-134
[4]Field duplicate of KWB-12B
[5]Field duplicate of MW-146

Data Review Checklist	Yes	No	Not applicable
Did all samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X		
All samples within holding times?	X		
Any detection in method blanks?	X		
Any detection in equipment blanks?	X		
Any detection in trip blanks?		X	
Any LCS/LCSD %R out of laboratory defined limits?	X		
Any LCS/LCSD RPD above laboratory defined limits?	X		
Any MS/MSD %R outside of laboratory defined limits?	X		
Any MS/MSD RPD above laboratory defined limits?		X	
Any surrogate %R outside of laboratory defined limits?	X		
Any laboratory duplicate RPD above laboratory defined limits?	X		
Any field duplicate data additionally flagged as estimated?	X		
Any analyte analyzed by a nonequivalent method than planned?		X	

Other

RLs for dissolved solids in all samples in this data set except all of the equipment blanks (EB-EP-02, EB-REST-01, EB-REST-03, EB-REST-05, and EB-REST-04) were 2 to 20 times higher than the associated method blank but the laboratory did not include a sample narrative explaining the elevated RLs. The samples were likely prepared at a reduced volume due to the elevated concentrations of dissolved solids. There is no impact on data usability since dissolved solids results were detected above the RLs in the affected samples.

The laboratory noted that a duplicate SVOC analysis was performed for sample MW-61 due to QC failures (refer to LCS/LCSD section below) with confirming results; the laboratory reported the original SVOC results that were within the holding time.

The laboratory noted that the nitrate, nitrite, chloride, fluoride, and sulfate analyses of samples DUP-EP-03, DUP-REST-01, DUP-REST-03, DUP-REST-05, KWB-12B, MW-3, MW-21, MW-52, MW-55, MW-61, MW-75, MW-76, MW-83, MW-96, MW-98, MW-109, MW-110, MW-113, MW-117, MW-118, MW-119, MW-123, MW-124, MW-130, MW-134, MW-135, MW-140, MW-141, MW-149, MW-150, NCL-32, NCL-33, NCL-44, OCD-7AR, and RA-4196R,

and the chloride, fluoride, and sulfate analyses of samples MW-145, MW-146, MW-148, and DUP-REST-04 were diluted due to matrix. There is no impact on data usability for these analytes since these analytes were detected above the MDLs and/or RL in these samples with the exception of fluoride in samples DUP-REST-05, KWB-12B, MW-113, and MW-135, and nitrate and/or nitrate in several samples listed above; the nondetect RLs for fluoride, nitrate and/or nitrite in these samples were elevated accordingly.

Several other samples were analyzed at dilutions for total sodium, one or more of the target VOCs, TPH (GC/FID) high fraction, and/or TPH (GC/FID) low fraction but the laboratory did not include a sample narrative explaining the dilutions. The samples were likely diluted either due to matrix interference and/or the presence of target and/or non-target analytes which would have exceeded the calibration range if undiluted. There is no impact on data usability for most of these analytes since these analytes were detected above the MDLs and/or RLs in the diluted samples with the following exceptions. The nondetect RLs for VOCs in samples MW-61, MW-96, MW-98, and NP-1 were elevated accordingly.

Laboratory Method Blanks

Total calcium was detected in one of the method blanks. Total calcium was not detected in the corresponding samples at concentrations within five times the method blank concentration for inorganic analytes. Therefore, there is no impact on data usability.

Equipment Blanks

The following table summarizes the analytes were detected in the equipment blank samples and the associated samples based on the location at the site. The analytes listed in the table below were detected in the corresponding samples at concentrations within five times the maximum equipment blank concentration, where applicable, for inorganic analytes and within 10 times the maximum equipment blank concentration for organic analytes. Therefore, the analytes for the impacted samples listed in the table below may include measurement contributions from the field.

Blank ID(s)	Analyte	Impacted Sample Results*
EB-EP-02	Total arsenic	None
	Total barium	
	Total calcium	
	Chloride	
	Total sodium	
Associated samples (EP Area of the site from this report): DUP-EP-03, MW-3, MW-75, MW-76, MW-83, MW-123, MW-124, OCD-7AR		
EB-REST-03	Total arsenic	DUP-REST-01, MW-98, MW-113
	Total boron	MW-141
	Total chromium	DUP-REST-03, DUP-REST-04, KWB-12B, MW-117, MW-118, MW-119, MW-130, MW-134, MW-135, MW-145, MW-146, MW-148, MW-149, MW-55, MW-61, MW-96, NCL-32
EB-REST-01, EB-REST-03, EB-REST-05	Total barium	DUP-REST-03, DUP-REST-04, DUP-REST-05, KWB-12B, MW-117, MW-118, MW-119, MW-130, MW-134, MW-135, MW-140, MW-141, MW-145, MW-146, MW-150, MW-21, MW-52, MW-55, MW-98, NCL-32

Blank ID(s)	Analyte	Impacted Sample Results*
EB-REST-01, EB-REST-03, EB-REST-05	Total calcium	None
	Total sodium	
	Sulfate	
EB-REST-01, EB-REST-03	Chloride	MW-98, MW-110, MW-141
	Dissolved solids	None
	Total manganese	KWB-12B, MW-96, MW-98, MW-118, MW-119, MW-141
	Dissolved manganese (based on total result)	MW-117, MW-118, MW-119, MW-141
	Total potassium	DUP-REST-01, DUP-REST-03, DUP-REST-04, DUP-REST-05, KWB-12B, MW-21, MW-52, MW-55, MW-61, MW-96, MW-98, MW-109, MW-110, MW-113, MW-118, MW-119, MW-130, MW-134, MW-135, MW-141, MW-145, MW-146, MW-149, MW-150, NCL-44
	TBA	MW-21, MW-109
	TPH (GC/FID) High Fraction	DUP-REST-01, MW-21, MW-52, MW-55, MW-61, MW-96, MW-98, MW-109, MW-110, MW-113, MW-117, MW-130, MW-145, MW-148, MW-150, MW-152, MW-153, MW-154, MW-155, NCL-32, NCL-33, NCL-44
Associated samples (the remaining Areas of the site from this report. i.e., REST, NCL, and TMD): **TMD:** MW-21, MW-152, MW-153, MW-154, MW-155, MW-156, NP-1 **NCL:** MW-55, NCL-32, NCL-33, NCL-44 **REST:** DUP-REST-01, DUP-REST-03, DUP-REST-04, DUP-REST-05, KWB-12B, MW-52, MW-61, MW-96, MW-98, MW-109, MW-110, MW-113, MW-117, MW-118, MW-119, MW-130, MW-134, MW-135, MW-140, MW-141, MW-145, MW-146, MW-148, MW-149, MW-150, RA-4196R		
*Impacted sample results are those that were detected at concentrations within five times the maximum associated equipment blank concentration for inorganic analytes and within 10 times the maximum associated equipment blank concentration for organic analytes.		

LCS/LCSD

The LCSD %Rs for chlorodibromomethane (76.8%), cis-1,3-dichloropropene (77.2%), and trichloroethene (76.4%) were outside of the laboratory-defined control limits (77-125%, 80-123%, and 78-124%, respectively) in QC batch WG2618296. Therefore, the nondetect results for chlorodibromomethane, cis-1,3-dichloropropene, and trichloroethene in the samples from this QC batch, DUP-REST-01, DUP-REST-03, EB-REST-01, EB-REST-03, MW-109, MW-110, MW-113, MW-130, MW-134, MW-152, MW-153, MW-154, MW-155, MW-156, MW-21, MW-52, RA-4196R, TRIP BLANK-REST-01, and TRIP BLANK-TMD-01, are potentially biased low.

The LCSD %Rs for benzo(g,h,i)perylene (46.8%), benzo(a)pyrene (46.4%), 2,4-dinitrotoluene (46.6%), fluorene (46.6%), hexachlorobenzene (42.6%), indeno(1,2,3-cd)pyrene (41.0%), n-nitrosodiphenylamine (46.2%), and 3-nitroaniline (37.8%) were below the laboratory-defined recovery limits (48-121%, 47-120%, 49-124%, 47-120%, 44-120%, 49-122%, 47-120%, and 38-120%, respectively) in QC batch WG2621340. In addition, the RPDs for several SVOCs in the LCS/LCSD from the same batch were outside of the laboratory-defined limits. The only RPD nonconformances that were associated with detected target compounds in the associated sample, MW-61, were as follows: acenaphthene (36.3%; limit: 22%), fluorene (36.2%; limit: 20%), 1-methylnaphthalene (36.2%; limit: 24%), 2-methylnaphthalene (34.9%; limit: 25%), naphthalene (SVOC) (32.7%; limit: 27%), phenanthrene (33.2%; limit: 20%), and bis(2-

ethylhexyl)phthalate (32.5%; limit: 20%). The remaining LCS/LCSD RPD nonconformances were not summarized in this report since LCS/LCSD RPDs do not impact the usability of nondetect results. Therefore, the nondetect results for benzo(g,h,i)perylene, benzo(a)pyrene, 2,4-dinitrotoluene, hexachlorobenzene, indeno(1,2,3-cd)pyrene, n-nitrosodiphenylamine, and 3-nitroaniline are potentially biased low, and the positive results for acenaphthene, fluorene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene (SVOC), phenanthrene, and bis(2-ethylhexyl)phthalate are potentially uncertain in the sample from this QC batch, MW-61. As stated above, there is no impact on data usability due to the remaining high RPDs.

MS/MSD

MS and/or MS/MSD analyses were performed on the following samples:

- MW-96, EB-EP-02, EB-REST-01, EB-REST-04: Nitrate, nitrite, chloride, fluoride, sulfate
- MW-140: Dissolved boron
- MW-113, EB-REST-04: Total metals

The %Rs of chloride and sulfate in the MS/MSD performed on sample MW-96 were outside of the laboratory-defined recovery limits (80-120%). However, the concentrations of chloride and sulfate in the unspiked sample were greater than four times the spiked concentrations; thus, the %Rs of chloride and sulfate were not used to evaluate potential matrix effects.

The %Rs of total calcium and total sodium in the MS and/or MSD performed on sample MW-113 were outside of the laboratory-defined recovery limits (75-125%). However, the concentrations of these analytes in the unspiked sample were greater than four times the spiked concentrations; thus, the %Rs of total calcium and total sodium were not used to evaluate potential matrix effects.

Surrogate Recoveries

The surrogate (o-terphenyl) recovered above the laboratory-defined control limits (52.0-156%) in the TPH (GC/FID) high fraction analysis of sample MW-96 (205%). Therefore, the positive TPH (GC/FID) high fraction result in sample MW-96 may be biased high.

The surrogate (o-terphenyl) recovered above the laboratory-defined control limits (52.0-156%) in the TPH (GC/FID) high fraction analyses of samples NCL-32 (237%), NCL-33 (238%), and NCL-44 (243%). There was no impact on the data usability due to this issue since these samples were diluted ≥10-fold; therefore, the surrogate recoveries were not applicable.

Laboratory Duplicates

Laboratory duplicate analyses were performed on the following samples:

- MW-55, MW-75, MW-76, MW-117, NCL-32, EB-REST-03: Dissolved solids
- MW-96, EB-EP-02, EB-REST-01, EB-REST-04: Nitrate, nitrite, chloride, fluoride, sulfate

The RPD for dissolved solids in the duplicate analysis performed on sample EB-REST-03 (34.5%) exceeded the laboratory-defined control limit (10%). However, the results in the parent

and duplicate samples were less than 5x the RL so the laboratory duplicate RPD was not applicable.

Field Duplicates

Samples MW-3/DUP-EP-03, MW-113/DUP-REST-01, MW-134/DUP-REST-03, MW-146/DUP-REST-04, and KWB-12B/DUP-REST-05 were submitted as the field duplicate pairs. All criteria were met except as noted below:

- It should be noted that select parent and duplicate samples had varying RLs for several analytes in this report due to different dilutions performed by the laboratory. Both of the field duplicate pair sample RLs were used in evaluation of the field duplicate results; only those field duplicate results that did not meet acceptance criteria using both sets of RLs are discussed below.

- The results for total iron were <5x the RL in the field duplicate and parent sample in the field duplicate pair MW-3/DUP-EP-03. The absolute difference was greater than the RL. Therefore, the positive results for total iron in samples MW-3 and DUP-EP-03 may be potentially uncertain.

- The results for total arsenic and total iron were <5x the RL in the field duplicate and parent sample in the field duplicate pair MW-134/DUP-REST-03. The absolute differences were greater than the RLs. Therefore, the positive results for total arsenic and total iron in samples MW-134 and DUP-REST-03 may be potentially uncertain.

Lab Report L1921108

Sample identifiers cross-referenced to laboratory identifications are presented below.

Sample ID	Lab ID
L1921108-01	KWB-3AR

Data Review Checklist	Yes	No	Not applicable
Did all samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X		
All samples within holding times?	X		
Any detection in method blanks?		X	
Any detection in equipment blanks?			X
Any detection in trip blanks?			X
Any LCS/LCSD %R out of laboratory defined limits?		X	
Any LCS/LCSD RPD above laboratory defined limits?		X	
Any MS/MSD %R outside of laboratory defined limits?			X
Any MS/MSD RPD above laboratory defined limits?			X
Any surrogate %R outside of laboratory defined limits?		X	
Any laboratory duplicate RPD above laboratory defined limits?			X
Any field duplicate data additionally flagged as estimated?			X
Any analyte analyzed by a nonequivalent method than planned?		X	

Other

The RL for dissolved solids in sample KWB-3AR was 10 times higher than the associated method blank, but the laboratory did not include a sample narrative explaining the elevated RL. The sample was likely prepared at a reduced volume due to the elevated concentration of dissolved solids. There is no impact on data usability since dissolved solids result was detected above the RL in the affected sample.

Sample KWB-3AR was analyzed on dilution for nitrate, nitrite, chloride, fluoride, sulfate, calcium, and sodium. The laboratory noted that this sample was diluted for nitrate, nitrite, chloride, fluoride, and sulfate due to matrix (i.e., likely the presence of these target and/or non-target analytes which would have exceeded the calibration range if undiluted). Except as noted below for fluoride and nitrite, there is no impact on data usability for these analytes since these analytes were detected above the RLs in this sample. The nondetect RLs for fluoride and nitrite in sample KWB-3AR were elevated accordingly.

No other issues were noted with this SDG.

Appendix E.1 - Summary of Production from Recovery Trenches and Wells

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, New Mexico

Recovery Well	Recovery Method	Volume of Water Recovered [1] (gallons)					Volume of PSH Recovered [1, 2] (gallons)				
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total 2025	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total 2025
RW-1R	Automated Pump	142,604	17,544	1	164,937	325,086	2	2,319	0	2,124	4,445
RW-2R	Automated Pump	56,343	658,069	291,026	476,004	1,481,442	4	43	0	8	55
RW-4R	Automated Pump	0	0	0	451,336	451,336	30	39	4	535	608
RW-5R	Automated Pump	67,674	36,728	12	43	104,457	0	2	2	34	38
RW-6R	Automated Pump	1	168,274	130,045	2,240	300,560	2	0	0	1,993	1,995
RW-7R	Automated Pump	53,826	358,254	170,323	62,334	644,737	8	503	0	1,909	2,420
RW-8R	Automated Pump	54,077	346,721	152,088	2,654	555,540	10	19	0	0	29
RW-12R	Automated Pump	0	0	0	0	0	0	0	0	0	0
RW-13R	Automated Pump	6	0	2	15,902	15,910	6	0	0	0	6
RW-14R	Automated Pump	0	0	0	0	0	0	0	0	0	0
RW-15	Automated Pump	0	0	0	0	0	0	0	0	0	0
RW-19	Automated Pump	0	0	0	0	0	3	0	0	0	3
RW-20	Automated Pump	0	0	0	0	0	0	0	0	0	0
RW-22	Automated Pump	3	0	4	1	8	0	1	0	0	1
TOTAL VOLUME RECOVERED:		374,534	1,585,590	743,501	1,175,451	**3,879,076**	65	2,926	6	6,603	**9,600**

Notes:

[1] Volumes of recovered water and PSH are based on automated system readings, rounded to the nearest gallon.

[2] Recorded volumes of recovered PSH may include a portion of groundwater (up to 50%)

- All groundwater totalizers and PSH pulse counters were reset to zero on January 22, 2025 and on November 12, 2025 (except RW-12R, RW-13R, and RW-15)
- On December 19, 2025, a PLC update caused all operational groundwater totalizers and PSH pulse counters to be reset to 2,647,219 and 73,747; the data entered on December 31, 2025 has been adjusted accordingly

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Appendix E.1 - Recovery System Gauging Data

2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, NM

Automated Fluid Readings - Skid Area T-9012

Date	Total Fluids Readings				PSH Readings				Tank Reading
	RW-1R	RW-2R	RW-7R	RW-8R	RW-1R	RW-2R	RW-7R	RW-8R	T-9012
12/31/2024	-	-	-	-	-	-	-	-	-
1/7/2025	-	-	-	-	-	-	-	-	-
1/14/2025	-	-	-	-	-	-	-	-	-
1/21/2025	-	-	-	-	-	-	-	-	-
1/28/2025	-	-	-	-	-	-	-	-	-
2/4/2025	110,783	-	2	7	-	-	7	9	-
2/11/2025	-	-	-	-	-	-	-	-	-
2/18/2025	-	-	-	-	-	-	-	-	-
2/25/2025	-	-	-	-	-	-	-	-	-
3/5/2025	142,604	-	2	10	2	-	7	10	5
3/12/2025	142,604	-	2	10	-	-	7	10	-
3/20/2025	-	-	-	-	-	-	-	-	-
3/25/2025	142,604	56,343	53,826	54,077	2	4	8	10	15
1Q Totals:	**142,604**	**56,343**	**53,826**	**54,077**	**2**	**4**	**8**	**10**	**15**
4/1/2025	145,699	144,842	94,110	101,244	87	27	10	10	294
4/8/2025	152,055	179,689	112,984	120,894	87	27	10	10	423
4/15/2025	-	-	-	-	-	-	-	-	-
4/22/2025	160,148	304,285	178,288	188,659	87	29	10	11	1,791
4/29/2025	160,148	355,882	208,316	219,026	87	29	10	11	1,796
5/6/2025	160,148	408,816	240,200	242,151	2,321	47	297	29	12,418
5/13/2025	-	-	-	-	-	-	-	-	-
5/20/2025	-	-	-	-	-	-	-	-	-
5/27/2025	160,148	560,469	327,754	318,886	2,321	47	511	29	32,110
6/3/2025	-	-	-	-	-	-	-	-	-
6/10/2025	-	-	-	-	-	-	-	-	-
6/17/2025	160,148	714,412	412,080	400,798	2,321	47	511	29	-
6/24/2025	-	-	-	-	-	-	-	-	32,110
2Q Totals:	**17,544**	**658,069**	**358,254**	**346,721**	**2,319**	**43**	**503**	**19**	**32,095**
7/1/2025	160,148	823,273	471,550	457,688	2,321	47	511	29	
7/8/2025	160,148	884,592	508,589	489,234	2,321	47	511	29	
7/15/2025	-	-	-	-	-	-	-	-	-
7/22/2025	160,149	1,005,438	582,403	552,886	2,321	47	511	29	32,110
7/29/2025	-	-	-	-	-	-	-	-	-
8/5/2025	-	-	-	-	-	-	-	-	-
8/12/2025	-	-	-	-	-	-	-	-	-
8/19/2025	-	-	-	-	-	-	-	-	-
8/26/2025	-	-	-	-	-	-	-	-	-
9/2/2025	-	-	-	-	-	-	-	-	-
9/9/2025	-	-	-	-	-	-	-	-	-
9/16/2025	-	-	-	-	-	-	-	-	-
9/23/2025	-	-	-	-	-	-	-	-	-
9/30/2025	-	-	-	-	-	-	-	-	-
3Q Totals:	**1**	**291,026**	**170,323**	**152,088**	**-**	**-**	**-**	**-**	**-**
10/7/2025	-	-	-	-	-	-	-	-	-
10/14/2025	-	-	-	-	-	-	-	-	-
10/21/2025	-	-	-	-	-	-	-	-	-
10/28/2025	-	-	-	-	-	-	-	-	-
11/4/2025	-	-	-	-	-	-	-	-	-
11/11/2025	1	-	96	2,652	-	-	-	-	-
11/18/2025	14,673	65,039	12,448	-	754	-	503	-	466
11/25/2025	-	-	-	-	-	-	-	-	-
12/2/2025	63,598	207,601	38,584	2,654	1,175	8	1,082	-	1,690
12/9/2025	-	-	-	-	-	-	-	-	-
12/16/2025	150,570	365,877	56,790	2,654	1,884	8	1,722	-	2,229
12/23/2025	-	-	-	-	-	-	-	-	-
12/31/2025	164,937	476,004	62,334	2,654	2,124	8	1,909	-	2,231
4Q Totals:	**164,937**	**476,004**	**62,334**	**2,654**	**2,124**	**8**	**1,909**	**-**	**2,231**

-All groundwater totalizers and PSH pulse counters were reset to zero on 1/22/2025 and on 11/12/2025
-On 12/19/2025, all operational GW totalizers & PSH pulse counters were reset to 2,647,219 and 73,747; the data entered on 12/31/2025 has been adjusted accordingly

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Appendix E.1 - Recovery System Gauging Data

2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, NM

Automated Fluid Readings - Skid Area T-9003

Date	Total Fluids Readings		PSH Readings		Tank Reading
	RW-4R	RW-6R	RW-4R	RW-6R	T-9003
12/31/2024	-	-	-	-	-
1/7/2025	-	-	-	-	-
1/14/2025	-	-	-	-	-
1/21/2025	-	-	-	-	-
1/28/2025	-	-	-	-	-
2/4/2025	-	-	-	2	-
2/11/2025	-	-	-	-	-
2/18/2025	-	-	-	-	-
2/25/2025	-	-	-	-	-
3/5/2025	-	1	30	2	-
3/12/2025	-	1	30	2	-
3/20/2025	-	-	-	-	-
3/25/2025	-	1	30	2	-
1Q Totals:	**-**	**1**	**30**	**2**	**-**
4/1/2025	-	84	31	2	-
4/8/2025	-	1,565	31	2	-
4/15/2025	-	-	-	-	-
4/22/2025	-	5,566	33	2	-
4/29/2025	-	-	-	-	-
5/6/2025	-	41,069	35	2	21
5/13/2025	-	-	-	-	-
5/20/2025	-	-	-	-	-
5/27/2025	-	90,559	55	2	1,414
6/3/2025	-	-	-	-	-
6/10/2025	-	-	-	-	-
6/17/2025	-	168,275	69	2	
6/24/2025	-	-	-	-	-
2Q Totals:	**-**	**168,274**	**39**	**-**	**1,414**
7/1/2025	-	218,383	69	2	961
7/8/2025	-	243,063	69	2	-
7/15/2025	-	-	-	-	-
7/22/2025	-	298,320	73	2	961
7/29/2025	-	-	-	-	-
8/5/2025	-	-	-	-	-
8/12/2025	-	-	-	-	-
8/19/2025	-	-	-	-	-
8/26/2025	-	-	-	-	-
9/2/2025	-	-	-	-	-
9/9/2025	-	-	-	-	-
9/16/2025	-	-	-	-	-
9/23/2025	-	-	-	-	-
9/30/2025	-	-	-	-	-
3Q Totals:	**-**	**130,045**	**4**	**-**	**961**
10/7/2025	-	-	-	-	-
10/14/2025	-	-	-	-	-
10/21/2025	-	-	-	-	-
10/28/2025	-	-	-	-	-
11/4/2025	-	-	-	-	-
11/11/2025	-	3	34	2	26
11/18/2025	-	45	312	5	-
11/25/2025	-	-	-	-	26
12/2/2025	-	2,219	522	10	31
12/9/2025	-	-	-	-	-
12/16/2025	297,244	2,238	535	1,992	1,171
12/23/2025	-	-	-	-	-
12/31/2025	451,336	2,240	535	1,993	-
4Q Totals:	**451,336**	**2,240**	**535**	**1,993**	**1,171**

-All groundwater totalizers and PSH pulse counters were reset to zero on 1/22/2025 and on 11/12/2025
-On 12/19/2025, all operational GW totalizers & PSH pulse counters were reset to 2,647,219 and 73,747; the data entered on 12/31/2025 has been adjusted accordingly

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Appendix E.1 - Recovery System Gauging Data

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, NM

Automated Fluid Readings - Skid Area T-9021

Date	Total Fluids Readings			PSH Readings			Tank Reading
	RW-5R	RW-15	RW-19	RW-5R	RW-15	RW-19	T-9021
12/31/2024	-	-	-	-	-	-	-
1/7/2025	-	-	-	-	-	-	-
1/14/2025	-	-	-	-	-	-	-
1/21/2025	-	-	-	-	-	-	-
1/28/2025	-	-	-	-	-	-	-
2/4/2025	17,775	-	-	-	-	3	-
2/11/2025	-	-	-	-	-	-	-
2/18/2025	-	-	-	-	-	-	-
2/25/2025	-	-	-	-	-	-	-
3/5/2025	53,457	-	-	-	-	3	5
3/12/2025	57,220	-	-	-	-	3	-
3/20/2025	-	-	-	-	-	-	-
3/25/2025	67,674	-	-	-	-	3	5
1Q Totals:	**67,674**	**-**	**-**	**-**	**-**	**3**	**5**
4/1/2025	78,782	-	-	-	-	-	5
4/8/2025	83,275	-	-	-	-	3	5
4/15/2025	-	-	-	-	-	-	-
4/22/2025	104,170	-	-	2	-	-	-
4/29/2025	104,177	-	-	2	-	-	-
5/6/2025	104,177	-	-	2	-	3	10
5/13/2025	-	-	-	-	-	-	-
5/20/2025	-	-	-	-	-	-	-
5/27/2025	104,402	-	-	2	-	3	10
6/3/2025	-	-	-	-	-	-	-
6/10/2025	-	-	-	-	-	-	-
6/17/2025	104,402	-	-	2	-	-	-
6/24/2025	-	-	-	-	-	-	-
2Q Totals:	**36,728**	**-**	**-**	**2**	**-**	**-**	**5**
7/1/2025	104,414	-	-	-	-	3	
7/8/2025	104,414	-	-	-	-	3	-
7/15/2025	-	-	-	-	-	-	-
7/22/2025	104,414	-	-	4	-	3	-
7/29/2025	-	-	-	-	-	-	-
8/5/2025	-	-	-	-	-	-	-
8/12/2025	-	-	-	-	-	-	-
8/19/2025	-	-	-	-	-	-	-
8/26/2025	-	-	-	-	-	-	-
9/2/2025	-	-	-	-	-	-	-
9/9/2025	-	-	-	-	-	-	-
9/16/2025	-	-	-	-	-	-	-
9/23/2025	-	-	-	-	-	-	-
9/30/2025	-	-	-	-	-	-	-
3Q Totals:	**12**	**-**	**-**	**2**	**-**	**-**	**-**
10/7/2025	-	-	-	-	-	-	-
10/14/2025	-	-	-	-	-	-	-
10/21/2025	-	-	-	-	-	-	-
10/28/2025	-	-	-	-	-	-	-
11/4/2025	-	-	-	-	-	-	-
11/11/2025	-	-	-	-	-	-	-
11/18/2025	8	-	-	-	-	-	-
11/25/2025	-	-	-	-	-	-	-
12/2/2025	12	-	-	26	-	-	-
12/9/2025	-	-	-	-	-	-	-
12/16/2025	43	-	-	34	-	-	-
12/23/2025	-	-	-	-	-	-	-
12/31/2025	43	-	-	34	-	-	-
4Q Totals:	**43**	**-**	**-**	**34**	**-**	**-**	**-**

-All groundwater totalizers and PSH pulse counters were reset to zero on 1/22/2025 and on 11/12/2025 (except RW-12R, RW-13R, and RW-15)

-On 12/19/2025, all operational GW totalizers & PSH pulse counters were reset to 2,647,219 and 73,747; the data entered on 12/31/2025 has been adjusted accordingly

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Appendix E.1 - Recovery System Gauging Data

2025 Annual Groundwater Monitoring Report

HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, NM

Automated Fluid Readings - Skid Area T-9020

Date	Total Fluids Readings					PSH Readings					Tank Reading
	RW-12R	RW-13R	RW-14R	RW-20	RW-22	RW-12R	RW-13R	RW-14R	RW-20	RW-22	T-9020
12/31/2024	-	-	-	-	-	-	-	-	-	-	-
1/7/2025	-	-	-	-	-	-	-	-	-	-	-
1/14/2025	-	-	-	-	-	-	-	-	-	-	-
1/21/2025	-	-	-	-	-	-	-	-	-	-	-
1/28/2025	-	-	-	-	-	-	-	-	-	-	-
2/4/2025	234	6	-	-	-	-	6	-	-	-	-
2/11/2025	-	-	-	-	-	-	-	-	-	-	-
2/18/2025	-	-	-	-	-	-	-	-	-	-	-
2/25/2025	-	-	-	-	-	-	-	-	-	-	-
3/5/2025	234	6	-	-	3	-	6	-	-	-	-
3/12/2025	-	6	-	-	3	-	6	-	-	-	-
3/20/2025	-	-	-	-	-	-	-	-	-	-	-
3/25/2025	-	6	-	-	3	-	-	-	-	-	-
1Q Totals:	**-**	**6**	**-**	**-**	**3**	**-**	**6**	**-**	**-**	**-**	**-**
4/1/2025	-	6	-	-	-	-	6	-	-	-	-
4/8/2025	-	6	-	-	-	-	6	-	-	-	-
4/15/2025	-	-	-	-	-	-	-	-	-	-	-
4/22/2025	-	6	-	-	-	-	6	-	-	-	-
4/29/2025	-	-	-	-	-	-	-	-	-	-	-
5/6/2025	-	6	-	-	3	-	6	-	-	-	-
5/13/2025	-	-	-	-	-	-	-	-	-	-	-
5/20/2025	-	-	-	-	-	-	-	-	-	-	-
5/27/2025	-	-	-	-	3	-	-	-	-	1	-
6/3/2025	-	-	-	-	-	-	-	-	-	-	-
6/10/2025	-	-	-	-	-	-	-	-	-	-	-
6/17/2025	-	6	-	-	3	-	6	-	-	1	-
6/24/2025	-	-	-	-	-	-	-	-	-	-	-
2Q Totals:	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**	**-**
7/1/2025	-	8	-	-	7	-	6	-	-	1	-
7/8/2025	-	8	-	-	7	-	6	-	-	1	-
7/15/2025	-	-	-	-	-	-	-	-	-	-	-
7/22/2025	-	8	-	-	7	-	6	-	-	-	-
7/29/2025	-	-	-	-	-	-	-	-	-	-	-
8/5/2025	-	-	-	-	-	-	-	-	-	-	-
8/12/2025	-	-	-	-	-	-	-	-	-	-	-
8/19/2025	-	-	-	-	-	-	-	-	-	-	-
8/26/2025	-	-	-	-	-	-	-	-	-	-	-
9/2/2025	-	-	-	-	-	-	-	-	-	-	-
9/9/2025	-	-	-	-	-	-	-	-	-	-	-
9/16/2025	-	-	-	-	-	-	-	-	-	-	-
9/23/2025	-	-	-	-	-	-	-	-	-	-	-
9/30/2025	-	-	-	-	-	-	-	-	-	-	-
3Q Totals:	**-**	**2**	**-**	**-**	**4**	**-**	**-**	**-**	**-**	**-**	**-**
10/7/2025	-	-	-	-	-	-	-	-	-	-	-
10/14/2025	-	-	-	-	-	-	-	-	-	-	-
10/21/2025	-	-	-	-	-	-	-	-	-	-	-
10/28/2025	-	-	-	-	-	-	-	-	-	-	-
11/4/2025	-	-	-	-	-	-	-	-	-	-	-
11/11/2025	-	15,902	-	-	-	-	-	-	-	-	-
11/18/2025	-	15,902	-	-	-	-	-	-	-	-	-
11/25/2025	-	-	-	-	-	-	-	-	-	-	-
12/2/2025	-	15,902	-	-	-	-	-	-	-	-	2
12/9/2025	-	-	-	-	-	-	-	-	-	-	-
12/16/2025	-	-	-	-	-	-		-	-	-	-
12/23/2025	-	-	-	-	-	-	-	-	-	-	-
12/31/2025	-	-	-	-	1	-	-	-	-	-	-
4Q Totals:	**-**	**15,902**	**-**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**2**

-All groundwater totalizers and PSH pulse counters were reset to zero on 1/22/2025 and on 11/12/2025 (except RW-12R, RW-13R, and RW-15)

-On 12/19/2025, all operational GW totalizers & PSH pulse counters were reset to 2,647,219 and 73,747; the data entered on 12/31/2025 has been adjusted accordingly

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Appendix E.2 - Recovery System Gauging Data
2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, NM

Well	RW-1R							RW-2R							RW-4R						
Date:	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)
12/31/24	13.59	15.00	17.50	1.41	3384.03	3370.44	3369.03	--	15.23	20.00	0.00	3385.17	--	3369.94	--	16.45	--	0.00	3381.86	--	3365.41
1/7/25	13.41	15.12	20.04	1.71	3384.03	3370.62	3368.91	--	15.18	--	0.00	3385.17	--	3369.99	--	15.41	--	0.00	3381.86	--	3366.45
2/4/25	20.53	21.11	20.04	0.58	3384.03	3363.50	3362.92	--	15.59	--	0.00	3385.17	--	3369.58	--	15.11	--	0.00	3381.86	--	3366.75
3/5/25	14.16	14.41	20.04	0.25	3384.03	3369.87	3369.62	--	15.55	--	0.00	3385.17	--	3369.62	--	15.03	--	0.00	3381.86	--	3366.83
3/20/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
3/25/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
4/1/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
4/8/25	--	15.40	--	0.00	3384.03	--	3368.63	--	23.95	--	0.00	3385.17	--	3361.22	--	15.15	--	0.00	3381.86	--	3366.71
4/15/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
4/22/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
4/29/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
5/6/25	18.01	18.12	--	0.11	3384.03	3366.02	3365.91	25.96	26.44	--	0.48	3385.17	3359.21	3358.73	15.19	15.64	--	0.45	3381.86	3366.67	3366.22
5/13/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
5/20/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
5/27/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
6/3/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
6/10/25	--	18.32	--	0.00	3384.03	--	3384.03	24.05	24.81	--	0.76	3385.17	3361.12	3360.36	15.08	15.70	--	0.62	3381.86	3366.78	3366.16
6/17/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
6/24/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
7/1/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
7/8/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
7/15/25	--	18.72	--	0.00	3384.03	--	3365.31	--	23.95	--	0.00	3385.17	--	3361.22	19.38	20.37	--	0.99	3381.86	3362.48	3361.49
7/22/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
7/29/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
8/5/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
8/12/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
8/19/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
8/26/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
9/2/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
9/9/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
9/16/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
9/23/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
9/30/25	12.00	13.80	--	1.80	3384.03	3372.03	3370.23	--	13.75	--	0.00	3385.17	--	3371.42	17.85	19.15	--	1.30	3381.86	3364.01	3362.71
10/7/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
10/14/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
10/21/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
10/28/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
11/4/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
11/11/25	12.38	14.25	--	1.87	3384.03	3371.65	3369.78	--	14.20	--	0.00	3385.17	--	3370.97	12.52	13.45	--	0.93	3381.86	3369.34	3368.41
11/18/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
11/25/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
12/2/25	16.72	16.82	--	0.10	3384.03	3367.31	3367.21	--	24.27	--	0.00	3385.17	--	3360.90	13.05	13.76	--	0.71	3381.86	3368.81	3368.10
12/9/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
12/16/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
12/23/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86
12/30/25	--	--	--	0.00	3384.03	--	3384.03	--	--	--	0.00	3385.17	--	3385.17	--	--	--	0.00	3381.86	--	3381.86

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Appendix E.2 - Recovery System Gauging Data
2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, NM

Well	RW-5R							RW-6R							RW-7R						
Date:	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)
12/31/24	19.44	19.45	21.00	0.01	3385.56	3366.12	3366.11	20.08	20.28	22.50	0.20	3385.36	3365.28	3365.08	16.25	17.84	21.00	1.59	3384.09	3367.84	3366.25
1/7/25	20.45	20.50	--	0.05	3385.56	3365.11	3365.06	20.00	20.32	--	0.32	3385.36	3365.36	3365.04	14.95	16.30	--	1.35	3384.09	3369.14	3367.79
2/4/25	22.52	25.33	--	2.81	3385.56	3363.04	3360.23	16.16	16.47	--	0.31	3385.36	3369.20	3368.89	15.53	18.82	--	3.29	3384.09	3368.56	3365.27
3/5/25	21.88	31.70	--	9.82	3385.56	3363.68	3353.86	16.11	16.60	--	0.49	3385.36	3369.25	3368.76	16.00	18.55	--	2.55	3384.09	3368.09	3365.54
3/20/25	21.80	32.47	--	10.67	3385.56	3363.76	3353.09	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
3/25/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
4/1/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
4/8/25	21.10	31.51	--	10.41	3385.56	3364.46	3354.05	18.68	21.73	--	3.05	3385.36	3366.68	3363.63	17.45	18.16	--	0.71	3384.09	3366.64	3365.93
4/15/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
4/22/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
4/29/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
5/6/25	18.45	20.00	--	1.55	3385.56	3367.11	3365.56	19.45	19.99	--	0.54	3385.36	3365.91	3365.37	18.29	18.51	--	0.22	3384.09	3365.80	3365.58
5/13/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
5/20/25	19.21	20.42	--	1.21	3385.56	3366.35	3365.14	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
5/27/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
6/3/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
6/10/25	19.68	20.65	--	0.97	3385.56	3365.88	3364.91	20.20	20.30	--	0.10	3385.36	3365.16	3365.06	18.76	20.78	--	2.02	3384.09	3365.33	3363.31
6/17/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
6/24/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
7/1/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
7/8/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
7/15/25	18.20	19.28	--	1.08	3385.56	3367.36	3366.28	17.87	19.92	--	2.05	3385.36	3367.49	3365.44	17.52	18.02	--	0.50	3384.09	3366.57	3366.07
7/22/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
7/29/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
8/5/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
8/12/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
8/19/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
8/26/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
9/2/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
9/9/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
9/16/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
9/23/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
9/30/25	17.30	19.48	--	2.18	3385.56	3368.26	3366.08	14.41	16.11	--	1.70	3385.36	3370.95	3369.25	14.68	15.40	--	0.72	3384.09	3369.41	3368.69
10/7/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
10/14/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
10/21/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
10/28/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
11/4/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
11/11/25	17.60	18.95	--	1.35	3385.56	3367.96	3366.61	18.29	18.95	--	0.66	3385.36	3367.07	3366.41	15.54	16.68	--	1.14	3384.09	3368.55	3367.41
11/18/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
11/25/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
12/2/25	17.37	17.50	--	0.13	3385.56	3368.19	3368.06	14.40	15.70	--	1.30	3385.36	3370.96	3369.66	17.00	17.80	--	0.80	3384.09	3367.09	3366.29
12/9/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
12/16/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
12/23/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09
12/30/25	--	--	--	0.00	3385.56	--	3385.56	--	--	--	0.00	3385.36	--	3385.36	--	--	--	0.00	3384.09	--	3384.09

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Appendix E.2 - Recovery System Gauging Data
2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, NM

Well	RW-8R							RW-12R							RW-13R						
Date:	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)
12/31/24	15.90	16.28	18.50	0.38	3385.10	3369.20	3368.82	--	--	--	0.00	3368.54	--	3368.54	--	--	21.64	0.00	3368.54	3343.49	3368.54
1/7/25	15.64	16.00	--	0.36	3385.10	3369.46	3369.10	--	--	--	0.00	3368.54	0	3368.54	26.47	30.87	--	4.40	3368.54	3342.07	3337.67
2/4/25	15.35	15.75	--	0.40	3385.10	3369.75	3369.35	--	--	--	0.00	3368.54	--	3368.54	24.02	24.09	--	0.07	3368.54	3344.52	3344.45
3/5/25	15.82	16.48	--	0.66	3385.10	3369.28	3368.62	--	--	--	0.00	3368.54	--	3368.54	--	24.16	--	0.00	3368.54	--	3344.38
3/20/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
3/25/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
4/1/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
4/8/25	18.90	19.20	--	0.30	3385.10	3366.20	3365.90	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
4/15/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
4/22/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
4/29/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
5/6/25	19.14	19.96	--	0.82	3385.10	3365.96	3365.14	--	--	--	0.00	3368.54	--	3368.54	--	24.05	--	0.00	3368.54	--	3344.49
5/13/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
5/20/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
5/27/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
6/3/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
6/10/25	19.68	22.50	--	2.82	3385.10	3365.42	3362.60	--	--	--	0.00	3368.54	--	3368.54	--	23.65	--	0.00	3368.54	--	3368.54
6/17/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
6/24/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
7/1/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
7/8/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
7/15/25	--	18.83	--	0.00	3385.10	--	3366.27	--	--	--	0.00	3368.54	--	3368.54	--	23.95	--	0.00	3368.54	--	3344.59
7/22/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
7/29/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
8/5/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
8/12/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
8/19/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
8/26/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
9/2/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
9/9/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
9/16/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
9/23/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
9/30/25	14.35	14.36	--	0.01	3385.10	3370.75	3370.74	--	--	--	0.00	3368.54	--	3368.54	--	22.62	--	0.00	3368.54	--	3345.92
10/7/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
10/14/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
10/21/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
10/28/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
11/4/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
11/11/25	15.04	16.48	--	1.44	3385.10	3370.06	3368.62	--	--	--	0.00	3368.54	--	3368.54	--	23.32	--	0.00	3368.54	--	3345.22
11/18/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
11/25/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
12/2/25	15.71	17.31	--	1.60	3385.10	3369.39	3367.79	--	--	--	0.00	3368.54	--	3368.54	24.48	31.75	--	7.27	3368.54	3344.06	3336.79
12/9/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
12/16/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
12/23/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54
12/30/25	--	--	--	0.00	3385.10	--	3385.10	--	--	--	0.00	3368.54	--	3368.54	--	--	--	0.00	3368.54	--	3368.54

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Appendix E.2 - Recovery System Gauging Data
2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, NM

Well	RW-14R							RW-15							RW-19						
Date:	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)
12/31/24	24.04	30.90	22.95	6.86	3366.37	3342.33	3335.47	--	--	--	0.00	3382.30	--	3382.30	--	27.19	26.50	0.00	3386.11	--	3358.92
1/7/25	24.24	29.40	--	5.16	3366.37	3342.13	3336.97	--	--	--	0.00	3382.30	0	0	27.32	27.38	--	0.06	3386.11	3358.79	3358.73
2/4/25	24.90	29.67	--	4.77	3366.37	3341.47	3336.70	--	--	--	0.00	3382.30	--	3382.30	27.32	27.45	--	0.13	3386.11	3358.79	3358.66
3/5/25	24.08	29.52	--	5.44	3366.37	3342.29	3336.85	--	--	--	0.00	3382.30	--	3382.30	27.43	27.51	--	0.08	3386.11	3358.68	3358.60
3/20/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
3/25/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
4/1/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
4/8/25	24.58	29.50	--	4.92	3366.37	3341.79	3336.87	--	--	--	0.00	3382.30	--	3382.30	27.52	27.70	--	0.18	3386.11	3358.59	3358.41
4/15/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
4/22/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
4/29/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
5/6/25	24.61	29.61	--	5.00	3366.37	3341.76	3336.76	--	--	--	0.00	3382.30	--	3382.30	27.67	27.71	--	0.04	3386.11	3358.44	3358.40
5/13/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
5/20/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
5/27/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
6/3/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
6/10/25	25.30	29.80	--	4.50	3366.37	3341.07	3336.57	--	--	--	0.00	3382.30	--	3382.30	27.75	27.80	--	0.05	3386.11	3358.36	3358.31
6/17/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
6/24/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
7/1/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
7/8/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
7/15/25	25.32	30.35	--	5.03	3366.37	3341.05	3336.02	--	--	--	0.00	3382.30	--	3382.30	27.25	27.30	--	0.05	3386.11	3358.86	3358.81
7/22/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
7/29/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
8/5/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
8/12/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
8/19/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
8/26/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
9/2/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
9/9/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
9/16/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
9/23/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
9/30/25	25.10	29.38	--	4.28	3366.37	3341.27	3336.99	--	--	--	0.00	3382.30	--	3382.30	26.42	26.53	--	0.11	3386.11	3359.69	3359.58
10/7/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
10/14/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
10/21/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
10/28/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
11/4/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
11/11/25	21.69	25.34	--	3.65	3366.37	3344.68	3341.03	--	--	--	0.00	3382.30	--	3382.30	26.40	26.52	--	0.12	3386.11	3359.71	3359.59
11/18/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
11/25/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
12/2/25	22.18	24.70	--	2.52	3366.37	3344.19	3341.67	--	--	--	0.00	3382.30	--	3382.30	26.35	26.55	--	0.20	3386.11	3359.76	3359.56
12/9/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
12/16/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
12/23/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11
12/30/25	--	--	--	0.00	3366.37	--	3366.37	--	--	--	0.00	3382.30	--	3382.30	--	--	--	0.00	3386.11	--	3386.11

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Appendix E.2 - Recovery System Gauging Data
2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, NM

Well	RW-20							RW-22							MW-132						
Date:	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)
12/31/24	--	--	32.00	0.00	3365.44	--	3365.44	24.04	30.90	19.60	6.86	3366.21	3342.17	3335.31	--	--	--	0.00	3366.21	--	3366.21
1/7/25	--	--	--	0.00	3365.44	0	0	25.57	27.55	--	1.98	3366.21	3340.64	3338.66	--	--	--	0.00	3366.21	--	3366.21
2/4/25	--	--	--	0.00	3365.44	--	3365.44	26.28	28.40	--	2.12	3366.21	3339.93	3337.81	--	--	--	0.00	3366.21	--	3366.21
3/5/25	--	--	--	0.00	3365.44	--	3365.44	26.92	28.77	--	1.85	3366.21	3339.29	3337.44	--	--	--	0.00	3366.21	--	3366.21
3/20/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
3/25/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
4/1/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
4/8/25	--	--	--	0.00	3365.44	--	3365.44	27.40	29.17	--	1.77	3366.21	3338.81	3337.04	--	--	--	0.00	3366.21	--	3366.21
4/15/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
4/22/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
4/29/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
5/6/25	--	--	--	0.00	3365.44	--	3365.44	23.95	24.29	--	0.34	3366.21	3342.26	3341.92	--	--	--	0.00	3366.21	--	3366.21
5/13/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
5/20/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
5/27/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
6/3/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
6/10/25	--	--	--	0.00	3365.44	--	3365.44	21.30	21.75	--	0.45	3366.21	3344.91	3344.46	--	--	--	0.00	3366.21	--	3366.21
6/17/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
6/24/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
7/1/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
7/8/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
7/15/25	--	--	--	0.00	3365.44	--	3365.44	21.20	21.60	--	0.40	3366.21	3345.01	3344.61	--	--	--	0.00	3366.21	--	3366.21
7/22/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
7/29/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
8/5/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
8/12/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
8/19/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
8/26/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
9/2/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
9/9/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
9/16/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
9/23/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
9/30/25	--	--	--	0.00	3365.44	--	3365.44	22.80	23.23	--	0.43	3366.21	3343.41	3342.98	--	--	--	0.00	3366.21	--	3366.21
10/7/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
10/14/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
10/21/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
10/28/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
11/4/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
11/11/25	--	--	--	0.00	3365.44	--	3365.44	24.80	25.27	--	0.47	3366.21	3341.41	3340.94	--	--	--	0.00	3366.21	--	3366.21
11/18/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
11/25/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
12/2/25	--	--	--	0.00	3365.44	--	3365.44	26.05	27.60	--	1.55	3366.21	3340.16	3338.61	--	--	--	0.00	3366.21	--	3366.21
12/9/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
12/16/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
12/23/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21
12/30/25	--	--	--	0.00	3365.44	--	3365.44	--	--	--	0.00	3366.21	--	3366.21	--	--	--	0.00	3366.21	--	3366.21

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Released to Imaging: 6/26/2026 3:07:01 PM
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Appendix E.2 - Recovery System Gauging Data
2025 Annual Groundwater Monitoring Report
HF Sinclair Navajo Refining LLC, Artesia Refinery, Artesia, NM

Well	KWB-6						
Date:	Depth to PSH (feet btoc)	Depth to Water (feet btoc)	Product Pump (feet btoc)	PSH Thickness (feet)	TOC Elevation (feet)	PSH Elevation (feet)	Water Elevation (feet)
12/31/24	--	--	--	0.00	3366.21	--	3366.21
1/7/25	25.80	28.15	--	2.35	3366.21	3340.41	3338.06
2/4/25	26.08	28.68	--	2.60	3366.21	3340.13	3337.53
3/5/25	26.53	28.95	--	2.42	3366.21	3339.68	3337.26
3/20/25	--	--	--	0.00	3366.21	--	3366.21
3/25/25	--	--	--	0.00	3366.21	--	3366.21
4/1/25	--	--	--	0.00	3366.21	--	3366.21
4/8/25	--	--	--	0.00	3366.21	--	3366.21
4/15/25	--	--	--	0.00	3366.21	--	3366.21
4/22/25	--	--	--	0.00	3366.21	--	3366.21
4/29/25	--	--	--	0.00	3366.21	--	3366.21
5/6/25	--	--	--	0.00	3366.21	--	3366.21
5/13/25	--	--	--	0.00	3366.21	--	3366.21
5/20/25	--	--	--	0.00	3366.21	--	3366.21
5/27/25	--	--	--	0.00	3366.21	--	3366.21
6/3/25	--	--	--	0.00	3366.21	--	3366.21
6/10/25	--	--	--	0.00	3366.21	--	3366.21
6/17/25	--	--	--	0.00	3366.21	--	3366.21
6/24/25	--	--	--	0.00	3366.21	--	3366.21
7/1/25	--	--	--	0.00	3366.21	--	3366.21
7/8/25	--	--	--	0.00	3366.21	--	3366.21
7/15/25	--	--	--	0.00	3366.21	--	3366.21
7/22/25	--	--	--	0.00	3366.21	--	3366.21
7/29/25	--	--	--	0.00	3366.21	--	3366.21
8/5/25	--	--	--	0.00	3366.21	--	3366.21
8/12/25	--	--	--	0.00	3366.21	--	3366.21
8/19/25	--	--	--	0.00	3366.21	--	3366.21
8/26/25	--	--	--	0.00	3366.21	--	3366.21
9/2/25	--	--	--	0.00	3366.21	--	3366.21
9/9/25	--	--	--	0.00	3366.21	--	3366.21
9/16/25	--	--	--	0.00	3366.21	--	3366.21
9/23/25	--	--	--	0.00	3366.21	--	3366.21
9/30/25	--	--	--	0.00	3366.21	--	3366.21
10/7/25	--	--	--	0.00	3366.21	--	3366.21
10/14/25	--	--	--	0.00	3366.21	--	3366.21
10/21/25	--	--	--	0.00	3366.21	--	3366.21
10/28/25	--	--	--	0.00	3366.21	--	3366.21
11/4/25	--	--	--	0.00	3366.21	--	3366.21
11/11/25	--	--	--	0.00	3366.21	--	3366.21
11/18/25	--	--	--	0.00	3366.21	--	3366.21
11/25/25	--	--	--	0.00	3366.21	--	3366.21
12/2/25	--	--	--	0.00	3366.21	--	3366.21
12/9/25	--	--	--	0.00	3366.21	--	3366.21
12/16/25	--	--	--	0.00	3366.21	--	3366.21
12/23/25	--	--	--	0.00	3366.21	--	3366.21
12/30/25	--	--	--	0.00	3366.21	--	3366.21

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 595860

CONDITIONS

Operator: HF Sinclair Navajo Refining LLC ATTN: GENERAL COUNSEL Dallas, TX 75201	OGRID: 15694
	Action Number: 595860
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

CONDITIONS

Created By	Condition	Condition Date
joel.stone	These reports fulfill the requirement in Section 2.K. of discharge permit GW-028.	6/26/2026