

WV

TABLES

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TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY

Lat. L-40 Line Drip						
Well ID - MW-5	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
11/1/2018	41.53	41.53	<0.01	<0.01	0.1	manual
5/24/2019	41.62	41.86	0.24	0.02	0.1	manual
11/14/2019	41.39	42.11	0.72	0.26	0.13	manual
5/14/2020	40.55	41.34	0.79	0.34	0.17	manual
8/19/2020	41.55	42.20	0.65	0.18	0.50	manual
11/15/2020	41.54	42.50	0.96	0.15	0.22	manual
3/18/2021	41.45	42.90	1.45	0.34	0.49	manual
5/23/2021	41.63	42.51	0.88	0.16	0.08	manual
8/22/2021	41.63	42.50	0.87	0.18	0.62	manual
11/13/2021	41.73	42.43	0.70	0.14	0.40	manual
			Total:	1.77	2.81	

Notes:

gal = gallons

"LNAPL" = Light non-aqueous phase liquid

LNAPL recovery data for 2003 and previous years documented in previously-submitted reports.

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Lat. L-40 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	09/26/95	121	218	7.4	75.1
MW-1	11/11/96	12000	20400	612	6075
MW-1	03/31/97	11100	24700	702	7440
MW-1	05/09/97	12900	22900	761	7730
MW-1	11/06/00	8.2	<0.5	15	6.9
MW-1	01/02/01	NS	NS	NS	NS
MW-1	06/08/01	NS	NS	NS	NS
MW-1	07/02/01	NS	NS	NS	NS
MW-1	08/03/01	NS	NS	NS	NS
MW-1	09/12/01	NS	NS	NS	NS
MW-1	10/12/01	NS	NS	NS	NS
MW-1	12/13/01	NS	NS	NS	NS
MW-1	03/12/02	NS	NS	NS	NS
MW-1	04/03/02	NS	NS	NS	NS
MW-1	05/20/02	NS	NS	NS	NS
MW-1	06/10/02	NS	NS	NS	NS
MW-1	07/19/02	NS	NS	NS	NS
MW-1	10/11/02	NS	NS	NS	NS
MW-1	05/06/03	NS	NS	NS	NS
MW-1	07/17/03	NS	NS	NS	NS
MW-1	10/13/03	NS	NS	NS	NS
MW-1	04/20/04	NS	NS	NS	NS
MW-1	07/27/04	NS	NS	NS	NS
MW-1	10/26/04	NS	NS	NS	NS
MW-1	04/22/05	NS	NS	NS	NS
MW-1	07/19/05	NS	NS	NS	NS
MW-1	10/21/05	NS	NS	NS	NS
MW-1	01/24/06	NS	NS	NS	NS
MW-1	05/10/06	NS	NS	NS	NS
MW-1	07/26/06	NS	NS	NS	NS
MW-1	10/22/06	NS	NS	NS	NS
MW-1	04/29/07	NS	NS	NS	NS
MW-1	07/31/07	NS	NS	NS	NS
MW-1	10/30/07	NS	NS	NS	NS
MW-1	04/17/08	396	<50	484	2770
MW-1	07/23/08	NS	NS	NS	NS
MW-1	10/09/08	NS	NS	NS	NS
MW-1	04/08/09	387	7.9 J	466	2680
MW-1	06/03/10	272	<50	384	2240

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Lat. L-40 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	09/24/10	NS	NS	NS	NS
MW-1	11/02/10	NS	NS	NS	NS
MW-1	05/03/11	115	4.8	430	2160
MW-1	09/28/11	NS	NS	NS	NS
MW-1	11/02/11	NS	NS	NS	NS
MW-1	05/09/12	302	10.2	404	1830
MW-1	06/09/13	150	13	330	2800
MW-1	09/11/13	160	330	15 J	2600
MW-1	12/14/13	160	15	320	2500
MW-1	04/06/14	150	30 J	400	2900
MW-1	10/26/14	120	9.9 J	350	2000
MW-1	06/01/15	83	12 J	250	1500
MW-1	11/23/15	150	<100	360	2100
MW-1	04/19/16	100	<25	300	1900
MW-1	10/16/16	180	<50	410	2500
MW-1	06/11/17	120	<50	350	2000
MW-1	11/11/17	120	<10	370	2000
MW-1	05/18/18	120	<10	280	1500
MW-1	11/01/18	190	48	150	1200
MW-1	05/24/19	200	18	310	1700
MW-1	11/14/19	110	9.1	160	800
MW-1	05/14/20	110	6.9	130	560
DUP-01(MW-1)	05/14/20	110	6.4	120	520
MW-1	11/15/20	280	31	320	1400
MW-1	05/23/21	170	16	260	1200
MW-1	11/13/21	160	9.9	140	530
MW-2	10/16/16	180	430	17	150
MW-2	06/11/17	2300	21	11	180
MW-2	11/11/17	1900	230	13	280
MW-2	05/18/18	1100	33	<10	<100
MW-2	11/01/18	130	25	<1.0	13
MW-2	05/24/19	<1.0	<1.0	<1.0	<10
MW-2	11/14/19	33	5.6	<1.0	<10
DUP-1(MW-2)*	11/14/19	37	7.1	<1.0	<10
MW-2	05/14/20	<1.0	<1.0	<1.0	<10
MW-2	11/15/20	7.4	<1.0	<1.0	<10
DUP-1(MW-2)*	11/15/20	7.1	<1.0	<1.0	<10
MW-2	05/23/21	<1.0	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Lat. L-40 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
DUP-1(MW-2)*	05/23/21	<1.0	<1.0	<1.0	<10
MW-2	11/13/21	<1.0	<1.0	<1.0	<10
DUP-1(MW-2)*	11/13/21	<1.0	<1.0	<1.0	<10
MW-3	10/16/16	3.4	<5.0	<1.0	<5.0
MW-3	06/11/17	130	<5.0	<1.0	<5.0
MW-3	11/11/17	170	<1.0	<1.0	<10
MW-3	05/18/18	130	23	<1.0	<10
DP-01(MW-3)*	05/18/18	140	30	<1.0	<10
MW-3	11/01/18	<1.0	<1.0	<1.0	<10
MW-3	05/24/19	<1.0	<1.0	<1.0	<10
MW-3	11/14/19	9.3	<1.0	<1.0	<10
MW-3	05/14/20	4.2	<1.0	<1.0	<10
MW-3	11/15/20	2.0	<1.0	<1.0	<10
MW-3	05/23/21	33	<1.0	<1.0	<10
MW-3	11/13/21	<1.0	<1.0	<1.0	<10
MW-4	10/16/16	8.7	15	<1.0	6.1
MW-4	06/11/17	47	6.8	<1.0	<5.0
MW-4	11/11/17	26	<1.0	<1.0	<10
MW-4	05/18/18	11	<1.0	<1.0	<10
MW-4	11/01/18	<1.0	<1.0	<1.0	<10
MW-4	05/24/19	<1.0	<1.0	<1.0	<10
MW-4	11/14/19	8.8	<1.0	<1.0	<10
MW-4	05/14/20	26	<1.0	<1.0	<10
MW-4	11/15/20	<1.0	<1.0	<1.0	<10
MW-4	05/23/21	<1.0	<1.0	<1.0	<10
MW-4	11/13/21	<1.0	<1.0	<1.0	<10
MW-5	10/16/16	750	3000	190	1600
MW-5	06/11/17	2000	230	75	710
MW-5	11/11/17	1100	550	85	820
MW-5	05/18/18	550	53	42	<50
MW-5	11/01/18	1200	370	190	810
DP-01(MW-5)*	11/01/18	1200	270	120	550
MW-5	05/24/19	NS	NS	NS	NS
MW-5	11/14/19	NS	NS	NS	NS
MW-5	05/14/20	NS	NS	NS	NS
MW-5	08/19/20	NS	NS	NS	NS

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Lat. L-40 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-5	11/15/20	NS	NS	NS	NS
MW-5	03/18/21	NS	NS	NS	NS
MW-5	05/23/21	NS	NS	NS	NS
MW-5	08/22/21	NS	NS	NS	NS
MW-5	11/13/21	NS	NS	NS	NS
MW-6	11/01/18	NS	NS	NS	NS
MW-6	05/24/19	<1.0	<1.0	<1.0	<10
MW-6	11/14/19	<1.0	<1.0	<1.0	<10
MW-6	05/14/20	<1.0	<1.0	<1.0	<10
MW-6	11/15/20	<1.0	<1.0	<1.0	<10
MW-6	05/23/21	<1.0	<1.0	<1.0	<10
MW-6	11/13/21	<1.0	<1.0	<1.0	<10
MW-7	11/01/18	<1.0	<1.0	<1.0	<10
MW-7	05/24/19	<1.0	<1.0	<1.0	<10
MW-7	11/14/19	NS	NS	NS	NS
MW-7	05/14/20	NS	NS	NS	NS
MW-7	11/15/20	NS	NS	NS	NS
MW-7	05/23/21	<1.0	<1.0	<1.0	<10
MW-7	11/13/21	NS	NS	NS	NS
MW-8	11/01/18	<1.0	<1.0	<1.0	<10
MW-8	05/24/19	<1.0	<1.0	<1.0	<10
MW-8	11/14/19	NS	NS	NS	NS
MW-8	05/14/20	NS	NS	NS	NS
MW-8	11/15/20	NS	NS	NS	NS
MW-8	05/23/21	<1.0	<1.0	<1.0	<10
MW-8	11/13/21	NS	NS	NS	NS
MW-9	11/01/18	5.6	5.5	<1.0	<10
MW-9	05/24/19	<1.0	<1.0	<1.0	<10
DUP-1(MW-9)*	05/24/19	<1.0	<1.0	<1.0	<10
MW-9	11/14/19	<1.0	<1.0	<1.0	<10
MW-9	05/14/20	<1.0	<1.0	<1.0	<10
MW-9	11/15/20	<1.0	<1.0	<1.0	<10
MW-9	05/23/21	<1.0	<1.0	<1.0	<10
MW-9	11/13/21	<1.0	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER ANALYTICAL RESULTS

Lat. L-40 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-10	11/01/18	<1.0	<1.0	<1.0	<10
MW-10	05/24/19	<1.0	<1.0	<1.0	<10
MW-10	11/14/19	<1.0	<1.0	<1.0	<10
MW-10	05/14/20	<1.0	<1.0	<1.0	<10
MW-10	11/15/20	<1.0	<1.0	<1.0	<10
MW-10	05/23/21	<1.0	<1.0	<1.0	<10
MW-10	11/13/21	<1.0	<1.0	<1.0	<10

Notes:

The monitoring dates where no groundwater samples were collected and analyzed have been omitted.

"µg/L" = micrograms per liter

Results highlighted yellow exceed their respective New Mexico Water Quality Control Commission (NMWQCC) standards.

"J" = Result is less than the reporting limit but greater than or equal to the method detection limit and the result is an approximate value.

"<" = analyte was not detected at the indicated reporting limit (some historic data were reported at the detection limit).

*Field Duplicate results presented immediately below primary sample results

TABLE 3 - GROUNDWATER ELEVATION TABLE

Lat. L-40 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	09/26/95	7259.57	NR	36.68		7222.89
MW-1	11/11/96	7259.57	36.16	36.62	0.46	7223.30
MW-1	03/31/97	7259.57	36.18	36.68	0.50	7223.27
MW-1	05/09/97	7259.57	36.45	36.57	0.12	7223.09
MW-1	11/06/00	7259.57	NR	35.06		7224.51
MW-1	01/02/01	7259.57	37.95	39.08	1.13	7221.34
MW-1	06/08/01	7259.57	37.89	39.00	1.11	7221.40
MW-1	07/02/01	7259.57	37.93	39.14	1.21	7221.34
MW-1	08/03/01	7259.57	37.83	39.10	1.27	7221.42
MW-1	09/12/01	7259.57	38.02	38.96	0.94	7221.32
MW-1	10/12/01	7259.57	38.19	38.43	0.24	7221.32
MW-1	12/13/01	7259.57	38.40	38.75	0.35	7221.08
MW-1	03/12/02	7259.57	38.42	38.76	0.34	7221.07
MW-1	04/03/02	7259.57	38.39	38.66	0.27	7221.11
MW-1	05/20/02	7259.57	38.46	38.56	0.10	7221.09
MW-1	06/10/02	7259.57	38.51	38.56	0.05	7221.05
MW-1	07/19/02	7259.57	NR	38.64		7220.93
MW-1	10/11/02	7259.57	38.84	38.87	0.03	7220.72
MW-1	05/06/03	7259.57	37.94	37.97	0.03	7221.62
MW-1	07/17/03	7259.57	ND	38.95		7220.62
MW-1	10/13/03	7259.57	ND	39.06		7220.51
MW-1	04/20/04	7259.57	ND	39.18		7220.39
MW-1	07/27/04	7259.57	ND	39.22		7220.35
MW-1	10/26/04	7259.57	ND	39.35		7220.22
MW-1	04/22/05	7259.57	ND	39.52		7220.05
MW-1	07/19/05	7259.57	ND	39.34		7220.23
MW-1	10/21/05	7259.57	ND	39.57		7220.00
MW-1	01/24/06	7259.57	ND	38.67		7220.90
MW-1	05/10/06	7259.57	ND	38.72		7220.85
MW-1	07/26/06	7259.57	ND	38.72		7220.85
MW-1	10/22/06	7259.57	ND	38.91		7220.66
MW-1	04/29/07	7259.57	ND	38.92		7220.65
MW-1	07/31/07	7259.57	ND	38.85		7220.72
MW-1	10/30/07	7259.57	ND	38.79		7220.78
MW-1	04/17/08	7259.57	ND	38.98		7220.59
MW-1	07/23/08	7259.57	ND	38.99		7220.58
MW-1	10/09/08	7259.57	ND	38.95		7220.62
MW-1	04/08/09	7259.57	ND	39.04		7220.53
MW-1	06/03/10	7259.57	ND	39.40		7220.17
MW-1	09/24/10	7259.57	ND	39.45		7220.12

TABLE 3 - GROUNDWATER ELEVATION TABLE

Lat. L-40 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	11/02/10	7259.57	ND	39.47		7220.10
MW-1	05/03/11	7259.57	ND	39.55		7220.02
MW-1	09/28/11	7259.57	ND	39.63		7219.94
MW-1	11/02/11	7259.57	ND	39.73		7219.84
MW-1	05/09/12	7259.57	ND	39.73		7219.84
MW-1	06/09/13	7259.57	ND	37.97		7221.60
MW-1	09/11/13	7259.57	ND	38.86		7220.71
MW-1	12/14/13	7259.57	ND	40.09		7219.48
MW-1	04/06/14	7259.57	ND	40.09		7219.48
MW-1	10/26/14	7259.57	ND	40.22		7219.35
MW-1	06/01/15	7259.57	ND	46.45		7213.12
MW-1	11/23/15	7259.57	ND	42.13		7217.44
MW-1	04/19/16	7259.57	ND	40.59		7218.98
MW-1	10/16/16	7259.57	ND	40.71		7218.86
MW-1	06/11/17	7259.57	ND	40.73		7218.84
MW-1	11/11/17	7259.57	ND	40.85		7218.72
MW-1	05/18/18	7259.57	ND	40.90		7218.67
MW-1	11/01/18	7259.57	ND	40.99		7218.58
MW-1	05/24/19	7259.57	ND	41.18		7218.39
MW-1	11/14/19	7259.57	ND	41.23		7218.34
MW-1	05/14/20	7259.57	ND	41.22		7218.35
MW-1	11/15/20	7259.57	ND	41.31		7218.26
MW-1	05/23/21	7259.57	ND	41.37		7218.20
MW-1	11/13/21	7259.57	ND	41.40		7218.17
MW-2	10/16/16	7259.65	ND	40.65		7219.00
MW-2	06/11/17	7259.65	ND	40.71		7218.94
MW-2	11/11/17	7259.65	ND	40.81		7218.84
MW-2	05/18/18	7259.65	ND	40.84		7218.81
MW-2	11/01/18	7259.65	ND	41.00		7218.65
MW-2	05/24/19	7259.65	ND	41.08		7218.57
MW-2	11/14/19	7259.65	ND	41.13		7218.52
MW-2	05/14/20	7259.65	NA	41.16		7218.49
MW-2	11/15/20	7259.65	NA	41.27		7218.38
MW-2	05/23/21	7259.65	NA	41.33		7218.32
MW-2	11/13/21	7259.65	NA	41.39		7218.26

TABLE 3 - GROUNDWATER ELEVATION TABLE

Lat. L-40 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	10/16/16	7259.10	ND	40.21		7218.89
MW-3	06/11/17	7259.10	ND	40.29		7218.81
MW-3	11/11/17	7259.10	ND	40.36		7218.74
MW-3	05/18/18	7259.10	ND	40.52		7218.58
MW-3	11/01/18	7259.10	ND	40.53		7218.57
MW-3	05/24/19	7259.10	ND	40.69		7218.41
MW-3	11/14/19	7259.10	ND	40.71		7218.39
MW-3	05/14/20	7259.10	ND	40.74		7218.36
MW-3	11/15/20	7259.10	ND	40.89		7218.21
MW-3	05/23/21	7259.10	ND	40.95		7218.15
MW-3	11/13/21	7259.10	ND	40.96		7218.14
MW-4	10/16/16	7261.59	ND	42.80		7218.79
MW-4	06/11/17	7261.59	ND	42.69		7218.90
MW-4	11/11/17	7261.59	ND	42.77		7218.82
MW-4	05/18/18	7261.59	ND	42.81		7218.78
MW-4	11/01/18	7261.59	ND	42.94		7218.65
MW-4	05/24/19	7261.59	ND	43.03		7218.56
MW-4	11/14/19	7261.59	ND	43.07		7218.52
MW-4	05/14/20	7261.59	ND	43.13		7218.46
MW-4	11/15/20	7261.59	ND	43.24		7218.35
MW-4	05/23/21	7261.59	ND	43.32		7218.27
MW-4	11/13/21	7261.59	ND	43.35		7218.24
MW-5	10/16/16	7260.08	ND	41.23		7218.85
MW-5	06/11/17	7260.08	ND	41.33		7218.75
MW-5	11/11/17	7260.08	ND	41.40		7218.68
MW-5	05/18/18	7260.08	ND	41.41		7218.67
MW-5	11/01/18	7260.08	ND	41.53		7218.55
MW-5	05/24/19	7260.08	41.62	41.86	0.24	7218.40
MW-5	11/14/19	7260.08	41.39	42.11	0.72	7218.51
MW-5	05/14/20	7260.08	40.55	41.34	0.79	7219.33
MW-5	08/19/20	7260.08	41.55	42.20	0.65	7218.36
MW-5	11/15/20	7260.08	41.54	42.50	0.96	7218.30
MW-5	03/18/21	7260.08	41.45	42.90	1.45	7218.26
MW-5	05/23/21	7260.08	41.63	42.51	0.88	7218.23
MW-5	08/22/21	7260.08	41.63	42.50	0.87	7218.23
MW-5	11/13/21	7260.08	41.73	42.43	0.70	7218.17

TABLE 3 - GROUNDWATER ELEVATION TABLE

Lat. L-40 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	11/01/18	7261.87	ND	Dry		Dry
MW-6	05/24/19	7261.87	ND	43.90		7217.97
MW-6	11/14/19	7261.87	ND	43.06		7218.81
MW-6	05/14/20	7261.87	ND	42.85		7219.02
MW-6	11/15/20	7261.87	ND	43.84		7218.03
MW-6	05/23/21	7261.87	ND	42.95		7218.92
MW-6	11/13/21	7261.87	ND	43.15		7218.72
MW-7	11/01/18	7259.41	ND	40.62		7218.79
MW-7	05/24/19	7259.41	ND	40.75		7218.66
MW-7	11/14/19	7259.41	ND	40.74		7218.67
MW-7	05/14/20	7259.41	ND	40.81		7218.60
MW-7	11/15/20	7259.41	ND	40.90		7218.51
MW-7	05/23/21	7259.41	ND	41.02		7218.39
MW-7	11/13/21	7259.41	ND	41.03		7218.38
MW-8	11/01/18	7258.82	ND	40.25		7218.57
MW-8	05/24/19	7258.82	ND	40.41		7218.41
MW-8	11/14/19	7258.82	ND	40.41		7218.41
MW-8	05/14/20	7258.82	ND	40.46		7218.36
MW-8	11/15/20	7258.82	ND	40.60		7218.22
MW-8	05/23/21	7258.82	ND	40.63		7218.19
MW-8	11/13/21	7258.82	ND	40.66		7218.16
MW-9	11/01/18	7258.82	ND	40.35		7218.47
MW-9	05/24/19	7258.82	ND	40.51		7218.31
MW-9	11/14/19	7258.82	ND	40.50		7218.32
MW-9	05/14/20	7258.82	ND	40.55		7218.27
MW-9	11/15/20	7258.82	ND	40.72		7218.10
MW-9	05/23/21	7258.82	ND	40.73		7218.09
MW-9	11/13/21	7258.82	ND	40.76		7218.06
MW-10	11/01/18	7260.89	ND	42.29		7218.60
MW-10	05/24/19	7260.89	ND	42.49		7218.40
MW-10	11/14/19	7260.89	ND	42.48		7218.41
MW-10	05/14/20	7260.89	ND	42.50		7218.39
MW-10	11/15/20	7260.89	ND	42.64		7218.25
MW-10	05/23/21	7260.89	ND	42.69		7218.20
MW-10	11/13/21	7260.89	ND	42.73		7218.16

TABLE 3 - GROUNDWATER ELEVATION TABLE

Lat. L-40 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
SVE-1	11/14/19	7259.61	ND	32.02		7227.59
SVE-1	05/14/20	7259.61	ND	32.01		7227.60
SVE-1	11/15/20	7259.61	ND	32.01		7227.60
SVE-1	05/23/21	7259.61	ND	32.00		7227.61
SVE-1	11/13/21	7259.61	ND	31.98		7227.63
SVE-2	11/14/19	7259.82	ND	24.64		7235.18
SVE-2	05/14/20	7259.82	ND	24.61		7235.21
SVE-2	11/15/20	7259.82	ND	24.60		7235.22
SVE-2	05/23/21	7259.82	ND	24.59		7235.23
SVE-2	11/13/21	7259.82	ND	Dry		---
SVE-3	11/14/19	7259.89	ND	25.21		7234.68
SVE-3	05/14/20	7259.89	ND	25.15		7234.74
SVE-3	11/15/20	7259.89	ND	25.14		7234.75
SVE-3	05/23/21	7259.89	ND	25.11		7234.78
SVE-3	11/13/21	7259.89	ND	25.09		7234.80

Notes:

"ft" = feet

"TOC" = Top of casing

"LNAPL" = Light non-aqueous phase liquid

"ND" = LNAPL not detected

"NR" = LNAPL not recorded

Groundwater elevation = TOC elevation (ft) - (Depth to Water [ft] - [LNAPL thickness [ft] x 0.75]). A specific gravity of 0.75 is within the range of gas condensate

(<https://www.sciencedirect.com/topics/earth-and-planetary-sciences/gas-condensate>)

FIGURES

FIGURE 1: SITE LOCATION

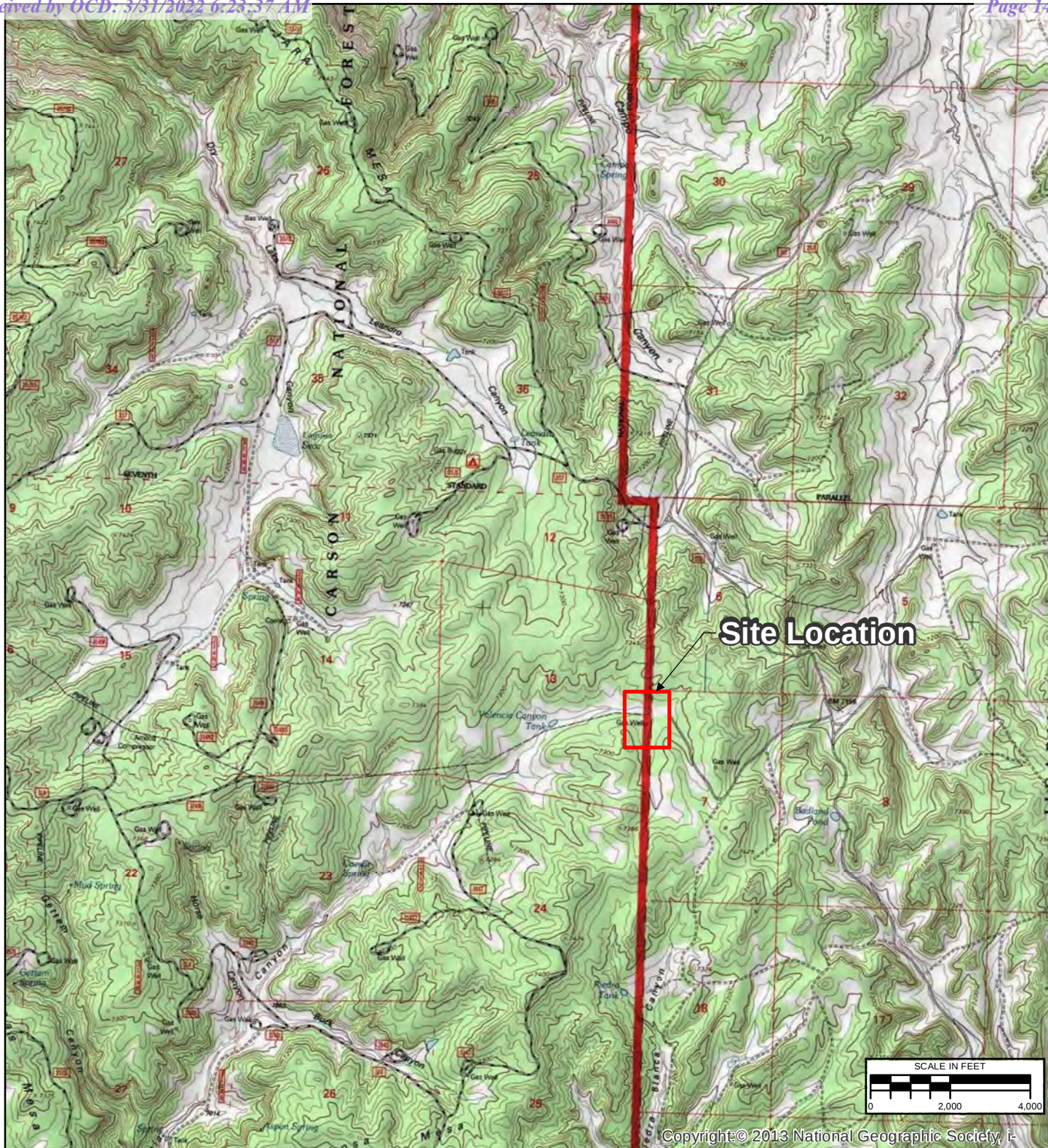
FIGURE 2: SITE PLAN

FIGURE 3: GROUNDWATER ANALYTICAL RESULTS - MAY 23, 2021

FIGURE 4: GROUNDWATER ELEVATION MAP - MAY 23, 2021

FIGURE 5: GROUNDWATER ANALYTICAL RESULTS - NOVEMBER 13, 2021

FIGURE 6: GROUNDWATER ELEVATION MAP - NOVEMBER 13, 2021

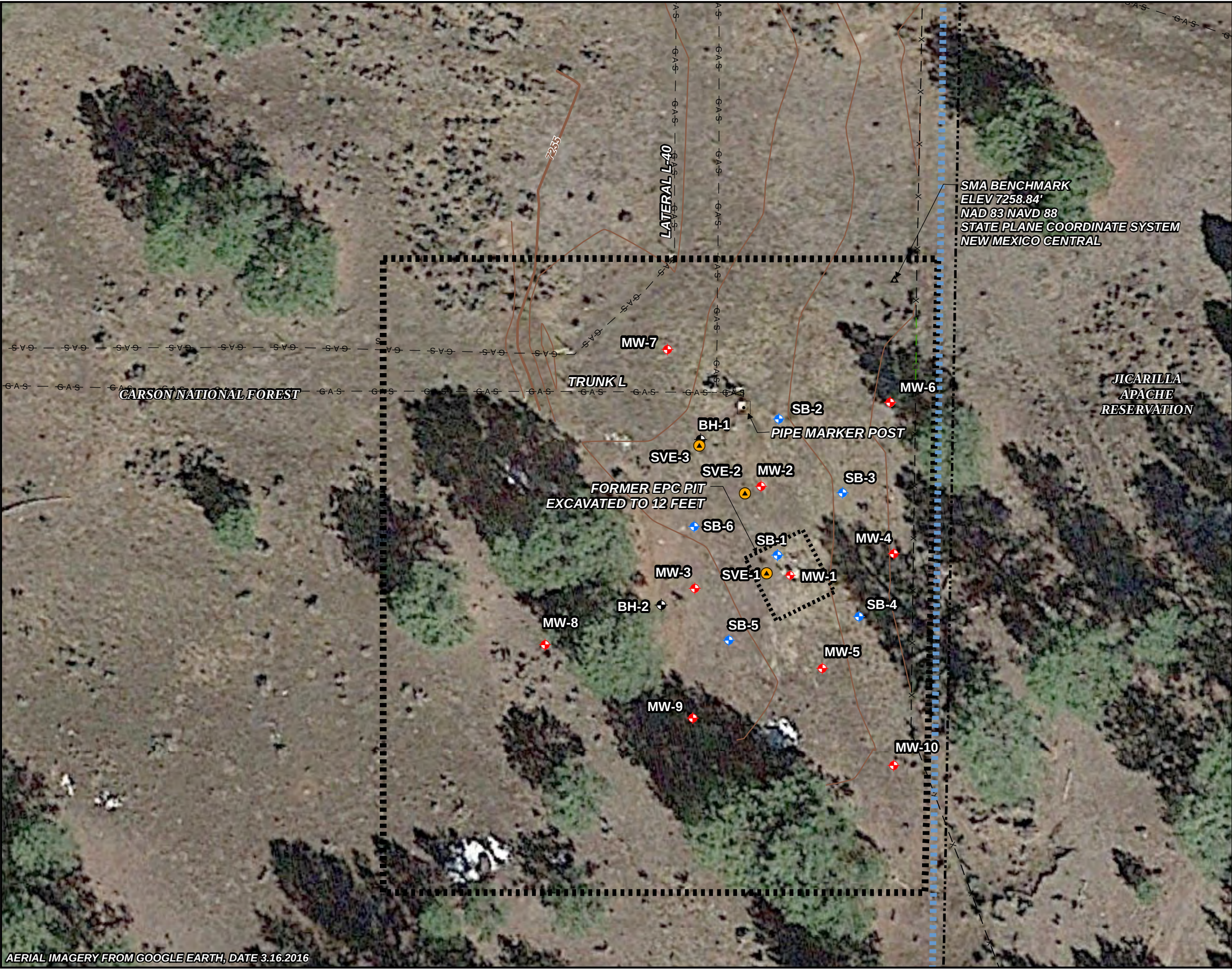


National Geographic, Esri,
Garmin, HERE, UNEP-
WCMC, USGS, NASA,

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/17/2021	SAH	SAH	SRV

TITLE SITE LOCATION		
PROJECT LAT L-40 SAN JUAN RIVER BASIN RIO ARRIBA COUNTY, NEW MEXICO	FIGURE 1	

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW\ MXDs\LAT L-40\2019 MAPS\LAT_L40_SITEMAP_2019.mxd



\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW\MXDs\LAT L-40\2021 MAPS\LAT_L40_GARM_1SA_2021.mxd



AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/16/2016

LEGEND:

- 7259 APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- GAS — NATURAL GAS LINE
- X- FENCE
- GATE
- FORMER PIT
- CARSON NATIONAL FOREST AND JICARILLA APACHE NATION LAND BOUNDARY
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- SMA BENCHMARK
- GAS LINE VALVE

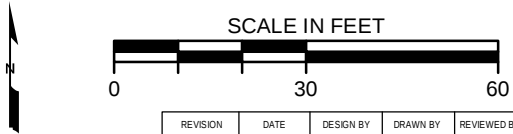
NOTES:

DUP = FIELD DUPLICATE SAMPLE

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
µg/L = MICROGRAMS PER LITER
<10 = BELOW METHOD REPORTING LIMIT
NS = NOT SAMPLED

ANALYTE	NMWQCC STANDARDS
B = Benzene	10 µg/L
T = Toluene	750 µg/L
E = Ethylbenzene	750 µg/L
X = Total Xylenes	620 µg/L



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	9/15/2021	SAH	SAH	SRV

TITLE:
*GROUNDWATER ANALYTICAL RESULTS
MAY 23, 2021*

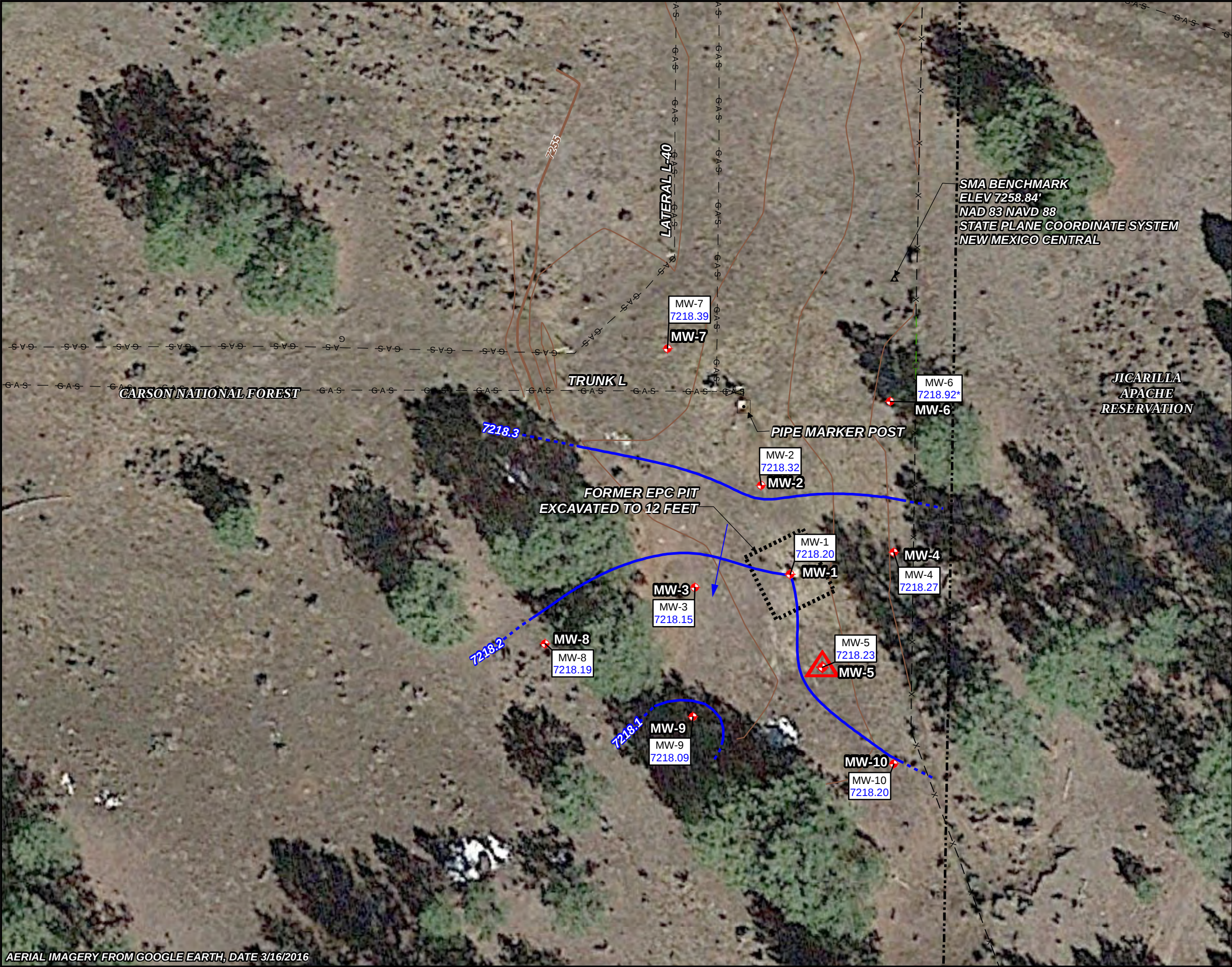
PROJECT: *LAT L-40
SAN JUAN RIVER BASIN
RIO ARriba COUNTY, NEW MEXICO*



Figure No.:

3

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW\MXDs\LAT L-40\2021 MAPS\LAT_L40_GECM_1SA_2021.mxd



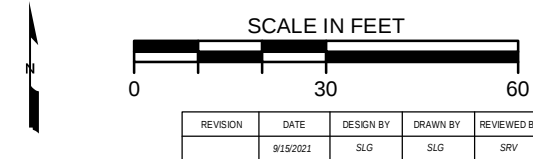
AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/16/2016

LEGEND:

- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- NATURAL GAS LINE
- FENCE
- GATE
- FORMER PIT
- CARSON NATIONAL FOREST AND JICARILLA APACHE NATION LAND BOUNDARY
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- SMA BENCHMARK
- GAS LINE VALVE

NOTES:

- GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL
- CORRECTED WATER ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL).
- DIRECTION OF APPARENT GROUNDWATER FLOW
- GROUNDWATER ELEVATION APPEARS ANOMALOUS AND WAS NOT USED TO PREPARE CONTOURING GROUNDWATER ELEVATION.



TITLE: GROUNDWATER ELEVATION MAP MAY 23, 2021					
PROJECT: LAT L-40 SAN JUAN RIVER BASIN RIO ARriba COUNTY, NEW MEXICO					
Stantec				Figure No.: 4	
REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY	
	9/15/2021	SLG	SLG	SRV	

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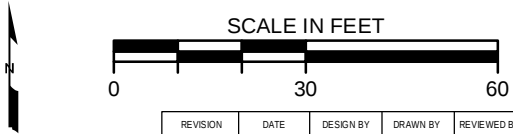
LEGEND:

- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- NATURAL GAS LINE
- FENCE
- GATE
- FORMER PIT
- CARSON NATIONAL FOREST AND JICARILLA APACHE NATION LAND BOUNDARY
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- SMA BENCHMARK
- GAS LINE VALVE

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µg/L = MICROGRAMS PER LITER
<10 = BELOW METHOD REPORTING LIMIT
NS = NOT SAMPLED

ANALYTE	NMWQCC STANDARDS
B = Benzene	10 µg/L
T = Toluene	750 µg/L
E = Ethylbenzene	750 µg/L
X = Total Xylenes	620 µg/L



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2022-01-27	SAH	SAH	SRV

TITLE:
GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 13, 2021

PROJECT: **LAT L-40**
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

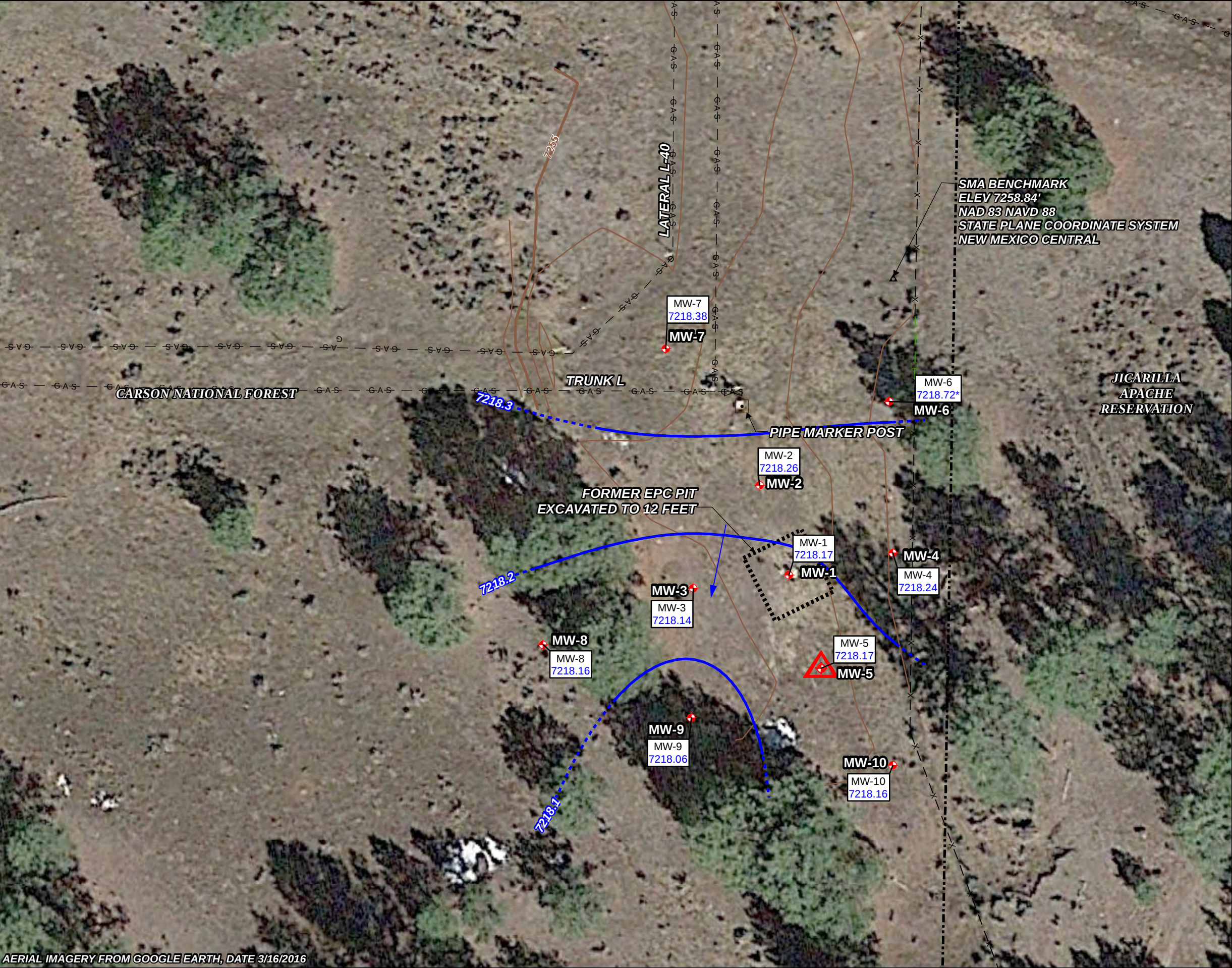


Figure No.:

5

AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/16/2016

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AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/16/2016

LEGEND:

- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- NATURAL GAS LINE
- FENCE
- GATE
- FORMER PIT
- CARSON NATIONAL FOREST AND JICARILLA APACHE NATION LAND BOUNDARY
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
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- GAS LINE VALVE

NOTES:

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- CORRECTED WATER ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL).
- DIRECTION OF APPARENT GROUNDWATER FLOW
- GROUNDWATER ELEVATION APPEARS ANOMALOUS AND WAS NOT USED TO PREPARE CONTOURING GROUNDWATER ELEVATION.

SCALE IN FEET

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2022-01-27	SLG	SLG	SRV

TITLE:
*GROUNDWATER ELEVATION MAP
NOVEMBER 13, 2021*

PROJECT: *LAT L-40
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO*



Figure No.:
6

APPENDICES

APPENDIX A – NMOCD NOTIFICATION OF SITE ACTIVITIES

APPENDIX B – WASTEWATER DISPOSAL DOCUMENTATION

APPENDIX C – GROUNDWATER SAMPLING ANALYTICAL REPORTS

APPENDIX A

From: [Varsa, Steve](#)
To: [Smith, Cory, EMNRD](#)
Cc: [Griswold, Jim, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming product recovery activities
Date: Thursday, March 11, 2021 10:49:41 AM

Hi Cory -

This correspondence is to provide notice to the NMOCD of upcoming product recovery activities at the following El Paso CGP Company (EPCGP) project sites:

Site Name	Incident Number	Case Number	Date
Canada Mesa #2	Unknown	3RP-155-0	03/18/2021
Fields A#7A	Unknown	3RP-170-0	03/17/2021
Fogelson 4-1	Unknown	3RP-068-0	03/17/2021
Gallegos Canyon Unit #124E	NAUTOFAB000205	3RP-407-0	03/17/2021
James F. Bell #1E	Unknown	3RP-196-0	03/17/2021
Johnston Fed #4	Unknown	3RP-201-0	03/18/2021
Johnston Fed #6A	Unknown	3RP-202-0	03/18/2021
K27 LDO72	Unknown	3RP-204-0	03/18/2021
Knight #1	Unknown	3RP-207-0	03/17/2021
Lateral L 40 Line Drip	Unknown	3RP-212-0	03/18/2021
State Gas Com N #1	Unknown	3RP-239-0	03/17/2021

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you,
Steve

Stephen Varsa, P.G.
Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

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From: [Varsa, Steve](#)
To: [Smith, Cory, EMNRD](#)
Cc: [Griswold, Jim, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Wednesday, May 12, 2021 2:45:52 PM

Hi Cory -

This correspondence is to provide notice to the NMOCD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	05/19/2021
Fields A#7A	nAUTOfAB000176	05/22/2021
Fogelson 4-1	nAUTOfAB000192	05/22/2021
Gallegos Canyon Unit #124E	nAUTOfAB000205	05/21/2021
GCU Com A #142E	nAUTOfAB000219	05/21/2021
James F. Bell #1E	nAUTOfAB000291	05/23/2021
Johnston Fed #4	nAUTOfAB000305	05/18/2021
Johnston Fed #6A	nAUTOfAB000309	05/18/2021
K27 LDO72	nAUTOfAB000316	05/19/2021
Knight #1	nAUTOfAB000324	05/21/2021
Lateral L 40 Line Drip	nAUTOfAB000335	05/23/2021
Miles Fed #1A	nAUTOfAB000391	05/19/2021
Sandoval GC A #1A	nAUTOfAB000635	05/18/2021
Standard Oil Com #1	nAUTOfAB000666	05/19/2021
State Gas Com N #1	nAUTOfAB000668	05/22/2021

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you,
Steve

Stephen Varsa, P.G.
Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
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From: [Varsa, Steve](#)
To: [Smith, Cory, EMNRD](#)
Cc: [Griswold, Jim, EMNRD](#); [Wiley, Joe](#)
Bcc: [Varsa, Steve](#)
Subject: El Paso CGP Company - Notice of upcoming free product recovery activities
Date: Thursday, August 19, 2021 8:01:00 AM

Hi Cory -

This correspondence is to provide notice to the NMOCD of upcoming quarterly product recovery activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Fields A#7A	nAUTOfAB000176	08/22/2021
Gallegos Canyon Unit #124E	nAUTOfAB000205	08/23/2021
Johnston Fed #4	nAUTOfAB000305	08/22/2021
K27 LDO72	nAUTOfAB000316	08/23/2021
Knight #1	nAUTOfAB000324	08/23/2021
Lateral L 40 Line Drip	nAUTOfAB000335	08/22/2021

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you,
Steve

Stephen Varsa, P.G.
Senior Hydrogeologist
Stantec Environmental Services
Note – we have moved!
11311 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

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From: [Varsa, Steve](#)
To: [Smith, Cory, EMNRD](#)
Cc: [Griswold, Jim, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Wednesday, November 03, 2021 10:14:55 AM

Hi Cory -

This correspondence is to provide notice to the NMOCD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	11/11/2021
Fields A#7A	nAUTOfAB000176	11/14/2021
Fogelson 4-1	nAUTOfAB000192	11/14/2021
Gallegos Canyon Unit #124E	nAUTOfAB000205	11/12/2021
GCU Com A #142E	nAUTOfAB000219	11/12/2021
James F. Bell #1E	nAUTOfAB000291	11/13/2021
Johnston Fed #4	nAUTOfAB000305	11/15/2021
Johnston Fed #6A	nAUTOfAB000309	11/15/2021
K27 LDO72	nAUTOfAB000316	11/11/2021
Knight #1	nAUTOfAB000324	11/12/2021
Lateral L 40 Line Drip	nAUTOfAB000335	11/13/2021
Miles Fed #1A	nAUTOfAB000391	11/11/2021
Sandoval GC A #1A	nAUTOfAB000635	11/15/2021
Standard Oil Com #1	nAUTOfAB000666	11/11/2021
State Gas Com N #1	nAUTOfAB000668	11/14/2021

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you,
Steve

Stephen Varsa, P.G.
Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
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APPENDIX B

BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-632-8936 or 505-334-3013

OPEN 24 Hours per Day

DATE

GENERATOR:

HAULING CO.

ORDERED BY:

WASTE DESCRIPTION: ☒ Exempt Oilfield WasteSTATE: ☒ NM ☐ CO ☐ AZ ☐ UTTREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO. 806752

NMOCD PERMIT: NM -001-0005

Oil Field Waste Document, Form C138

INVOICE:

DEL. TKT#.

BILL TO:

DRIVER:

(Print Full Name)

CODES:

NO.	TRUCK	LOCATION(S)	VOLUME	COST	H2S	COST	TOTAL	TIME
1		Camada Mesa #12	3	70			72 ¹⁵	
2		K-27 LDO72						21 MAR 18 6:22 PM
3		Johnson Fed #14						
4		Johnson Fed #16A						
5		Lat L40						

Page 28 of 85

Received by OCD: 3/31/2022 6:23:37 AM

DATE 3-23-21
GENERATOR: El Paso CGO Company L.L.C.
HAULING CO. Oil Conservation Division
ORDERED BY: _____

DEL. TKT#: _____
BILL TO: _____
DRIVER: _____
(Print Full Name)
CODES: _____

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☐ Produced Water ☐ Drilling/Completion Fluids
STATE: ☒ NM ☐ CO ☐ AZ ☐ UT
TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	COST	H2S	COST	TOTAL	TIME
1	<i>7</i>	<i>Fiddls A #7A</i>						
2		<i>State Gas Com N #1</i>						
3		<i>Fogelson 4-1</i>						
4		<i>Lat L 40</i>						
5		<i>James F. Bell #1E</i>	<i>1</i>	<i>70</i>			<i>21 NOV 23 4:31</i> <i>80.70</i>	

I, *Sam H. Clay*, representative or authorized agent for _____ do hereby
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the
above described waste is: RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non -exempt waste.

☒ Approved ☐ Denied ATTENDANT SIGNATURE *[Signature]*

Released to Imaging: 3/1/2023 7:43:59 AM

BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-632-8936 or 505-334-3013

OPEN 24 Hours per Day

DATE 8-25-21GENERATOR: El Paso CGPHAULING CO.: San StanderORDERED BY: JOR W.NO. 813739

NMOC D PERMIT: NM-001-0005

Oil Field Waste Document, Form C138

INVOICE:

DEL. TKT#.

BILL TO: El Paso CGPDRIVER: Saviah

(Print Full Name)

CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste☐ Produced Water☐ Drilling/Completion FluidsSTATE: ☒ NM ☐ CO ☐ AZ ☐ UTTREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	COST	H2S	COST	TOTAL	TIME
1		Field's A 7A	1	70				
2		Johnston Fed #4	1					
3		Lat. L 4C	1				2.10	
4								
5								

BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413

505-632-8936 or 505-334-3013

OPEN 24 Hours per Day

NO. 817538

NMOC D PERMIT: NM-001-0005

Oil Field Waste Document, Form C138

INVOICE:

DATE

GENERATOR:

HAULING CO.

ORDERED BY:

WASTE DESCRIPTION:

☒ Exempt Oilfield Waste

STATE:

☒ NM

☐ CO

☐ AZ

☐ UT

☐ Produced Water

☐ Drilling/Completion Fluids

TREATMENT/DISPOSAL METHODS:

☒ EVAPORATION

☒ INJECTION

☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	COST	H2S	COST	TOTAL	TIME
1		Knights	1	70			70	11/13/21 5:23 PM
2		Gallegos Canyon unit 124E						
3		GCV COMA #142 E						
4		Lateral 12-90						
5		James F. Bell #1E						

I, [Signature] representative or authorized agent for _____ do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☒ Approved

☐ Denied

ATTENDANT SIGNATURE [Signature]

SAN JUAN PRINTING 2020 1973-1

APPENDIX C



Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-203815-1
Client Project/Site: Lat L 40.00

For:

Stantec Consulting Services Inc
11153 Aurora Avenue
Des Moines, Iowa 50322-7904

Attn: Steve Varsa

Authorized for release by:
5/31/2021 1:03:46 PM

Marty Edwards, Client Service Manager
(850)471-6227
Marty.Edwards@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Laboratory Job ID: 400-203815-1

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Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Job ID: 400-203815-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative 400-203815-1

Comments

No additional comments.

Receipt

The samples were received on 5/25/2021 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.2° C.

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-1 (400-203815-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: TB-01

Lab Sample ID: 400-203815-1

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-203815-2

No Detections.

Client Sample ID: MW-1

Lab Sample ID: 400-203815-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	170		2.0	ug/L	2		8260C	Total/NA
Toluene	16		2.0	ug/L	2		8260C	Total/NA
Ethylbenzene	260		2.0	ug/L	2		8260C	Total/NA
Xylenes, Total - DL	1200		50	ug/L	5		8260C	Total/NA

Client Sample ID: MW-2

Lab Sample ID: 400-203815-4

No Detections.

Client Sample ID: MW-3

Lab Sample ID: 400-203815-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	33		1.0	ug/L	1		8260C	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 400-203815-6

No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-203815-7

No Detections.

Client Sample ID: MW-7

Lab Sample ID: 400-203815-8

No Detections.

Client Sample ID: MW-8

Lab Sample ID: 400-203815-9

No Detections.

Client Sample ID: MW-9

Lab Sample ID: 400-203815-10

No Detections.

Client Sample ID: MW-10

Lab Sample ID: 400-203815-11

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-203815-1	TB-01	Water	05/23/21 07:00	05/25/21 09:35	
400-203815-2	DUP-01	Water	05/23/21 10:45	05/25/21 09:35	
400-203815-3	MW-1	Water	05/23/21 09:54	05/25/21 09:35	
400-203815-4	MW-2	Water	05/23/21 09:45	05/25/21 09:35	
400-203815-5	MW-3	Water	05/23/21 09:58	05/25/21 09:35	
400-203815-6	MW-4	Water	05/23/21 10:03	05/25/21 09:35	
400-203815-7	MW-6	Water	05/23/21 10:10	05/25/21 09:35	
400-203815-8	MW-7	Water	05/23/21 10:16	05/25/21 09:35	
400-203815-9	MW-8	Water	05/23/21 10:25	05/25/21 09:35	
400-203815-10	MW-9	Water	05/23/21 10:34	05/25/21 09:35	
400-203815-11	MW-10	Water	05/23/21 10:42	05/25/21 09:35	

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: TB-01

Lab Sample ID: 400-203815-1

Date Collected: 05/23/21 07:00

Matrix: Water

Date Received: 05/25/21 09:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/27/21 02:52	1
Toluene	<1.0		1.0	ug/L			05/27/21 02:52	1
Ethylbenzene	<1.0		1.0	ug/L			05/27/21 02:52	1
Xylenes, Total	<10		10	ug/L			05/27/21 02:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		78 - 118		05/27/21 02:52	1
Dibromofluoromethane	96		81 - 121		05/27/21 02:52	1
Toluene-d8 (Surr)	99		80 - 120		05/27/21 02:52	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: DUP-01

Lab Sample ID: 400-203815-2

Date Collected: 05/23/21 10:45

Matrix: Water

Date Received: 05/25/21 09:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/27/21 03:16	1
Toluene	<1.0		1.0	ug/L			05/27/21 03:16	1
Ethylbenzene	<1.0		1.0	ug/L			05/27/21 03:16	1
Xylenes, Total	<10		10	ug/L			05/27/21 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		78 - 118		05/27/21 03:16	1
Dibromofluoromethane	92		81 - 121		05/27/21 03:16	1
Toluene-d8 (Surr)	104		80 - 120		05/27/21 03:16	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: MW-1

Lab Sample ID: 400-203815-3

Date Collected: 05/23/21 09:54

Matrix: Water

Date Received: 05/25/21 09:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	170		2.0	ug/L			05/28/21 11:13	2
Toluene	16		2.0	ug/L			05/28/21 11:13	2
Ethylbenzene	260		2.0	ug/L			05/28/21 11:13	2
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		78 - 118				05/28/21 11:13	2
Dibromofluoromethane	100		81 - 121				05/28/21 11:13	2
Toluene-d8 (Surr)	113		80 - 120				05/28/21 11:13	2

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	1200		50	ug/L			05/29/21 18:03	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		78 - 118				05/29/21 18:03	5
Dibromofluoromethane	103		81 - 121				05/29/21 18:03	5
Toluene-d8 (Surr)	93		80 - 120				05/29/21 18:03	5

Eurofins TestAmerica, Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: MW-2

Lab Sample ID: 400-203815-4

Date Collected: 05/23/21 09:45

Matrix: Water

Date Received: 05/25/21 09:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/28/21 09:30	1
Toluene	<1.0		1.0	ug/L			05/28/21 09:30	1
Ethylbenzene	<1.0		1.0	ug/L			05/28/21 09:30	1
Xylenes, Total	<10		10	ug/L			05/28/21 09:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		78 - 118		05/28/21 09:30	1
Dibromofluoromethane	106		81 - 121		05/28/21 09:30	1
Toluene-d8 (Surr)	101		80 - 120		05/28/21 09:30	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: MW-3

Lab Sample ID: 400-203815-5

Date Collected: 05/23/21 09:58

Matrix: Water

Date Received: 05/25/21 09:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	33		1.0	ug/L			05/28/21 09:56	1
Toluene	<1.0		1.0	ug/L			05/28/21 09:56	1
Ethylbenzene	<1.0		1.0	ug/L			05/28/21 09:56	1
Xylenes, Total	<10		10	ug/L			05/28/21 09:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		78 - 118				05/28/21 09:56	1
Dibromofluoromethane	106		81 - 121				05/28/21 09:56	1
Toluene-d8 (Surr)	101		80 - 120				05/28/21 09:56	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: MW-4

Lab Sample ID: 400-203815-6

Date Collected: 05/23/21 10:03

Matrix: Water

Date Received: 05/25/21 09:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/28/21 10:22	1
Toluene	<1.0		1.0	ug/L			05/28/21 10:22	1
Ethylbenzene	<1.0		1.0	ug/L			05/28/21 10:22	1
Xylenes, Total	<10		10	ug/L			05/28/21 10:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		78 - 118				05/28/21 10:22	1
Dibromofluoromethane	108		81 - 121				05/28/21 10:22	1
Toluene-d8 (Surr)	102		80 - 120				05/28/21 10:22	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: MW-6

Lab Sample ID: 400-203815-7

Date Collected: 05/23/21 10:10

Matrix: Water

Date Received: 05/25/21 09:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/28/21 12:58	1
Toluene	<1.0		1.0	ug/L			05/28/21 12:58	1
Ethylbenzene	<1.0		1.0	ug/L			05/28/21 12:58	1
Xylenes, Total	<10		10	ug/L			05/28/21 12:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		78 - 118		05/28/21 12:58	1
Dibromofluoromethane	107		81 - 121		05/28/21 12:58	1
Toluene-d8 (Surr)	100		80 - 120		05/28/21 12:58	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: MW-7

Lab Sample ID: 400-203815-8

Date Collected: 05/23/21 10:16

Matrix: Water

Date Received: 05/25/21 09:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/28/21 13:24	1
Toluene	<1.0		1.0	ug/L			05/28/21 13:24	1
Ethylbenzene	<1.0		1.0	ug/L			05/28/21 13:24	1
Xylenes, Total	<10		10	ug/L			05/28/21 13:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		78 - 118		05/28/21 13:24	1
Dibromofluoromethane	107		81 - 121		05/28/21 13:24	1
Toluene-d8 (Surr)	102		80 - 120		05/28/21 13:24	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: MW-8

Lab Sample ID: 400-203815-9

Date Collected: 05/23/21 10:25

Matrix: Water

Date Received: 05/25/21 09:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/28/21 13:50	1
Toluene	<1.0		1.0	ug/L			05/28/21 13:50	1
Ethylbenzene	<1.0		1.0	ug/L			05/28/21 13:50	1
Xylenes, Total	<10		10	ug/L			05/28/21 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		78 - 118		05/28/21 13:50	1
Dibromofluoromethane	109		81 - 121		05/28/21 13:50	1
Toluene-d8 (Surr)	102		80 - 120		05/28/21 13:50	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: MW-9

Lab Sample ID: 400-203815-10

Date Collected: 05/23/21 10:34

Matrix: Water

Date Received: 05/25/21 09:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/28/21 14:17	1
Toluene	<1.0		1.0	ug/L			05/28/21 14:17	1
Ethylbenzene	<1.0		1.0	ug/L			05/28/21 14:17	1
Xylenes, Total	<10		10	ug/L			05/28/21 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		78 - 118		05/28/21 14:17	1
Dibromofluoromethane	109		81 - 121		05/28/21 14:17	1
Toluene-d8 (Surr)	101		80 - 120		05/28/21 14:17	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: MW-10

Lab Sample ID: 400-203815-11

Date Collected: 05/23/21 10:42

Matrix: Water

Date Received: 05/25/21 09:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/28/21 14:43	1
Toluene	<1.0		1.0	ug/L			05/28/21 14:43	1
Ethylbenzene	<1.0		1.0	ug/L			05/28/21 14:43	1
Xylenes, Total	<10		10	ug/L			05/28/21 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		78 - 118		05/28/21 14:43	1
Dibromofluoromethane	108		81 - 121		05/28/21 14:43	1
Toluene-d8 (Surr)	102		80 - 120		05/28/21 14:43	1

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

GC/MS VOA

Analysis Batch: 533402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-203815-1	TB-01	Total/NA	Water	8260C	
400-203815-2	DUP-01	Total/NA	Water	8260C	
MB 400-533402/4	Method Blank	Total/NA	Water	8260C	
LCS 400-533402/1002	Lab Control Sample	Total/NA	Water	8260C	
400-203795-A-2 MS	Matrix Spike	Total/NA	Water	8260C	
400-203795-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

Analysis Batch: 533598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-203815-3	MW-1	Total/NA	Water	8260C	
400-203815-4	MW-2	Total/NA	Water	8260C	
400-203815-5	MW-3	Total/NA	Water	8260C	
400-203815-6	MW-4	Total/NA	Water	8260C	
400-203815-7	MW-6	Total/NA	Water	8260C	
400-203815-8	MW-7	Total/NA	Water	8260C	
400-203815-9	MW-8	Total/NA	Water	8260C	
400-203815-10	MW-9	Total/NA	Water	8260C	
400-203815-11	MW-10	Total/NA	Water	8260C	
MB 400-533598/4	Method Blank	Total/NA	Water	8260C	
LCS 400-533598/1002	Lab Control Sample	Total/NA	Water	8260C	
400-203823-A-11 MS	Matrix Spike	Total/NA	Water	8260C	
400-203823-A-11 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

Analysis Batch: 533775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-203815-3 - DL	MW-1	Total/NA	Water	8260C	
MB 400-533775/4	Method Blank	Total/NA	Water	8260C	
LCS 400-533775/1002	Lab Control Sample	Total/NA	Water	8260C	
400-203597-A-3 MS	Matrix Spike	Total/NA	Water	8260C	
400-203597-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 400-533402/4

Matrix: Water

Analysis Batch: 533402

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/26/21 18:20	1
Toluene	<1.0		1.0	ug/L			05/26/21 18:20	1
Ethylbenzene	<1.0		1.0	ug/L			05/26/21 18:20	1
Xylenes, Total	<10		10	ug/L			05/26/21 18:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		78 - 118		05/26/21 18:20	1
Dibromofluoromethane	95		81 - 121		05/26/21 18:20	1
Toluene-d8 (Surr)	100		80 - 120		05/26/21 18:20	1

Lab Sample ID: LCS 400-533402/1002

Matrix: Water

Analysis Batch: 533402

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	55.8		ug/L		112	70 - 130
Toluene	50.0	54.6		ug/L		109	70 - 130
Ethylbenzene	50.0	56.0		ug/L		112	70 - 130
Xylenes, Total	100	111		ug/L		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	107		78 - 118
Dibromofluoromethane	95		81 - 121
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: 400-203795-A-2 MS

Matrix: Water

Analysis Batch: 533402

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<1.0		50.0	49.2		ug/L		98	56 - 142
Toluene	<1.0		50.0	48.2		ug/L		96	65 - 130
Ethylbenzene	<1.0		50.0	46.5		ug/L		93	58 - 131
Xylenes, Total	<10		100	90.9		ug/L		91	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	103		78 - 118
Dibromofluoromethane	95		81 - 121
Toluene-d8 (Surr)	104		80 - 120

Lab Sample ID: 400-203795-A-2 MSD

Matrix: Water

Analysis Batch: 533402

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<1.0		50.0	51.1		ug/L		102	56 - 142	4	30
Toluene	<1.0		50.0	46.8		ug/L		94	65 - 130	3	30
Ethylbenzene	<1.0		50.0	46.0		ug/L		92	58 - 131	1	30

Eurofins TestAmerica, Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 400-203795-A-2 MSD

Matrix: Water

Analysis Batch: 533402

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, Total	<10		100	89.5		ug/L		89	59 - 130	2	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene	104		78 - 118								
Dibromofluoromethane	94		81 - 121								
Toluene-d8 (Surr)	102		80 - 120								

Lab Sample ID: MB 400-533598/4

Matrix: Water

Analysis Batch: 533598

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/28/21 08:40	1
Toluene	<1.0		1.0	ug/L			05/28/21 08:40	1
Ethylbenzene	<1.0		1.0	ug/L			05/28/21 08:40	1
Xylenes, Total	<10		10	ug/L			05/28/21 08:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		78 - 118				05/28/21 08:40	1
Dibromofluoromethane	108		81 - 121				05/28/21 08:40	1
Toluene-d8 (Surr)	102		80 - 120				05/28/21 08:40	1

Lab Sample ID: LCS 400-533598/1002

Matrix: Water

Analysis Batch: 533598

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	42.0		ug/L		84	70 - 130
Toluene	50.0	44.0		ug/L		88	70 - 130
Ethylbenzene	50.0	47.7		ug/L		95	70 - 130
Xylenes, Total	100	94.5		ug/L		94	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene	89		78 - 118				
Dibromofluoromethane	106		81 - 121				
Toluene-d8 (Surr)	102		80 - 120				

Lab Sample ID: 400-203823-A-11 MS

Matrix: Water

Analysis Batch: 533598

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	3.4		50.0	44.7		ug/L		83	56 - 142
Toluene	<1.0		50.0	42.4		ug/L		85	65 - 130
Ethylbenzene	<1.0		50.0	42.7		ug/L		85	58 - 131
Xylenes, Total	<10		100	84.3		ug/L		84	59 - 130

Eurofins TestAmerica, Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 400-203823-A-11 MS

Matrix: Water

Analysis Batch: 533598

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	90		78 - 118
Dibromofluoromethane	104		81 - 121
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 400-203823-A-11 MSD

Matrix: Water

Analysis Batch: 533598

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	3.4		50.0	45.2		ug/L		84	56 - 142	1	30
Toluene	<1.0		50.0	43.5		ug/L		87	65 - 130	2	30
Ethylbenzene	<1.0		50.0	43.3		ug/L		87	58 - 131	1	30
Xylenes, Total	<10		100	84.3		ug/L		84	59 - 130	0	30

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	90		78 - 118
Dibromofluoromethane	104		81 - 121
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: MB 400-533775/4

Matrix: Water

Analysis Batch: 533775

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			05/29/21 16:38	1
Toluene	<1.0		1.0	ug/L			05/29/21 16:38	1
Ethylbenzene	<1.0		1.0	ug/L			05/29/21 16:38	1
Xylenes, Total	<10		10	ug/L			05/29/21 16:38	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene	93		78 - 118		05/29/21 16:38	1		
Dibromofluoromethane	105		81 - 121		05/29/21 16:38	1		
Toluene-d8 (Surr)	91		80 - 120		05/29/21 16:38	1		

Lab Sample ID: LCS 400-533775/1002

Matrix: Water

Analysis Batch: 533775

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	52.5		ug/L		105	70 - 130
Toluene	50.0	47.6		ug/L		95	70 - 130
Ethylbenzene	50.0	50.3		ug/L		101	70 - 130
Xylenes, Total	100	101		ug/L		101	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	92		78 - 118
Dibromofluoromethane	109		81 - 121

Eurofins TestAmerica, Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 400-533775/1002

Matrix: Water

Analysis Batch: 533775

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	91		80 - 120

Lab Sample ID: 400-203597-A-3 MS

Matrix: Water

Analysis Batch: 533775

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<1.0		50.0	54.1		ug/L		108	56 - 142	
Toluene	<1.0		50.0	45.4		ug/L		91	65 - 130	
Ethylbenzene	<1.0		50.0	44.4		ug/L		89	58 - 131	
Xylenes, Total	<10		100	89.1		ug/L		89	59 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	91		78 - 118
Dibromofluoromethane	108		81 - 121
Toluene-d8 (Surr)	91		80 - 120

Lab Sample ID: 400-203597-A-3 MSD

Matrix: Water

Analysis Batch: 533775

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<1.0		50.0	55.2		ug/L		110	56 - 142	2	30	
Toluene	<1.0		50.0	47.0		ug/L		94	65 - 130	3	30	
Ethylbenzene	<1.0		50.0	45.7		ug/L		91	58 - 131	3	30	
Xylenes, Total	<10		100	91.3		ug/L		91	59 - 130	2	30	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	92		78 - 118
Dibromofluoromethane	107		81 - 121
Toluene-d8 (Surr)	92		80 - 120

Eurofins TestAmerica, Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: TB-01

Lab Sample ID: 400-203815-1

Date Collected: 05/23/21 07:00

Matrix: Water

Date Received: 05/25/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533402	05/27/21 02:52	CAR	TAL PEN
Instrument ID: Argo										

Client Sample ID: DUP-01

Lab Sample ID: 400-203815-2

Date Collected: 05/23/21 10:45

Matrix: Water

Date Received: 05/25/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533402	05/27/21 03:16	CAR	TAL PEN
Instrument ID: Argo										

Client Sample ID: MW-1

Lab Sample ID: 400-203815-3

Date Collected: 05/23/21 09:54

Matrix: Water

Date Received: 05/25/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	5 mL	5 mL	533598	05/28/21 11:13	WPD	TAL PEN
Instrument ID: CH_TAN										
Total/NA	Analysis	8260C	DL	5	5 mL	5 mL	533775	05/29/21 18:03	SAB	TAL PEN
Instrument ID: CH_WASP										

Client Sample ID: MW-2

Lab Sample ID: 400-203815-4

Date Collected: 05/23/21 09:45

Matrix: Water

Date Received: 05/25/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533598	05/28/21 09:30	WPD	TAL PEN
Instrument ID: CH_TAN										

Client Sample ID: MW-3

Lab Sample ID: 400-203815-5

Date Collected: 05/23/21 09:58

Matrix: Water

Date Received: 05/25/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533598	05/28/21 09:56	WPD	TAL PEN
Instrument ID: CH_TAN										

Client Sample ID: MW-4

Lab Sample ID: 400-203815-6

Date Collected: 05/23/21 10:03

Matrix: Water

Date Received: 05/25/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533598	05/28/21 10:22	WPD	TAL PEN
Instrument ID: CH_TAN										

Eurofins TestAmerica, Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Client Sample ID: MW-6

Lab Sample ID: 400-203815-7

Date Collected: 05/23/21 10:10

Matrix: Water

Date Received: 05/25/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533598	05/28/21 12:58	WPD	TAL PEN
Instrument ID: CH_TAN										

Client Sample ID: MW-7

Lab Sample ID: 400-203815-8

Date Collected: 05/23/21 10:16

Matrix: Water

Date Received: 05/25/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533598	05/28/21 13:24	WPD	TAL PEN
Instrument ID: CH_TAN										

Client Sample ID: MW-8

Lab Sample ID: 400-203815-9

Date Collected: 05/23/21 10:25

Matrix: Water

Date Received: 05/25/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533598	05/28/21 13:50	WPD	TAL PEN
Instrument ID: CH_TAN										

Client Sample ID: MW-9

Lab Sample ID: 400-203815-10

Date Collected: 05/23/21 10:34

Matrix: Water

Date Received: 05/25/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533598	05/28/21 14:17	WPD	TAL PEN
Instrument ID: CH_TAN										

Client Sample ID: MW-10

Lab Sample ID: 400-203815-11

Date Collected: 05/23/21 10:42

Matrix: Water

Date Received: 05/25/21 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533598	05/28/21 14:43	WPD	TAL PEN
Instrument ID: CH_TAN										

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Eurofins TestAmerica, Pensacola

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Laboratory: Eurofins TestAmerica, Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-21
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-02-21
California	State	2510	06-30-21
Florida	NELAP	E81010	06-30-21
Georgia	State	E81010(FL)	06-30-21
Illinois	NELAP	200041	10-09-21
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	10-31-21
Kentucky (UST)	State	53	06-30-21
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-21
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-21
Massachusetts	State	M-FL094	06-30-21
Michigan	State	9912	06-30-21
New Jersey	NELAP	FL006	06-30-21
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-21
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-21
Tennessee	State	TN02907	06-30-21
Texas	NELAP	T104704286	09-30-21
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-21
Washington	State	C915	05-15-22
West Virginia DEP	State	136	06-30-21

Eurofins TestAmerica, Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Lat L 40.00

Job ID: 400-203815-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL PEN
5030B	Purge and Trap	SW846	TAL PEN
5030C	Purge and Trap	SW846	TAL PEN

Protocol References:
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:
TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Eurofins TestAmerica, Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

Environment Testing
America

Client Information		Sampler: <u>SRL, MW</u>		Lab PM: Edwards, Marty P		Carrier Tracking No(s): 400-203815 COC		COC No: 400-102792-36529.1	
Client Contact: Steve Varsa		Phone: <u>913 980 0281</u>		E-Mail: Marty.Edwards@Eurofinset.com		State of Origin:		Page: <u>1 of 2</u> <u>1 of 1</u>	
Company: Stantec Consulting Services Inc		PWSID:		Analysis Requested		Job #:		Preservation Codes:	
Address: 11153 Aurora Avenue		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/MSL 8260C - (MOD) BTEX 8260 8260C - (MOD) BTEX 8260 (unpreserved) Total Number of Containers		A - HCL		M - Hexane	
City: Des Moines		TAT Requested (days): <u>STV</u>				B - NaOH		N - None	
State, Zip: IA, 50322-7904		Compliance Project: ☐ Yes ☐ No				C - Zn Acetate		O - AsNaO2	
Phone: 303-291-2239(Tel)		PO #:				D - Nitric Acid		P - Na2O4S	
Email: steve.varsa@stantec.com		See Project Notes				E - NaHSO4		Q - Na2SO3	
Project Name: Lat L 40.00		Project #: 40005479		WO #:		F - MeOH		R - Na2S2O3	
Site:		SSOW#:		H - Amchlor		S - H2SO4		T - TSP Dodecahydrate	
W - ERH - STW - OS - 06 - 2021				I - Ice		U - Acetone		V - MCAA	
- SRL - 11				J - DI Water		W - pH 4-5		Z - other (specify)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	
								Other:	
								Special Instructions/Note:	
TB-01		5/23/2021		0700		G		Water	
DUP-01		5/23/2021		1045		G		Water	
MW-1		5/23/2021		0954		G		Water	
MW-2		5/23/2021		0945		G		Water	
MW-3		5/23/2021		0958		G		Water	
MW-4		5/23/2021		1003		G		Water	
MW-6		5/23/2021		1010		G		Water	
MW-7		5/23/2021		1016		G		Water	
MW-8		5/23/2021		1025		G		Water	
MW-9		5/23/2021		1034		G		Water	
MW-10		5/23/2021		1042		G		Water	
Possible Hazard Identification									
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months									
Special Instructions/QC Requirements:									
Empty Kit Relinquished by:									
Date:									
Time:									
Method of Shipment:									
Relinquished by: <u>Sam N. Clary</u>		Date/Time: <u>5/24/2021 0800</u>		Company: <u>STW</u>		Received by: <u>Fedex</u>		Date/Time: <u>5/24/2021 0800</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>4.2°C J107</u>					

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-203815-1

Login Number: 203815

List Source: Eurofins TestAmerica, Pensacola

List Number: 1

Creator: Perez, Trina M

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.2°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-211285-1
Client Project/Site: Lateral L-40

For:

Stantec Consulting Services Inc
11311 Aurora Avenue
Des Moines, Iowa 50322-7904

Attn: Steve Varsa

Authorized for release by:
11/29/2021 8:07:57 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
Cheyenne.Whitmire@Eurofinset.com

LINKS

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results through
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Have a Question?



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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Laboratory Job ID: 400-211285-1

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Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Job ID: 400-211285-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-211285-1

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-1 (400-211285-3). Elevated reporting limits (RLs) are provided.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: TB-01

Lab Sample ID: 400-211285-1

☐ No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-211285-2

☐ No Detections.

Client Sample ID: MW-1

Lab Sample ID: 400-211285-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	160		2.0	ug/L	2		8260C	Total/NA
Toluene	9.9		2.0	ug/L	2		8260C	Total/NA
Ethylbenzene	140		2.0	ug/L	2		8260C	Total/NA
Xylenes, Total	530		20	ug/L	2		8260C	Total/NA

Client Sample ID: MW-2

Lab Sample ID: 400-211285-4

☐ No Detections.

Client Sample ID: MW-3

Lab Sample ID: 400-211285-5

☐ No Detections.

Client Sample ID: MW-4

Lab Sample ID: 400-211285-6

☐ No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-211285-7

☐ No Detections.

Client Sample ID: MW-9

Lab Sample ID: 400-211285-8

☐ No Detections.

Client Sample ID: MW-10

Lab Sample ID: 400-211285-9

☐ No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-211285-1	TB-01	Water	11/13/21 09:00	11/16/21 09:10
400-211285-2	DUP-01	Water	11/13/21 10:50	11/16/21 09:10
400-211285-3	MW-1	Water	11/13/21 10:00	11/16/21 09:10
400-211285-4	MW-2	Water	11/13/21 09:50	11/16/21 09:10
400-211285-5	MW-3	Water	11/13/21 10:10	11/16/21 09:10
400-211285-6	MW-4	Water	11/13/21 10:18	11/16/21 09:10
400-211285-7	MW-6	Water	11/13/21 10:22	11/16/21 09:10
400-211285-8	MW-9	Water	11/13/21 10:29	11/16/21 09:10
400-211285-9	MW-10	Water	11/13/21 10:37	11/16/21 09:10

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Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: TB-01

Lab Sample ID: 400-211285-1

Date Collected: 11/13/21 09:00

Matrix: Water

Date Received: 11/16/21 09:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/19/21 12:28	1
Toluene	<1.0		1.0	ug/L			11/19/21 12:28	1
Ethylbenzene	<1.0		1.0	ug/L			11/19/21 12:28	1
Xylenes, Total	<10		10	ug/L			11/19/21 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 119		11/19/21 12:28	1
Dibromofluoromethane	104		75 - 126		11/19/21 12:28	1
Toluene-d8 (Surr)	86		64 - 132		11/19/21 12:28	1

Eurofins TestAmerica, Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: DUP-01

Lab Sample ID: 400-211285-2

Date Collected: 11/13/21 10:50

Matrix: Water

Date Received: 11/16/21 09:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/18/21 15:55	1
Toluene	<1.0		1.0	ug/L			11/18/21 15:55	1
Ethylbenzene	<1.0		1.0	ug/L			11/18/21 15:55	1
Xylenes, Total	<10		10	ug/L			11/18/21 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 119		11/18/21 15:55	1
Dibromofluoromethane	101		75 - 126		11/18/21 15:55	1
Toluene-d8 (Surr)	85		64 - 132		11/18/21 15:55	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: MW-1

Lab Sample ID: 400-211285-3

Date Collected: 11/13/21 10:00

Matrix: Water

Date Received: 11/16/21 09:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	160		2.0	ug/L			11/18/21 20:17	2
Toluene	9.9		2.0	ug/L			11/18/21 20:17	2
Ethylbenzene	140		2.0	ug/L			11/18/21 20:17	2
Xylenes, Total	530		20	ug/L			11/18/21 20:17	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		72 - 119		11/18/21 20:17	2
Dibromofluoromethane	96		75 - 126		11/18/21 20:17	2
Toluene-d8 (Surr)	87		64 - 132		11/18/21 20:17	2

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: MW-2

Lab Sample ID: 400-211285-4

Date Collected: 11/13/21 09:50

Matrix: Water

Date Received: 11/16/21 09:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/18/21 16:22	1
Toluene	<1.0		1.0	ug/L			11/18/21 16:22	1
Ethylbenzene	<1.0		1.0	ug/L			11/18/21 16:22	1
Xylenes, Total	<10		10	ug/L			11/18/21 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 119		11/18/21 16:22	1
Dibromofluoromethane	104		75 - 126		11/18/21 16:22	1
Toluene-d8 (Surr)	87		64 - 132		11/18/21 16:22	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: MW-3

Lab Sample ID: 400-211285-5

Date Collected: 11/13/21 10:10

Matrix: Water

Date Received: 11/16/21 09:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/18/21 16:48	1
Toluene	<1.0		1.0	ug/L			11/18/21 16:48	1
Ethylbenzene	<1.0		1.0	ug/L			11/18/21 16:48	1
Xylenes, Total	<10		10	ug/L			11/18/21 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 119		11/18/21 16:48	1
Dibromofluoromethane	102		75 - 126		11/18/21 16:48	1
Toluene-d8 (Surr)	83		64 - 132		11/18/21 16:48	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: MW-4

Lab Sample ID: 400-211285-6

Date Collected: 11/13/21 10:18

Matrix: Water

Date Received: 11/16/21 09:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/18/21 17:14	1
Toluene	<1.0		1.0	ug/L			11/18/21 17:14	1
Ethylbenzene	<1.0		1.0	ug/L			11/18/21 17:14	1
Xylenes, Total	<10		10	ug/L			11/18/21 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 119		11/18/21 17:14	1
Dibromofluoromethane	104		75 - 126		11/18/21 17:14	1
Toluene-d8 (Surr)	87		64 - 132		11/18/21 17:14	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: MW-6

Lab Sample ID: 400-211285-7

Date Collected: 11/13/21 10:22

Matrix: Water

Date Received: 11/16/21 09:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/18/21 17:40	1
Toluene	<1.0		1.0	ug/L			11/18/21 17:40	1
Ethylbenzene	<1.0		1.0	ug/L			11/18/21 17:40	1
Xylenes, Total	<10		10	ug/L			11/18/21 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 119		11/18/21 17:40	1
Dibromofluoromethane	106		75 - 126		11/18/21 17:40	1
Toluene-d8 (Surr)	89		64 - 132		11/18/21 17:40	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: MW-9

Lab Sample ID: 400-211285-8

Date Collected: 11/13/21 10:29

Matrix: Water

Date Received: 11/16/21 09:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/18/21 18:06	1
Toluene	<1.0		1.0	ug/L			11/18/21 18:06	1
Ethylbenzene	<1.0		1.0	ug/L			11/18/21 18:06	1
Xylenes, Total	<10		10	ug/L			11/18/21 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 119		11/18/21 18:06	1
Dibromofluoromethane	105		75 - 126		11/18/21 18:06	1
Toluene-d8 (Surr)	86		64 - 132		11/18/21 18:06	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: MW-10

Lab Sample ID: 400-211285-9

Date Collected: 11/13/21 10:37

Matrix: Water

Date Received: 11/16/21 09:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/18/21 18:33	1
Toluene	<1.0		1.0	ug/L			11/18/21 18:33	1
Ethylbenzene	<1.0		1.0	ug/L			11/18/21 18:33	1
Xylenes, Total	<10		10	ug/L			11/18/21 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		72 - 119		11/18/21 18:33	1
Dibromofluoromethane	104		75 - 126		11/18/21 18:33	1
Toluene-d8 (Surr)	87		64 - 132		11/18/21 18:33	1

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

GC/MS VOA

Analysis Batch: 556388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-211285-2	DUP-01	Total/NA	Water	8260C	
400-211285-3	MW-1	Total/NA	Water	8260C	
400-211285-4	MW-2	Total/NA	Water	8260C	
400-211285-5	MW-3	Total/NA	Water	8260C	
400-211285-6	MW-4	Total/NA	Water	8260C	
400-211285-7	MW-6	Total/NA	Water	8260C	
400-211285-8	MW-9	Total/NA	Water	8260C	
400-211285-9	MW-10	Total/NA	Water	8260C	
MB 400-556388/4	Method Blank	Total/NA	Water	8260C	
LCS 400-556388/1002	Lab Control Sample	Total/NA	Water	8260C	
400-211285-2 MS	DUP-01	Total/NA	Water	8260C	
400-211285-2 MSD	DUP-01	Total/NA	Water	8260C	

Analysis Batch: 556578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-211285-1	TB-01	Total/NA	Water	8260C	
MB 400-556578/6	Method Blank	Total/NA	Water	8260C	
LCS 400-556578/1002	Lab Control Sample	Total/NA	Water	8260C	
400-211299-A-9 MS	Matrix Spike	Total/NA	Water	8260C	
400-211299-A-9 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 400-556388/4

Matrix: Water

Analysis Batch: 556388

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/18/21 11:07	1
Toluene	<1.0		1.0	ug/L			11/18/21 11:07	1
Ethylbenzene	<1.0		1.0	ug/L			11/18/21 11:07	1
Xylenes, Total	<10		10	ug/L			11/18/21 11:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		72 - 119		11/18/21 11:07	1
Dibromofluoromethane	105		75 - 126		11/18/21 11:07	1
Toluene-d8 (Surr)	88		64 - 132		11/18/21 11:07	1

Lab Sample ID: LCS 400-556388/1002

Matrix: Water

Analysis Batch: 556388

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	54.3		ug/L		109	70 - 130
Toluene	50.0	47.1		ug/L		94	70 - 130
Ethylbenzene	50.0	53.5		ug/L		107	70 - 130
Xylenes, Total	100	108		ug/L		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	85		72 - 119
Dibromofluoromethane	99		75 - 126
Toluene-d8 (Surr)	84		64 - 132

Lab Sample ID: 400-211285-2 MS

Matrix: Water

Analysis Batch: 556388

Client Sample ID: DUP-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<1.0		50.0	46.0		ug/L		92	56 - 142
Toluene	<1.0		50.0	37.0		ug/L		74	65 - 130
Ethylbenzene	<1.0		50.0	40.9		ug/L		82	58 - 131
Xylenes, Total	<10		100	84.8		ug/L		85	59 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	88		72 - 119
Dibromofluoromethane	94		75 - 126
Toluene-d8 (Surr)	80		64 - 132

Lab Sample ID: 400-211285-2 MSD

Matrix: Water

Analysis Batch: 556388

Client Sample ID: DUP-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<1.0		50.0	51.0		ug/L		102	56 - 142	10	30
Toluene	<1.0		50.0	41.6		ug/L		83	65 - 130	12	30
Ethylbenzene	<1.0		50.0	44.8		ug/L		90	58 - 131	9	30

Eurofins TestAmerica, Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 400-211285-2 MSD

Matrix: Water

Analysis Batch: 556388

Client Sample ID: DUP-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, Total	<10		100	91.4		ug/L		91	59 - 130	7	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene	91		72 - 119								
Dibromofluoromethane	93		75 - 126								
Toluene-d8 (Surr)	82		64 - 132								

Lab Sample ID: MB 400-556578/6

Matrix: Water

Analysis Batch: 556578

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/L			11/19/21 10:17	1
Toluene	<1.0		1.0	ug/L			11/19/21 10:17	1
Ethylbenzene	<1.0		1.0	ug/L			11/19/21 10:17	1
Xylenes, Total	<10		10	ug/L			11/19/21 10:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		72 - 119				11/19/21 10:17	1
Dibromofluoromethane	103		75 - 126				11/19/21 10:17	1
Toluene-d8 (Surr)	87		64 - 132				11/19/21 10:17	1

Lab Sample ID: LCS 400-556578/1002

Matrix: Water

Analysis Batch: 556578

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	53.6		ug/L		107	70 - 130
Toluene	50.0	46.7		ug/L		93	70 - 130
Ethylbenzene	50.0	53.2		ug/L		106	70 - 130
Xylenes, Total	100	108		ug/L		108	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene	90		72 - 119				
Dibromofluoromethane	104		75 - 126				
Toluene-d8 (Surr)	83		64 - 132				

Lab Sample ID: 400-211299-A-9 MS

Matrix: Water

Analysis Batch: 556578

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<1.0		50.0	55.3		ug/L		111	56 - 142
Toluene	<1.0		50.0	45.7		ug/L		91	65 - 130
Ethylbenzene	<1.0		50.0	51.5		ug/L		103	58 - 131
Xylenes, Total	<10		100	105		ug/L		105	59 - 130

Eurofins TestAmerica, Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 400-211299-A-9 MS

Matrix: Water

Analysis Batch: 556578

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	89		72 - 119
Dibromofluoromethane	100		75 - 126
Toluene-d8 (Surr)	81		64 - 132

Lab Sample ID: 400-211299-A-9 MSD

Matrix: Water

Analysis Batch: 556578

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	49.3		ug/L		99	56 - 142	11	30
Toluene	<1.0		50.0	41.1		ug/L		82	65 - 130	11	30
Ethylbenzene	<1.0		50.0	45.7		ug/L		91	58 - 131	12	30
Xylenes, Total	<10		100	92.8		ug/L		93	59 - 130	12	30

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	90		72 - 119
Dibromofluoromethane	98		75 - 126
Toluene-d8 (Surr)	82		64 - 132

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: TB-01

Lab Sample ID: 400-211285-1

Date Collected: 11/13/21 09:00

Matrix: Water

Date Received: 11/16/21 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	556578	11/19/21 12:28	BEP	TAL PEN
Instrument ID: CH_CONAN										

Client Sample ID: DUP-01

Lab Sample ID: 400-211285-2

Date Collected: 11/13/21 10:50

Matrix: Water

Date Received: 11/16/21 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	556388	11/18/21 15:55	BEP	TAL PEN
Instrument ID: CH_CONAN										

Client Sample ID: MW-1

Lab Sample ID: 400-211285-3

Date Collected: 11/13/21 10:00

Matrix: Water

Date Received: 11/16/21 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	5 mL	5 mL	556388	11/18/21 20:17	BEP	TAL PEN
Instrument ID: CH_CONAN										

Client Sample ID: MW-2

Lab Sample ID: 400-211285-4

Date Collected: 11/13/21 09:50

Matrix: Water

Date Received: 11/16/21 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	556388	11/18/21 16:22	BEP	TAL PEN
Instrument ID: CH_CONAN										

Client Sample ID: MW-3

Lab Sample ID: 400-211285-5

Date Collected: 11/13/21 10:10

Matrix: Water

Date Received: 11/16/21 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	556388	11/18/21 16:48	BEP	TAL PEN
Instrument ID: CH_CONAN										

Client Sample ID: MW-4

Lab Sample ID: 400-211285-6

Date Collected: 11/13/21 10:18

Matrix: Water

Date Received: 11/16/21 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	556388	11/18/21 17:14	BEP	TAL PEN
Instrument ID: CH_CONAN										

Eurofins TestAmerica, Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Client Sample ID: MW-6**Date Collected: 11/13/21 10:22****Date Received: 11/16/21 09:10****Lab Sample ID: 400-211285-7****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	556388	11/18/21 17:40	BEP	TAL PEN
Instrument ID: CH_CONAN										

Client Sample ID: MW-9**Date Collected: 11/13/21 10:29****Date Received: 11/16/21 09:10****Lab Sample ID: 400-211285-8****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	556388	11/18/21 18:06	BEP	TAL PEN
Instrument ID: CH_CONAN										

Client Sample ID: MW-10**Date Collected: 11/13/21 10:37****Date Received: 11/16/21 09:10****Lab Sample ID: 400-211285-9****Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	556388	11/18/21 18:33	BEP	TAL PEN
Instrument ID: CH_CONAN										

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Laboratory: Eurofins TestAmerica, Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-22
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-22
Florida	NELAP	E81010	06-30-22
Georgia	State	E81010(FL)	06-30-22
Illinois	NELAP	200041	10-09-22
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	11-30-21
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-22
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
New Jersey	NELAP	FL006	06-30-22
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-22
Washington	State	C915	05-15-22
West Virginia DEP	State	136	12-31-21

Eurofins TestAmerica, Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Lateral L-40

Job ID: 400-211285-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL PEN
5030B	Purge and Trap	SW846	TAL PEN
5030C	Purge and Trap	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Eurofins TestAmerica, Pensacola

Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-211285-1

Login Number: 211285

List Source: Eurofins TestAmerica, Pensacola

List Number: 1

Creator: Whitley, Adrian

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.3°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 94612

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 94612
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Accepted for the record. See app ID 113012 for most updated status.	3/1/2023