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Austin, Texas
t. 919.943.2631

June 30, 2025

Mr. Robert Hamlet
Environmental Specialist - Advanced
Environmental Bureau
New Mexico Oil Conservation Division
811 South First Street
Artesia, New Mexico, 88210

Re: Additional Soil Delineation Summary Report
Holly Energy Partners – Operating, L.P.
Former Tank 970 / Artesia Station West, Eddy County, New Mexico
NMOCD Incident No. nCE2003752717

Dear Mr. Hamlet:

On November 14, 2023, Holly Energy Partners – Operating, L.P., (HEP) submitted the *Remediation and Pilot Test Summary and Full-Scale Soil Vapor Extraction System Recommendation Report* (Recommendation Report) for the Former Tank 970 / Artesia Station West facility (the "Site") Incident Number nCE2003752717, located southeast of Artesia in Eddy County, New Mexico. The New Mexico Oil Conservation Division (NMOCD) rejected the submitted *Application for Administrative Approval of a Release Notification and Corrective Action* (C-141), for Incident ID (n#) nCE2003752717 on June 11, 2024, with comments. HEP, NMOCD, and TRC Environmental Corporation (TRC) representatives met virtually on August 2, 2024, to discuss the NMOCD comments. An email summary of the key discussion points was submitted by TRC to NMOCD on August 7, 2024, a *Response to New Mexico Oil Conservation Division Denial Comments* (Response to Comments) was submitted on September 12, 2024, and NMOCD conditionally approved the Recommendation Report on October 2, 2024.

As proposed in the September 2024 Response to Comments, two additional borings were advanced at the Site to delineate hydrocarbons in soil west and north of the release area. The proposed boring locations (SB-West and HA-North-2) were provided to NMOCD and the New Mexico State Land Office (NMSLO) Environmental Compliance Office (ECO) in an email dated December 5, 2024, and are presented in **Figure 1**. HEP provided preliminary laboratory results to NMOCD via email on June 13, 2025. This letter summarizes the results of the additional soil delineation activities.

The full-scale soil vapor extraction (SVE) system was installed and activated at the Site during the week of April 21, 2025. Operation and maintenance of the SVE system are ongoing, including the replacement of the oxidizer catalyst.

Soil Boring Installation and Soil Sampling

Before conducting the additional soil delineation activities proposed in the September 2024 Response to Comments, the following pre-field tasks were completed:

- Authorization from the NMSLO to drill on leased land and a permit from the New Mexico Office of State Engineer (NMOSE) to drill the deep boring were obtained by TRC.
- An email notification to NMOCD and NMSLO was provided by HEP at least 48 hours before field activities.

From April 22 to 23, 2025, TRC oversaw the installation of "deep" boring SB-West along the western Site boundary (i.e., west of the former Tank 970 berm) and "shallow" hand auger boring HA-North-2 immediately north of existing boring SB-North by Envirotech Drilling Services, LLC (Envirotech).

Boring SB-West was drilled to a total depth of 102 feet below ground surface (bgs). The boring was cleared using a hand auger to a depth of five (5) feet bgs to ensure utilities were not present near the ground surface before drilling. Hollow-stem augers were used to drill from 5 to 45 feet bgs until refusal was encountered, then air rotary drilling methods were used from 45 to 102 feet bgs. The lithology, field observations (i.e., hydrocarbon odor and staining), and photo-ionization detector (PID) readings were recorded. Hydrocarbon odor or staining were not observed and PID readings ranged from 0 to 1.6 parts per million (ppm) in SB-West. The lithology observed was consistent with previous soil borings advanced at the Site. Groundwater was not encountered in the boring. Soil samples were collected for laboratory analysis at 5-foot intervals (including one sample from 3 to 5 feet). A duplicate sample was collected between 100 and 102 feet bgs. Following drilling, the borehole was backfilled to the surface with cement-bentonite grout. Soil cuttings were containerized in labeled 55-gallon drums pending off-site disposal.

Boring HA-North-2 was installed to a depth of four (4) feet bgs using a hand auger. The lithology, field observations (i.e., hydrocarbon odor and staining), and PID readings were recorded. Hydrocarbon odor or staining was not observed, and all PID readings were 0 ppm in HA-North-2. One soil sample was collected for laboratory analysis at a depth of four (4) feet bgs and one duplicate sample was collected at a depth of four (4) feet. The borehole was backfilled with soil cuttings.

The soil boring locations are depicted in **Figure 1**. The boring logs and field notes are included in **Attachment A**.

Laboratory Analytical Data and Results

The soil samples were submitted to Eurofins Environment Testing (EET) in Midland, Texas, for analysis of:

- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by United States Environmental Protection Agency (EPA) Method SW8260,
- Total petroleum hydrocarbons (TPH) by EPA Method 8015M, and
- Chloride by EPA Method 300.

A data quality review of the laboratory reports confirmed the usability of the data. The Analytical Data Review Checklist and laboratory reports are provided in **Attachment B**.

Soil analytical results for samples collected at the boring locations SB-West and HA-North-2 are summarized in **Table 1**. Detected concentrations and the non-detect reporting limits of BTEX, TPH, and chloride were below the NMOCD Closure Criteria for sites with groundwater at a depth greater than 100 feet bgs in all soil samples collected from both soil borings. Detected concentrations and the non-detect reporting limits of BTEX, TPH, and chloride were below the NMOCD Reclamation Standards in soil samples collected at or less than four (4) feet bgs (SB-West 3-5, HA-North-2 and its duplicate, DUP).

Figure 1 includes the results of the April 2025 additional soil delineation.

Conclusions

Results of the additional soil delineation conducted April 22 to 23, 2025, north and west of the release area at the Site confirmed:

- Groundwater was not present to a depth of 102 feet bgs
- Hydrocarbon odor and staining were not observed, and elevated PID readings were not encountered in either boring
- All soil analytical results were below NMOCD Closure Criteria for sites with groundwater at a depth greater than 100 feet bgs
- Shallow soil analytical results (4 feet bgs or less) were below the NMOCD Reclamation Standards presented in 19.15.13 New Mexico Administrative Code
- Impacts associated with the former Tank 970 have been fully delineated.

HEP will continue the implementation of the full-scale SVE system to address crude oil-affected soil present at the Site from 4.5 to 30 feet bgs in accordance with the approved November 2023 Recommendation Report.

Closing

HEP is available to discuss this letter at NMOCD's convenience. If you should have any questions or comments regarding this project, please contact Paul Richardson of HEP at (918) 345-2036, Bryan Gilbert of TRC at (925) 699-6184, or Marianne Link of TRC at (919) 943-2631

Sincerely,

Marianne Link, P.G.
Senior Project Manager

Bryan Gilbert, P.G.
Austin Office ECR Practice Leader

Figure
Figure 1 – Delineation and Deferral Area Map

Table
Table 1 – Summary of Soil Sample Analytical Results

Attachments
Attachment A – Field Notes and Boring Logs
Attachment B – Analytical Data Review Checklist and Soil Analytical Reports

cc: Mike Bratcher, NMOCD, Artesia, New Mexico
Paul Richardson, HF Sinclair, Tulsa, Oklahoma
Jason Leik, P.E., HF Sinclair, Dallas, Texas
Melanie Nolan, HF Sinclair Midstream, Artesia, New Mexico
NMSLO ECO

Table

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
APRIL 2024 ADDITIONAL SOIL DELINEATION
FORMER TANK 970 / ARTESIA STATION WEST, EDDY COUNTY, NEW MEXICO

Constituent of Concern				Sample Collection Date	Soil Status	BTEX (mg/kg)					TPH (mg/kg)				Chloride (mg/kg)
						Benzene	Ethyl-benzene	Toluene	Xylenes	Total BTEX[2]	GRO	DRO	MRO	TPH[4]	
NMOCD Closure Criteria (Groundwater >100' bgs)[1]						10	NA	NA	NA	50[3]	1,000[5]		NA	2,500[6]	20,000
NMOCD Reclamation Standards (Soil <4' bgs)						10	NA	NA	NA	50[3]	NA	NA	NA	100	600
LATERAL DELINEATION	West	SB-West	3-5'	4/22/2025	In Situ	<0.00198 U	<0.00198 U	<0.00198 U	<0.00396 U	<0.00396 U	<49.8 U	<49.8 U	<49.8 U	<49.8 U	**146**
			8-10'	4/22/2025	In Situ	<0.00202 U	<0.00202 U	<0.00202 U *-	<0.00404 U	<0.00404 U	<49.9 U	<49.9 U	<49.9	<49.9 U	**424**
			13-15'	4/22/2025	In Situ	<0.00199 U	<0.00199 U	<0.00199 U *-	<0.00398 U	<0.00398 U	<50.2 U	<50.2 U	<50.2 U	<50.2 U	**280**
			18-20'	4/22/2025	In Situ	<0.00200 U	<0.00200 U	<0.00200 U *-	<0.00399 U	<0.00399 U	<50.0 U	<50.0 U	<50.0 U	<50.0 U	**212**
			23-25'	4/22/2025	In Situ	<0.00202 U	<0.00202 U	<0.00202 U *-	<0.00404 U	<0.00404 U	<50.0 U	<50.0 U	<50.0 U	<50.0 U	**296**
			28-30'	4/22/2025	In Situ	<0.00201 U	<0.00201 U	<0.00201 U *-	<0.00402 U	<0.00402 U	<50.1 U	<50.1 U	<50.1 U	<50.1 U	**193**
			33-35'	4/22/2025	In Situ	<0.00199 U	<0.00199 U	<0.00199 U *-	<0.00398 U	<0.00398 U	<50.3 U	<50.3 U	<50.3 U	<50.3 U	**259**
			38-40'	4/22/2025	In Situ	<0.00200 U	<0.00200 U	<0.00200 U *-	<0.00400 U	<0.00400 U	<49.7 U	<49.7 U	<49.7 U	<49.7 U	**159**
			43-45'	4/22/2025	In Situ	<0.00200 U	<0.00200 U	<0.00200 U *-	<0.00399 U	<0.00399 U	<50.0 U	<50.0 U	<50.0 U	<50.0 U	**133**
			48-50'	4/22/2025	In Situ	<0.00202 U	<0.00202 U	<0.00202 U *-	<0.00404 U	<0.00404 U	<49.9 U	<49.9 U	<49.9 U	<49.9 U	**117**
			53-55'	4/22/2025	In Situ	<0.00198 U	<0.00198 U	<0.00198 U	<0.00396 U	<0.00396 U	<50.0 U	<50.0 U	<50.0 U	<50.0 U	**100**
			58-60'	4/22/2025	In Situ	<0.00202 U	<0.00202 U	<0.00202 U	<0.00404 U	<0.00404 U	<50.1 U	<50.1 U	<50.1 U	<50.1 U	**117**
			63-65'	4/22/2025	In Situ	<0.00199 U	<0.00199 U	<0.00199 U	<0.00398 U	<0.00398 U	<50.1 U	<50.1 U	<50.1 U	<50.1 U	**93.2**
			68-70'	4/22/2025	In Situ	<0.00200 U	<0.00200 U	<0.00200 U	<0.00399 U	<0.00399 U	<50.2 U	<50.2 U	<50.2 U	<50.2 U	**94.1**
			73-75'	4/22/2025	In Situ	<0.00202 U	**0.00209**	<0.00202 U	<0.00404 U	<0.00404 U	<50.0 U	<50.0 U	<50.0 U	<50.0 U	**86.2**
			78-80'	4/22/2025	In Situ	<0.00201 U	**0.00380**	<0.00201 U	<0.00402 U	<0.00402 U	<50.2 U	<50.2 U	<50.2 U	<50.2 U	**102**
			83-85'	4/22/2025	In Situ	<0.00199 U	<0.00199 U	<0.00199 U	<0.00398 U	<0.00398 U	<49.8 U	<49.8 U	<49.8 U	<49.8 U	**96.1**
			88-90'	4/22/2025	In Situ	<0.00200 U	**0.00304**	**0.00308**	**0.00636**	**0.0125**	<49.9 U	<49.9 U	<49.9 U	<49.9 U	**56.5 F1**
			93-95'	4/22/2025	In Situ	<0.00200 U	<0.00200 U	**0.00643**	**0.00440**	**0.0108**	<49.7 U	<49.7 U	<49.7 U	<49.7 U	**97.1**
			98-100'	4/22/2025	In Situ	<0.00202 U	<0.00202 U	<0.00202 U	<0.00404 U	<0.00404 U	<50.0 U	<50.0 U	<50.0 U	<50.0 U	**79.7**
			100-102'	4/22/2025	In Situ	<0.00199 U	<0.00199 U	<0.00199 U	<0.00398 U	<0.00398 U	<50.0 U	<50.0 U	<50.0 U	<50.0 U	**108**
			DUP (100-102')	4/22/2025	In Situ	<0.00200 U	<0.00200 U	<0.00200 U	<0.00399 U	<0.00399 U	<50.1 U	<50.1 U	<50.1 U	<50.1 U	**92.2**
	North	HA-North-2	4'	4/23/2025	In Situ	<0.00200 U	<0.00200 U	<0.00200 U	<0.00399 U	<0.00399 U	<50.0 U	<50.0 U	<50.0 U	<50.0 U	**117**
			DUP (4')	4/23/2025	In Situ	<0.00200 U	<0.00200 U	<0.00200 U	<0.00401 U	<0.00401 U	<49.9 U	<49.9 U	<49.9 U	<49.9 U	**98.0**

Notes:

NMOCD Closure Criteria = New Mexico Oil Conservation District (NMOCD) Closure Criteria for a Site (varies with depth to groundwater).

[1] = Closure Criteria provided for sites with groundwater at a depth of greater than 100' bgs.
"NA" in NMOCD Closure Criteria row indicates there is no Closure Criterion for that constituent.
NMOCD Reclamation Standards 19.15.29.13 New Mexico Administrative Code (NMAC)

BTEX = Benzene, Toluene, Ethylbenzene, and Total Xylenes by EPA Method 8260.

[2] = Total BTEX is the sum of the benzene + toluene + ethylbenzene + total xylenes concentrations.

[3] = This value is compared against the sum of the benzene + toluene + ethylbenzene + total xylenes concentrations.

TPH = Total Petroleum Hydrocarbons by EPA Method 8015.
GRO = Gasoline Range Organics.
DRO = Diesel Range Organics.
MRO = Motor Oil Range Organics.

[4] = TPH is the sum of the GRO + DRO + MRO concentrations.

[5] = This value is compared against the sum of the GRO + DRO concentrations.

[6] = This value is compared against the sum of the GRO + DRO + MRO concentrations.

Chloride concentrations determined by EPA Method 300.0.

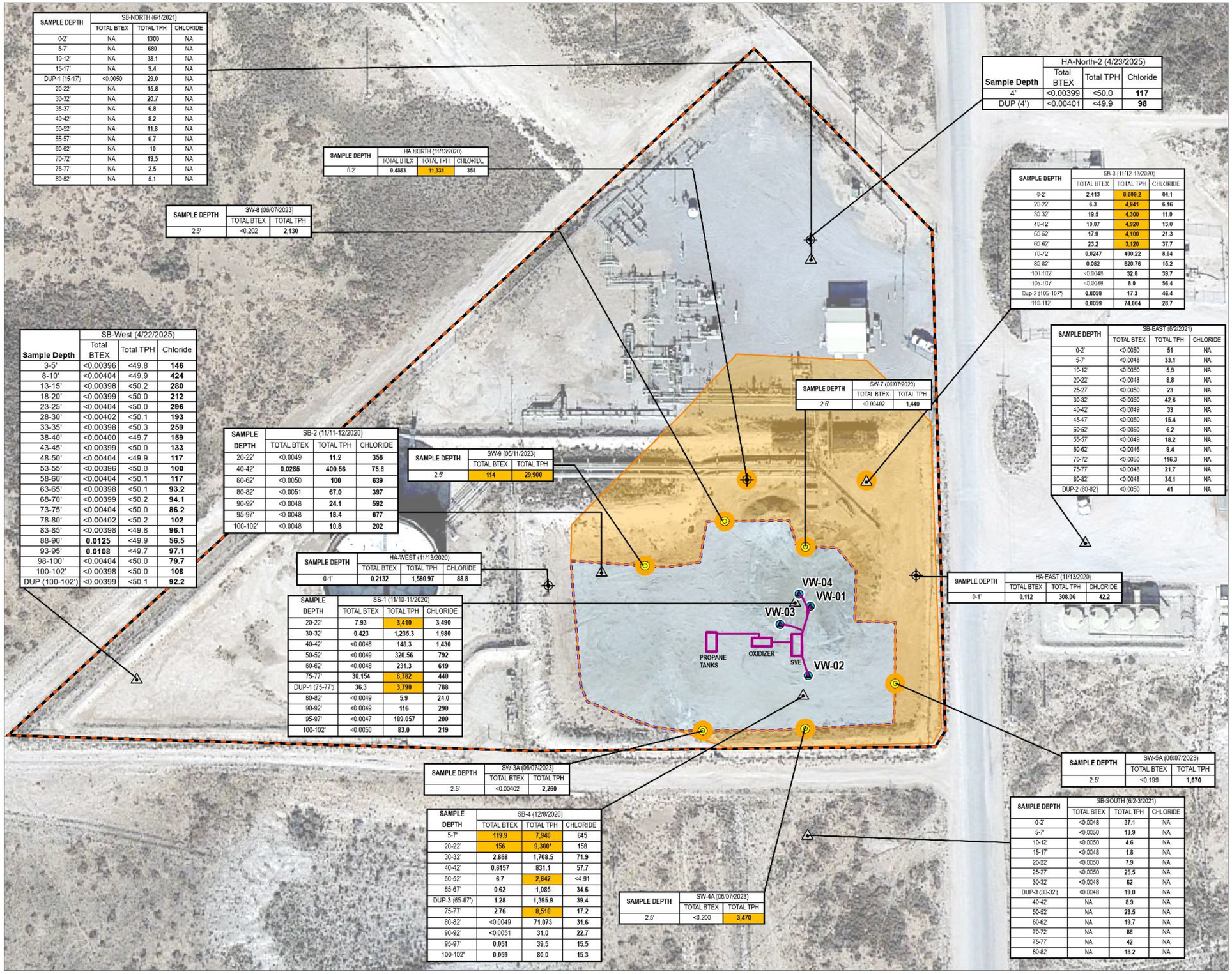
Units:

' - feet below ground surface (bgs)
mg/kg - milligram per kilogram

Data Qualifiers:

U = Indications the analyte was analyzed for but not detected.
*- = LCS and/or LCSD is outside acceptance limits, low biased.
F1 = MS and/or MSD recovery exceeds control limits

Figure



SAMPLE DEPTH	SB-NORTH (6/1/2021)		
	TOTAL BTEX	TOTAL TPH	CHLORIDE
0-2'	NA	1300	NA
5-7'	NA	680	NA
10-12'	NA	38.1	NA
15-17'	NA	9.4	NA
DUP-1 (15-17')	<0.0050	29.0	NA
20-22'	NA	15.8	NA
30-32'	NA	20.7	NA
35-37'	NA	6.8	NA
40-42'	NA	8.2	NA
50-52'	NA	11.8	NA
55-57'	NA	6.7	NA
60-62'	NA	10	NA
70-72'	NA	19.5	NA
75-77'	NA	2.5	NA
80-82'	NA	5.1	NA

SAMPLE DEPTH	HA-NORTH (11/13/2020)		
	TOTAL BTEX	TOTAL TPH	CHLORIDE
0-2'	0.4883	11,331	358

SAMPLE DEPTH	SW-8 (06/07/2023)	
	TOTAL BTEX	TOTAL TPH
2.5'	<0.202	2,130

Sample Depth	HA-North-2 (4/23/2025)		
	Total BTEX	Total TPH	Chloride
4'	<0.00399	<50.0	**117**
DUP (4')	<0.00401	<49.9	**98**

SAMPLE DEPTH	SB-3 (11/12-13/2020)		
	TOTAL BTEX	TOTAL TPH	CHLORIDE
0-2'	2.413	8,609.2	84.1
20-22'	6.3	4,941	6.16
30-32'	19.5	4,300	11.0
40-42'	10.07	4,920	13.0
50-52'	17.9	4,100	21.3
60-62'	23.2	3,120	37.7
70-72'	0.0247	400.22	8.84
80-82'	0.062	620.76	15.2
100-102'	<0.0048	32.6	39.7
105-107'	<0.0048	8.0	56.4
Dup 2 (105-107')	0.0059	17.3	46.4
110-112'	0.0059	74.064	28.7

SAMPLE DEPTH	SW-7 (06/07/2023)	
	TOTAL BTEX	TOTAL TPH
2.5'	<0.0402	1,440

SAMPLE DEPTH	SB-EAST (6/2/2021)		
	TOTAL BTEX	TOTAL TPH	CHLORIDE
0-2'	<0.0050	51	NA
5-7'	<0.0048	33.1	NA
10-12'	<0.0050	5.9	NA
20-22'	<0.0048	8.8	NA
25-27'	<0.0050	23	NA
30-32'	<0.0050	42.6	NA
40-42'	<0.0049	33	NA
45-47'	<0.0050	15.4	NA
50-52'	<0.0050	6.2	NA
55-57'	<0.0049	18.2	NA
60-62'	<0.0048	9.4	NA
70-72'	<0.0050	116.3	NA
75-77'	<0.0048	21.7	NA
80-82'	<0.0048	34.1	NA
DUP-2 (80-82')	<0.0050	41	NA

Sample Depth	SB-West (4/22/2025)		
	Total BTEX	Total TPH	Chloride
3-5'	<0.00396	<49.8	**146**
8-10'	<0.00404	<49.9	**424**
13-15'	<0.00398	<50.2	**280**
18-20'	<0.00399	<50.0	**212**
23-25'	<0.00404	<50.0	**296**
28-30'	<0.00402	<50.1	**193**
33-35'	<0.00398	<50.3	**259**
38-40'	<0.00400	<49.7	**159**
43-45'	<0.00399	<50.0	**133**
48-50'	<0.00404	<49.9	**117**
53-55'	<0.00396	<50.0	**100**
58-60'	<0.00404	<50.1	**117**
63-65'	<0.00398	<50.1	**93.2**
68-70'	<0.00399	<50.2	**94.1**
73-75'	<0.00404	<50.0	**86.2**
78-80'	<0.00402	<50.2	**102**
83-85'	<0.00398	<49.8	**96.1**
88-90'	**0.0125**	<49.9	**56.5**
93-95'	**0.0108**	<49.7	**97.1**
98-100'	<0.00404	<50.0	**79.7**
100-102'	<0.00398	<50.0	**108**
DUP (100-102')	<0.00399	<50.1	**92.2**

SAMPLE DEPTH	SW-9 (05/11/2023)	
	TOTAL BTEX	TOTAL TPH
2.5'	114	29,900

SAMPLE DEPTH	SB-2 (11/11-12/2020)		
	TOTAL BTEX	TOTAL TPH	CHLORIDE
20-22'	<0.0049	11.2	358
40-42'	0.0285	400.56	75.8
60-62'	<0.0050	100	639
80-82'	<0.0051	67.0	397
90-92'	<0.0048	24.1	592
95-97'	<0.0048	18.4	677
100-102'	<0.0048	10.8	202

SAMPLE DEPTH	HA-WEST (11/13/2020)		
	TOTAL BTEX	TOTAL TPH	CHLORIDE
0-1'	0.2132	1,580.97	88.8

SAMPLE DEPTH	HA-EAST (11/13/2020)		
	TOTAL BTEX	TOTAL TPH	CHLORIDE
0-1'	0.112	308.06	42.2

SAMPLE DEPTH	SB-1 (11/10-11/2020)		
	TOTAL BTEX	TOTAL TPH	CHLORIDE
20-22'	7.93	3,410	3,490
30-32'	0.423	1,235.3	1,980
40-42'	<0.0048	148.3	1,430
50-52'	<0.0049	320.56	792
60-62'	<0.0048	231.3	619
75-77'	30.154	6,782	440
DUP-1 (75-77')	36.3	3,790	788
80-82'	<0.0049	5.9	24.0
90-92'	<0.0049	116	290
95-97'	<0.0047	189.057	200
100-102'	<0.0050	83.0	219

SAMPLE DEPTH	SW-5A (06/07/2023)	
	TOTAL BTEX	TOTAL TPH
2.5'	<0.199	1,670

SAMPLE DEPTH	SW-3A (06/07/2023)	
	TOTAL BTEX	TOTAL TPH
2.5'	<0.00402	2,260

SAMPLE DEPTH	SB-4 (12/8/2020)		
	TOTAL BTEX	TOTAL TPH	CHLORIDE
5-7'	119.9	7,940	645
20-22'	156	9,306*	158
30-32'	2.868	1,708.5	71.9
40-42'	0.6157	831.1	57.7
50-52'	6.7	2,642	<4.91
65-67'	0.62	1,085	34.6
DUP-3 (65-67')	1.28	1,395.9	39.4
75-77'	2.76	8,510	17.2
80-82'	<0.0049	71.073	31.6
90-92'	<0.0051	31.0	22.7
95-97'	0.051	39.5	15.5
100-102'	0.059	80.0	15.3

SAMPLE DEPTH	SW-4A (06/07/2023)	
	TOTAL BTEX	TOTAL TPH
2.5'	<0.200	3,470

SAMPLE DEPTH	SB-SOUTH (6/2-3/2021)		
	TOTAL BTEX	TOTAL TPH	CHLORIDE
0-2'	<0.0048	37.1	NA
5-7'	<0.0050	13.9	NA
10-12'	<0.0050	4.6	NA
15-17'	<0.0048	1.8	NA
20-22'	<0.0050	7.9	NA
25-27'	<0.0050	25.5	NA
30-32'	<0.0048	62	NA
DUP-3 (30-32')	<0.0048	19.0	NA
40-42'	NA	8.9	NA
50-52'	NA	23.5	NA
60-62'	NA	19.7	NA
70-72'	NA	88	NA
75-77'	NA	42	NA
80-82'	NA	18.2	NA

AIR ROTARY BORING LOCATION

HAND AUGER BORING LOCATION

SOIL VAPOR EXTRACTION WELL

CONFIRMATION SIDEWALL SOIL SAMPLE LOCATION

SAMPLE LOCATION PROPOSED FOR DEFERRAL

DEDICATED LINE FLEXIBLE HOSE

FENCELINE

AREA EXCAVATED TO 4.5 FEET BGS AND EXTENT OF LINER

LOCATION OF FULL-SCALE SVE SYSTEM

DEFERRAL AREA

APPROXIMATE EXTENT OF SOIL WITH BENZENE, TOTAL BTEX AND/OR TPH CONCENTRATION ABOVE CLOSURE CRITERIA

NOTES:
BGS = BELOW GROUND SURFACE.
THE EFFECTIVE RADIUS OF INFLUENCE USED ON THE FIGURE IS THE AVERAGE OF THE RANGE GIVEN FOR EACH SVE WELL IN THE REPORT.

TABLE NOTES:
1. SAMPLE COLLECTION DATE PROVIDED NEXT TO SAMPLE LOCATION.
2. SAMPLE DEPTH PROVIDED IN FEET (').
3. CONCENTRATIONS PROVIDED IN MILLIGRAMS PER KILOGRAM (MG/KG).
4. BTEX = BENZENE, TOLUENE, ETHYLBENZENE, AND TOTAL XYLENES BY EPA METHOD 8260.
TOTAL BTEX = SUM OF BENZENE, TOLUENE, ETHYLBENZENE, AND TOTAL XYLENES
5. TPH = TOTAL PETROLEUM HYDROCARBONS BY EPA METHOD 8015M.
TOTAL TPH = SUM OF GASOLINE RANGE, DIESEL RANGE, AND MOTOR OIL RANGE ORGANICS.
6. CHLORIDE BY EPA METHOD 300.
7. ORANGE HIGHLIGHTED VALUES EXCEED CLOSURE CRITERIA FOR SITES WITH GROUNDWATER GREATER THAN 100 FEET DEEP.
8. SAMPLE NAMES "DUPLICATE-1", "DUPLICATE-2", AND "DUPLICATE-3" SHORTENED TO "DUP-1", "DUP-2", AND "DUP-3" FOR THIS FIGURE.
9. SAMPLES THAT HAVE BEEN EXCAVATED ARE NOT SHOWN.
10. ** = IF A DUPLICATE WAS COLLECTED, THE HIGHER CONCENTRATION FOR EACH ANALYTE IS SHOWN.
11. EXCAVATION CONFIRMATION SOIL SAMPLE LOCATIONS NOT SHOWN UNLESS THEY ARE PROPOSED FOR DEFERRAL.

BASE MAP: GOOGLE EARTH PRO AND THEIR DATA PARTNERS (12/21/2019).
DATA SOURCES: TRC

1:900
1" = 75'
0 37.5 75 FEET

PROJECT:
HOLLY ENERGY PARTNERS - OPERATING, L.P.
ARTESIA STATION WEST, EDDY COUNTY, NM
FORMER TANK 970

TITLE:
DELINEATION AND DEFERRAL AREA MAP

DRAWN BY:	A. KAILAS	PROJ. NO.:	639242.0000.0000
CHECKED BY:	C. ROTHOLZ		
APPROVED BY:	J. STOFFEL		**FIGURE 1**
DATE:	JUNE 2025		

TRC
6501 EAGLE ROCK AVE. NE
SUITE B5
ALBUQUERQUE, NM 87113
PHONE: 505.342.6363

FILE: Tank970 Work Plan 2023.aprx

Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet; Map Rotation: 0
Saved By: ACORDES on 6/24/2025; 15:47:31 PM; File Path: Z:\1-PROJECT SCHOOL\1-ENERGY - PARTNERS\Artesia\647716_Tank970\2-ARPX\Tank970 Work Plan 2023.aprx; Layout Name: Fig_1_Delineation_Deferral_Area_Map

Attachment A - Field Notes and Boring Logs

TRC

SUBJECT TA70

SHEET NO. _____ OF _____
PROJECT NO. _____
DATE 4.12.2023
BY Robert Nissley
CHK'D _____

weather: clear 57-86°F
TRC R. Nissley J. Porter Envirotech T Reiche
0530 mobilized
0600 purchase ice chest, ice coordinate
0645 on-site, JSA
0700 envirotech on-site safety meeting
0805 HES opens site
0810 stage drilling
0820 & lunch auger to 5'
0825 Julian on-site
0845 HA restart / coordination
0850 rig setup
0900 crew stop work for permit
0930 HSP on-site work permit
0955 restart project to drill
1000 SB-west 3-5 sample 0.4 ppm VOC
1015 SB-west 8-10 sample 0.0
1025 SB-west 13-15 sample 0.6
1040 SB-west 18-20 sample 0.7
1050 SB west 23-25 sample 1.2
1110 SB-west 28-30 sample 0.9
1130 SB-west 33-35 sample 0.9
1150 SB-west 38-40 sample 0.5
1210 SB-west 43-45 sample 0.6
1215 cutting switch to wireline
1305 SB-west 48-50 sample 0.7
1315 SB-west 53-55 sample 0.9
1320 SB-west 58-60 sample 1.0
1330 1330 RU SB-west 63-65 sample 0.8
1375 SB-west 68-70 sample 1.6
1345 SB-west 73-75 sample 0.9
1350 SB-west 78-80 sample 0.8
1356 SB-west 83-85 sample 0.7
1400 SB-west 88-90 sample 0.9
1405 SB-west 93-95 sample 0.6
1415 SB-west 98-100 sample 0.6

A

TRC

SUBJECT 1970

SHEET NO. _____ OF _____
PROJECT NO. _____
DATE _____
BY _____
CHK'D _____

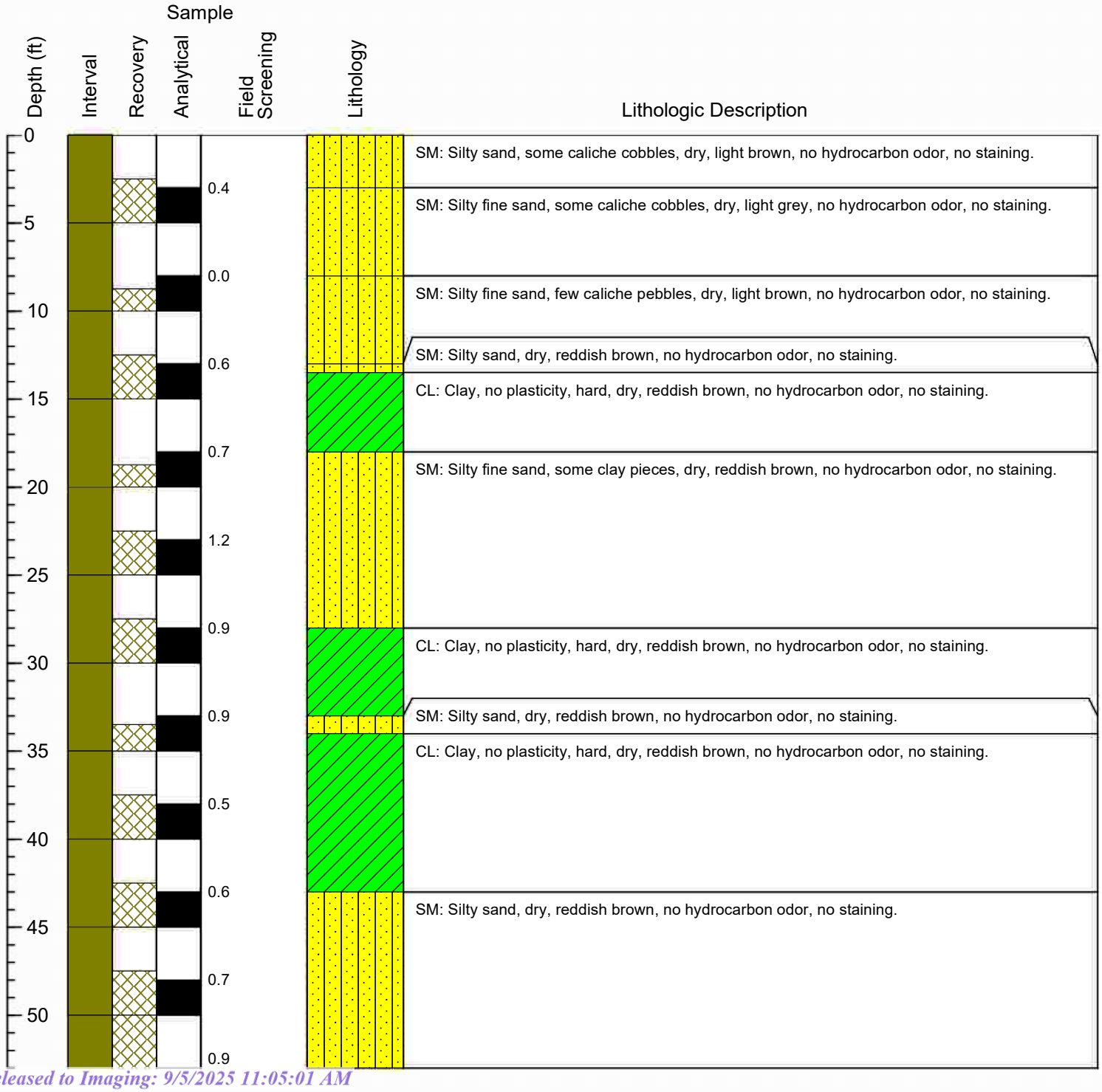
1420 EB-04-22-25-01
1425 SB-west 900-102 sample Dup 1.0
1430 cleaning up punch samples
1545 depart site

04/12/25
0700 Day 2 weather 51°-62° cloudy
0730 HESM, I&C arrives at site
0745 AM start telemetry wiring
0850 start SB-west pigging
0905 Dig/HA-North2 @ 4' sample 0.0 ppm VOC

A

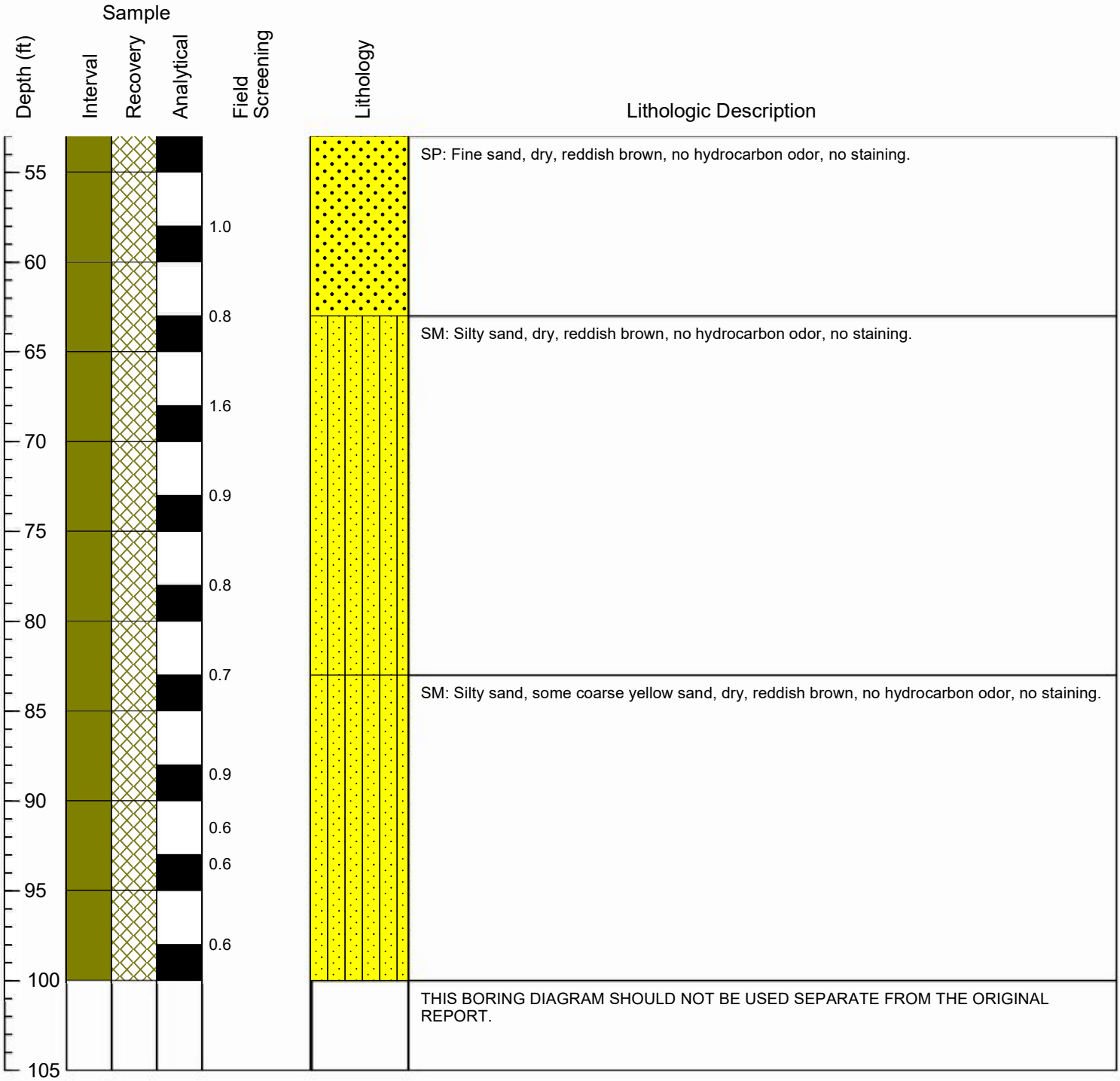
TRC BORING LOG — SB-West

Client: HEP	TRC Project #: 639242 Phase 3
Site: Tank 970/Artesia Station West	Start Date: 4/22/2025
Address: Eddy County, NM	Finish Date: 4/22/2025
Project: Site Assessment	Permit #: RA13546/TRN776870
Drilling Company: Envirotech — Drilling Crew: T. Reichwein & crew	TRC Site Rep.: R. Niehay
Drilling Method: HA to 5 ft., HSA/Air Rotary	TRC Reviewer: M. Link
Boring Diameter (in): 6.25 — Boring Depth (ft bgs): 100	Coord. Sys.: WGS84 DMS
Sampling Method: Split-spoon	Latitude: 32°43'08.1"N
Blow Count Method: NA — Grout: Bentonite Quik-Gel	Longitude: 104°10'58.0"W
Field Screening Parameter: Volatile Organic Compounds	Elevation Datum: NA
Meter: RKI GX-6000 — Units: ppm	Ground Elevation (ft): ~3542



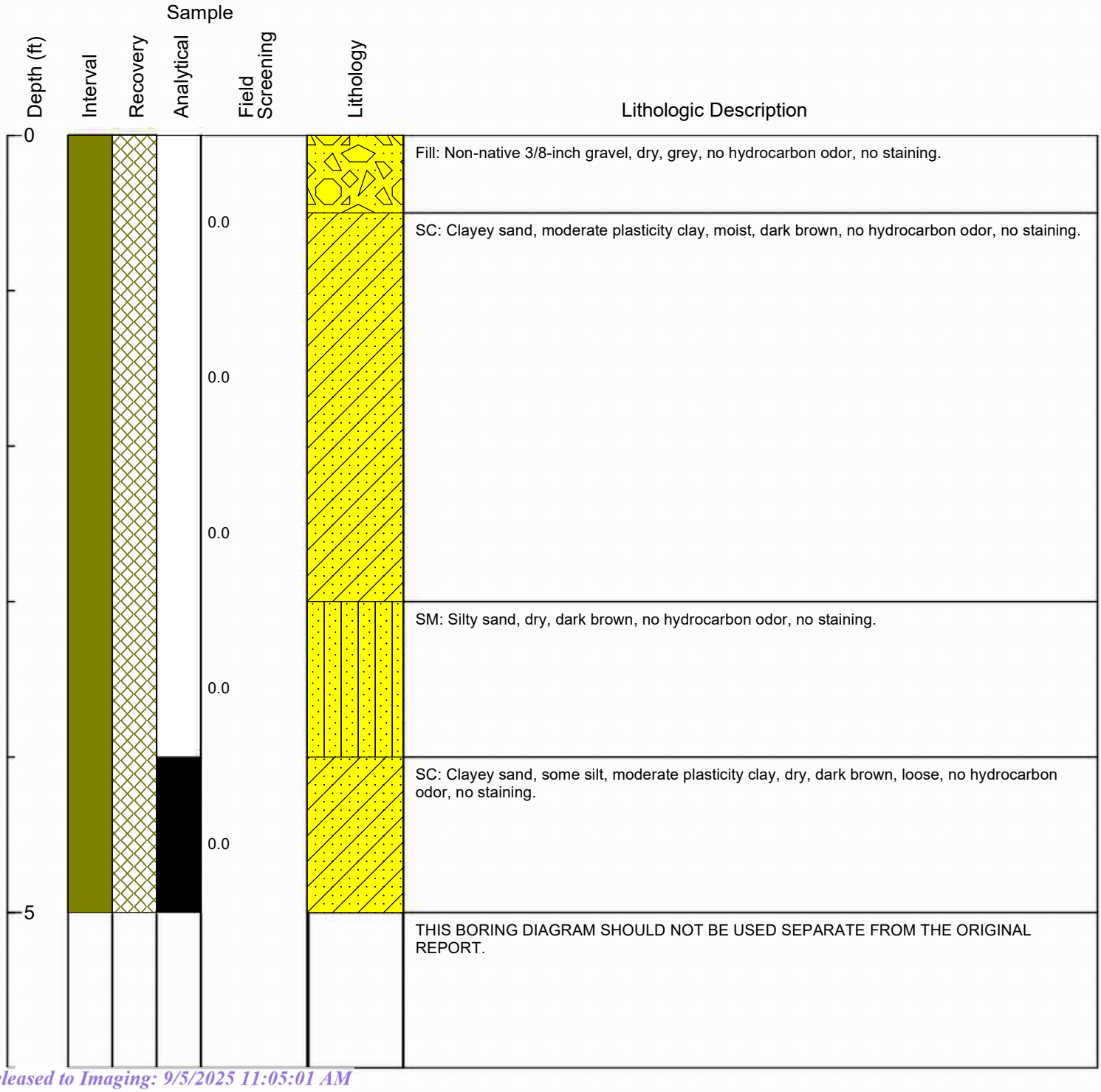
TRC **BORING LOG** | **SB-West**

Client: HEP | Site: Tank 970/Artesia Station West | Page 2 of 2



TRC BORING LOG — HA-North-2

Client: HEP	TRC Project #: 639242 Phase 3
Site: Tank 970/Artesia Station West	Start Date: 4/22/2025
Address: Eddy County, NM	Finish Date: 4/22/2025
Project: Site Assessment	Permit #: RA13546/TRN776870
Drilling Company: Envirotech — Drilling Crew: T. Reichwein & crew	TRC Site Rep.: R. Niehay
Drilling Method: Hand Auger	TRC Reviewer: M. Link
Boring Diameter (in): 6.25 — Boring Depth (ft bgs): 5	Coord. Sys.: NA
Sampling Method: Split-spoon	Latitude: Not measured
Blow Count Method: NA — Grout: Bentonite Quik-Gel	Longitude: Not measured
Field Screening Parameter: Volatile Organic Compounds	Elevation Datum: NA
Meter: RKI GX-6000 — Units: ppm	Ground Elevation (ft): Not measured



Attachment B - Analytical Data Review Checklist and Soil Analytical Reports

TRC

Analytical Data Review Checklist

Site:	Tank 970 - Artesia Station West	**Laboratory:**	Eurofins Environment Testing - Midland, TX and Stafford, TX
Location:	Eddy County, New Mexico	**Lab Report #s:**	890-8020-1 Rev (1) and 890-8027-1 Rev (1)
Client Name:	HF Sinclair Midstream	**Reviewer:**	Nancy Bergstrom
Project #:	639242	**Peer Reviewer:**	Jessica Esser
		Review Date:	6/9/2025

Analytical Method(s):	**Matrices Sampled:**	**Sample Collection Date(s):**
-Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) with Benzene, Toluene, Ethylbenzene, m,p-Xylenes, o-Xylene, and Xylenes, Total by SW-846 Method 8021B and 8260C -Total Petroleum Hydrocarbons (TPH) with Gasoline Range Organics (GRO), Diesel Range Organics (DRO), Oil Range Organics (ORO) by SW-846 Method 8015B NM -Chloride by EPA Method 300.0	Soil and aqueous QC samples	4/22/2025 and 4/23/2025

Sampling Objective(s):

Delineation Soil Sampling

Sample IDs (List IDs or attach COC):

890-8020-1: SB-WEST-100-102, SB-WEST-13-15, SB-WEST-18-20, SB-WEST-23-25, SB-WEST-28-30, SB-WEST-33-35, SB-WEST-3-5, SB-WEST-38-40, SB-WEST-43-45, SB-WEST-48-50, SB-WEST-53-55, SB-WEST-58-60, SB-WEST-63-65, SB-WEST-68-70, SB-WEST-73-75, SB-WEST-78-80, SB-WEST-78-80, SB-WEST-8-10, SB-WEST-83-85, SB-WEST-88-90, SB-WEST-93-95, SB-WEST-98-100, SB-WEST-DUP, EB-04-22-25-01, TB-04-22-25-01

890-8027-1: HA-NORTH 2, HA-DUP, EB-04-23-25-02, TB-04-23-25-02

	Review Item or Question	Yes	No	NA	Comments
Chain-of-Custody and Data Completeness					
1	Was COC appropriately completed?		X		The sample preservation codes are not entered in the designated area of the COC.
2	Did the laboratory report correct sample IDs?	X			
3	Do the laboratory reported sample collection dates and times agree with the COC forms?	X			No collection time was recorded for the trip blank samples and the field duplicate samples, which is common practice for these types of samples. The laboratory assigned collection dates/times of 04/22/25 at 00:00 and 04/23/2025 at 00:00 for the trip blank samples and field duplicate samples in laboratory reports 890-8020-1 and 890-8027-1, respectively.

TRC

Analytical Data Review Checklist

	Review Item or Question	Yes	No	NA	Comments
4	Are results reported for all analytical methods requested?	X			
5	Are results reported for all samples submitted for analysis?	X			
6	Were the requested analytical methods used?	X			
7	Are results reported for all target analytes, but no additional analytes?		X		Fluoride was reported for sample EB-04-22-25-01.
8	**SOIL/SEDIMENT ONLY:** Were soil/sediment results reported on a dry weight basis?		X		The laboratory did not report the results of the soil samples on a dry weight basis. The site is regulated under the New Mexico Oil Conservation District and reporting results on a dry weight basis is not a project requirement.
9	If requested, were detected results below reporting limit (i.e., "J" values) reported?		X		Results were reported by the laboratory to the reporting limit (RL).
10	Did we receive the required deliverables (e.g., EDD, Level 4 data, laboratory certification, etc.) in the correct formats?	X			

TRC

Analytical Data Review Checklist

Review Item or Question		Yes	No	NA	Comments
Sample Preservation					
11a	Did samples arrive at the laboratory appropriately preserved?	X			
11b	Was the cooler temperature between 0-6°C?	X			
11c	Was acid used for preservation when required (e.g., aqueous VOC and metals samples)?	X			
11d	**SOIL/SEDIMENT ONLY:** Were soil/sediment VOC samples preserved in the field or collected in EnCore® samplers?		X		All samples were collected and analyzed by the laboratory from unpreserved bulk soil jars. New Mexico allows for collection of VOC soil samples in unpreserved bulk soil jars.
12	Were samples received by the laboratory in an acceptable condition (i.e., no breakages, leaks, etc.)?	X			
13	Were any issues noted by the laboratory upon receipt?		X		
14a	**AIR ONLY:** Were canisters received with an acceptable vacuum?			X	
14b	**AIR ONLY:** Were the RPDs between the initial and final canister flow controller calibrations <20?			X	
Holding Times					
15	Were sample preparation and analysis holding time requirements met?	X			
Reporting Limits					
16	Do the reporting limits meet the project specifications (e.g., QAPP or Work Plan)?	X			
17	Were dilutions performed? If so, note sample(s) and parameters(s) affected and the dilution factor(s).		X		
18	Did the laboratory provide an adequate explanation as to why dilutions were performed?			X	
QC Results					
Blanks					

TRC

Analytical Data Review Checklist

	Review Item or Question	Yes	No	NA	Comments
19	Were target analytes detected in the method blanks? If yes, list contaminants, concentrations detected and associated samples.		X		
20	Does each analytical or preparation batch have its own method blank?	X			
21	Were any target analytes detected in the field blank(s) (e.g., trip blanks, equipment blanks)? If yes, list contaminants, concentrations detected and associated samples (or attach field blank results).		X		
22	Are there any potential false positive results based on questions 19 and/or 21?		X		
Laboratory Control Spikes					
23	Are LCS/LCSD recoveries within QC limits? If no, list analytes affected, the LCS/LCSD recoveries, and the affected samples.		X		The LCSD percent recovery (%R) for toluene (67%) in LCSD sample 880-109037/2-A was below the laboratory control limits (70-130%). The nondetect results for toluene and total BTEX in associated samples SB-WEST-3-5, SB-WEST-8-10, SB-WEST-13-15, SB-WEST-18-20, SB-WEST-23-25, SB-WEST-28-30, SB-WEST-33-35, SB-WEST-38-40, SB-WEST-43-45, and SB-WEST-48-50 may be considered estimated (UJ). The LCS/LCSD %Rs for GRO (131.0%/130.8%) in LCS/LCSD samples 860-231920/2-A/860-231920/3-A were above the laboratory control limits (70-130%). No validation action was required since the GRO result in associated sample EB-04-22-25-01 was nondetect.
24	Does each analytical or preparation batch have its own LCS?	X			ORO is not analyzed for the 8015B NM LCS/LCSD.
25	Are LCS/LCSD RPDs within QC limits? If no, list analytes affected, the RPDs, and the affected samples.	X			
Matrix Spikes					

TRC

Analytical Data Review Checklist

	Review Item or Question	Yes	No	NA	Comments
26	Are MS/MSD recoveries within QC limits? If no, list analytes affected, the MS/MSD recoveries and the sample that was spiked.		X		MS/MSD analyses were performed on the following samples from these data sets: -EB-04022025-01 (MS only) and HA-NORTH 2 for BTEX -HA-NORTH 2 for TPH -SB-WEST-18-20 and SB-WEST-88-90 for chloride The MS/MSD %Rs for chloride in samples SB-WEST-18-20 (118%/118%) and SB-WEST-88-90 (124%/124%) were above the laboratory control limits (90-110%). The positive results for chloride in samples SB-WEST-100-102, SB-WEST-13-15, SB-WEST-18-20, SB-WEST-23-25, SB-WEST-28-30, SB-WEST-33-35, SB-WEST-3-5, SB-WEST-38-40, SB-WEST-43-45, SB-WEST-48-50, SB-WEST-53-55, SB-WEST-58-60, SB-WEST-63-65, SB-WEST-68-70, SB-WEST-73-75, SB-WEST-78-80, SB-WEST-8-10, SB-WEST-83-85, SB-WEST-88-90, SB-WEST-93-95, SB-WEST-98-100, and SB-WEST-DUP may be considered estimated (J+) with a potential high bias.
27	Are MS/MSD RPDs within QC limits? If no, list analytes affected, the RPDs and the sample that was spiked.	X			
Surrogates					
28	**ORGANIC ANALYSES ONLY:** Are surrogate recoveries within QC limits? If no, list samples, surrogate recoveries and analytes affected.		X		The surrogate %Rs for 1,4-difluorobenzene were below the laboratory control limits (70-130%) in samples SB-WEST-68-70 (68%) and SB-WEST-78-90 (63%). The positive results for o-xylene in sample SB-WEST-68-70 and ethylbenzene in sample SB-WEST-78-90 may be considered estimated (J-) with a potential low bias. The nondetect results for all BTEX analytes (except o-xylene) and total BTEX in sample SB-WEST-68-70 and the nondetect results for all BTEX analytes (except ethylbenzene) and total BTEX in sample SB-WEST-78-90 may be considered estimated (UJ). The surrogate %R for 4-bromofluorobenzene was above the laboratory control limits (74-124%) in sample EB-04-22-25-01 (158%). The nondetect results for all BTEX analytes and total BTEX in sample EB-04-22-25-01 did not require qualification.
Duplicates					
29	Are laboratory duplicate RPDs within QC limits? If no, list analytes affected, the RPDs and the sample that was prepared/analyzed in duplicate.			X	Laboratory duplicate analyses were not performed on a sample from these data sets.
30	Were field duplicate criteria met? Refer to RPD and/or Tips tabs for typical criteria. If no, list analytes affected, the RPD and/or absolute difference (as applicable), and the associated samples.	X			The following samples were submitted as field duplicate pairs with these data sets: SB-WEST-100-102/SB-WEST-DUP HA-NORTH 2/HA-DUP

TRC

Analytical Data Review Checklist

Review Item or Question	Yes	No	NA	Comments
Do the Data Make Sense?				
31 Did the case narrative describe any analytical anomalies (i.e., problems or unique occurrences) that have not already been addressed above? If yes, list the comments that have potential impact to sample results (or attach case narrative and highlight the comments that have potential impact to sample results).	X			The case narrative had the following notes for laboratory report **890-8020-1:** **Method 8021B:** The continuing calibration verification (CCV) associated with batch 880-108909 recovered under the lower control limit for benzene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported. The evaluation of CCVs is beyond the scope of this level of review; therefore, the noted nonconformances are not summarized. **Method 8015MOD_NM:** The method blank for preparation batch 880-108212 and analytical batch 880-108758 contained diesel range organics (over C10-C28) above the method detection limit. This target analyte concentration was less than the RL in the method blank; therefore, re-extraction and/or re-analysis for samples was not performed. All results for the samples in these data sets are reported at the RL; therefore, the noted nonconformance is not summarized. **Method 300_ORGFM_28D:** The CCB for analytical batch 860-231264 contained chloride above the reporting limit to method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed. The evaluation of CCBs is beyond the scope of this level of review; therefore, the noted nonconformances are not summarized.
32 Were any other potential data quality issues identified? If yes, describe issues.		X		
33 Do any results look questionable? If yes, ASK THE LAB.		X		
34 Has the EDD been compared to the lab report?	X			

Additional Comments:

Laboratory Report 890-8020-1 was revised to provide the COCs between the Carlsbad, NM and Midland, TX facilities.
Laboratory Report 890-8027-1 was revised to include the requested chloride result for sample EB-04-23-25-02 instead of a sulfate result and to provide the COCs between the Carlsbad, NM and Midland, TX facilities.

Notes:
Reference: Superfund Contract Laboratory Program (CLP) National Functional Guidelines (NFGs) for Data Review (November, 2020)

TRC

Analytical Data Review Checklist

Review Item or Question	Yes	No	NA	Comments

Abbreviations:

BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CCV	Continuing Calibration Verifications
COC	Chain-of-Custody
DRO	Diesel Range Organics
EDD	Electronic Data Deliverable
GRO	Gasoline Range Organics
LCS/LCSD	Laboratory Control Sample / Laboratory Control Sample Duplicate
MDL	Method Detection Limit
MS/MSD	Matrix Spike / Matrix Spike Duplicate
ORO	Oil Range Organics
QAPP	Quality Assurance Project Plan
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
TPH	Total Petroleum Hydrocarbons
VOC	Volatile Organic Compound

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Marianne Link
TRC Solutions, Inc.
505 East Huntland Drive
Suite 250
Austin, Texas 78752

Generated 6/11/2025 12:25:57 PM Revision 1

JOB DESCRIPTION

T-970
639242 pH 2

JOB NUMBER

890-8020-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
6/11/2025 12:25:57 PM
Revision 1

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Table of Contents

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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)

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: TRC Solutions, Inc.
Project: T-970

Job ID: 890-8020-1

Job ID: 890-8020-1 Eurofins Carlsbad

Job Narrative
890-8020-1

REVISION

The report being provided is a revision of the original report sent on 5/1/2025. The report (revision 1) is being revised due to Per client email, requesting interoffice chain of custody to be attached.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/22/2025 3:40 PM. 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 time was 5.0°C.

GC/MS VOA
Method 8260C: Surrogate recovery for the following samples were outside control limits: EB-04-22-25-01 (890-8020-22), (CCVIS 860-232527/2), (LCS 860-232527/3), (LCSD 860-232527/4), (MB 860-232527/7) and (890-8020-B-22 MS). Surrogate is not associated with reporting analytes; therefore, re-extraction and/or re-analysis was not performed. Surrogate is not associated with target analytes

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

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-108909 recovered under the lower control limit for Benzene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-109037 and analytical batch 880-109029 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SB-WEST-53-55 (890-8020-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SB-WEST-78-80 (890-8020-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SB-WEST-68-70 (890-8020-14). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics
Method 8015MOD_NM: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 860-231920 and analytical batch 860-231901 recovered outside control limits for the following analytes: C6-C10. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-108435/2-A), (LCSD

Case Narrative

Client: TRC Solutions, Inc.
Project: T-970

Job ID: 890-8020-1

Job ID: 890-8020-1 (Continued) Eurofins Carlsbad

880-108435/3-A) and (880-57199-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-108212 and analytical batch 880-108758 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-108212 and analytical batch 880-108758 was outside the upper control limits.

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

HPLC/IC

Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-231264 contained Chloride above the reporting limit to method detection limit(MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108469 and analytical batch 880-108476 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108487 and analytical batch 880-108557 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108590 and analytical batch 880-108601 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-3-5

Lab Sample ID: 890-8020-1
Matrix: Solid
Date Collected: 04/22/25 10:00
Date Received: 04/22/25 15:40
Sample Depth: 3-5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/30/25 08:55	04/30/25 13:43	1
Toluene	<0.00198	U *-	0.00198		mg/Kg		04/30/25 08:55	04/30/25 13:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/30/25 08:55	04/30/25 13:43	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/30/25 08:55	04/30/25 13:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/30/25 08:55	04/30/25 13:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/30/25 08:55	04/30/25 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/30/25 08:55*	*04/30/25 13:43*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/30/25 08:55*	*04/30/25 13:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/30/25 13:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 08:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/21/25 11:46	04/27/25 08:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/25 11:46	04/27/25 08:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/25 11:46	04/27/25 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/21/25 11:46*	*04/27/25 08:52*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/21/25 11:46*	*04/27/25 08:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		9.98		mg/Kg			04/24/25 18:43	1

Client Sample ID: SB-WEST-8-10

Lab Sample ID: 890-8020-2
Matrix: Solid
Date Collected: 04/22/25 10:15
Date Received: 04/22/25 15:40
Sample Depth: 8-10

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:55	04/30/25 14:03	1
Toluene	<0.00202	U *-	0.00202		mg/Kg		04/30/25 08:55	04/30/25 14:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:55	04/30/25 14:03	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/30/25 08:55	04/30/25 14:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:55	04/30/25 14:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/30/25 08:55	04/30/25 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/30/25 08:55*	*04/30/25 14:03*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-8-10
Date Collected: 04/22/25 10:15
Date Received: 04/22/25 15:40
Sample Depth: 8-10

Lab Sample ID: 890-8020-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/30/25 08:55*	*04/30/25 14:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			04/30/25 14:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/27/25 09:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/21/25 11:46	04/27/25 09:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/21/25 11:46	04/27/25 09:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/21/25 11:46	04/27/25 09:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/21/25 11:46*	*04/27/25 09:07*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/21/25 11:46*	*04/27/25 09:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**424**		9.98	mg/Kg			04/24/25 18:51	1

Client Sample ID: SB-WEST-13-15
Date Collected: 04/22/25 10:25
Date Received: 04/22/25 15:40
Sample Depth: 13-15

Lab Sample ID: 890-8020-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/30/25 08:55	04/30/25 14:23	1
Toluene	<0.00199	U *-	0.00199	mg/Kg		04/30/25 08:55	04/30/25 14:23	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/30/25 08:55	04/30/25 14:23	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		04/30/25 08:55	04/30/25 14:23	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/30/25 08:55	04/30/25 14:23	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/30/25 08:55	04/30/25 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/30/25 08:55*	*04/30/25 14:23*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/30/25 08:55*	*04/30/25 14:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/30/25 14:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			04/27/25 09:21	1

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-13-15

Lab Sample ID: 890-8020-3
Matrix: Solid
Date Collected: 04/22/25 10:25
Date Received: 04/22/25 15:40
Sample Depth: 13-15

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/21/25 11:46	04/27/25 09:21	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/21/25 11:46	04/27/25 09:21	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/21/25 11:46	04/27/25 09:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/21/25 11:46*	*04/27/25 09:21*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/21/25 11:46*	*04/27/25 09:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**280**		10.1		mg/Kg			04/24/25 18:58	1

Client Sample ID: SB-WEST-18-20

Lab Sample ID: 890-8020-4
Matrix: Solid
Date Collected: 04/22/25 10:40
Date Received: 04/22/25 15:40
Sample Depth: 18-20

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:55	04/30/25 14:44	1
Toluene	<0.00200	U *-	0.00200		mg/Kg		04/30/25 08:55	04/30/25 14:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:55	04/30/25 14:44	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/30/25 08:55	04/30/25 14:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:55	04/30/25 14:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/30/25 08:55	04/30/25 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/30/25 08:55*	*04/30/25 14:44*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/30/25 08:55*	*04/30/25 14:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/25 14:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/21/25 11:46	04/27/25 09:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/25 11:46	04/27/25 09:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/25 11:46	04/27/25 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/21/25 11:46*	*04/27/25 09:36*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/21/25 11:46*	*04/27/25 09:36*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-18-20

Lab Sample ID: 890-8020-4
Matrix: Solid
Date Collected: 04/22/25 10:40
Date Received: 04/22/25 15:40
Sample Depth: 18-20

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212	F1	10.1		mg/Kg			04/24/25 19:06	1

Client Sample ID: SB-WEST-23-25

Lab Sample ID: 890-8020-5
Matrix: Solid
Date Collected: 04/22/25 10:50
Date Received: 04/22/25 15:40
Sample Depth: 23-25

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:55	04/30/25 15:04	1
Toluene	<0.00202	U *-	0.00202		mg/Kg		04/30/25 08:55	04/30/25 15:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:55	04/30/25 15:04	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/30/25 08:55	04/30/25 15:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:55	04/30/25 15:04	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/30/25 08:55	04/30/25 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/30/25 08:55*	*04/30/25 15:04*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/30/25 08:55*	*04/30/25 15:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/30/25 15:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 09:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/21/25 11:46	04/27/25 09:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/25 11:46	04/27/25 09:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/25 11:46	04/27/25 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/21/25 11:46*	*04/27/25 09:51*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/21/25 11:46*	*04/27/25 09:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	296		9.98		mg/Kg			04/24/25 19:28	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-28-30

Lab Sample ID: 890-8020-6
Matrix: Solid
Date Collected: 04/22/25 11:10
Date Received: 04/22/25 15:40
Sample Depth: 28-30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/30/25 08:55	04/30/25 16:28	1
Toluene	<0.00201	U *-	0.00201		mg/Kg		04/30/25 08:55	04/30/25 16:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/30/25 08:55	04/30/25 16:28	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/30/25 08:55	04/30/25 16:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/30/25 08:55	04/30/25 16:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/30/25 08:55	04/30/25 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/30/25 08:55*	*04/30/25 16:28*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/30/25 08:55*	*04/30/25 16:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/30/25 16:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/27/25 10:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/21/25 11:46	04/27/25 10:06	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/21/25 11:46	04/27/25 10:06	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/21/25 11:46	04/27/25 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/21/25 11:46*	*04/27/25 10:06*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/21/25 11:46*	*04/27/25 10:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**193**		10.1		mg/Kg			04/24/25 19:36	1

Client Sample ID: SB-WEST-33-35

Lab Sample ID: 890-8020-7
Matrix: Solid
Date Collected: 04/22/25 11:30
Date Received: 04/22/25 15:40
Sample Depth: 33-35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/30/25 08:55	04/30/25 16:48	1
Toluene	<0.00199	U *-	0.00199		mg/Kg		04/30/25 08:55	04/30/25 16:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/30/25 08:55	04/30/25 16:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/30/25 08:55	04/30/25 16:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/30/25 08:55	04/30/25 16:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/30/25 08:55	04/30/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/30/25 08:55*	*04/30/25 16:48*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-33-35

Lab Sample ID: 890-8020-7
Matrix: Solid
Date Collected: 04/22/25 11:30
Date Received: 04/22/25 15:40
Sample Depth: 33-35

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/30/25 08:55*	*04/30/25 16:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/30/25 16:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3	mg/Kg			04/27/25 10:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3	mg/Kg		04/21/25 11:46	04/27/25 10:21	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3	mg/Kg		04/21/25 11:46	04/27/25 10:21	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3	mg/Kg		04/21/25 11:46	04/27/25 10:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/21/25 11:46*	*04/27/25 10:21*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/21/25 11:46*	*04/27/25 10:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**259**		10.1	mg/Kg			04/24/25 19:59	1

Client Sample ID: SB-WEST-38-40

Lab Sample ID: 890-8020-8
Matrix: Solid
Date Collected: 04/22/25 11:50
Date Received: 04/22/25 15:40
Sample Depth: 38-40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/30/25 08:55	04/30/25 17:09	1
Toluene	<0.00200	U *-	0.00200	mg/Kg		04/30/25 08:55	04/30/25 17:09	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/30/25 08:55	04/30/25 17:09	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		04/30/25 08:55	04/30/25 17:09	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/30/25 08:55	04/30/25 17:09	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/30/25 08:55	04/30/25 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/30/25 08:55*	*04/30/25 17:09*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/30/25 08:55*	*04/30/25 17:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			04/30/25 17:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7	mg/Kg			04/27/25 10:36	1

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-38-40

Lab Sample ID: 890-8020-8
Matrix: Solid
Date Collected: 04/22/25 11:50
Date Received: 04/22/25 15:40
Sample Depth: 38-40

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/21/25 11:46	04/27/25 10:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/21/25 11:46	04/27/25 10:36	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/21/25 11:46	04/27/25 10:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/21/25 11:46*	*04/27/25 10:36*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/21/25 11:46*	*04/27/25 10:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**159**		10.0		mg/Kg			04/24/25 20:06	1

Client Sample ID: SB-WEST-43-45

Lab Sample ID: 890-8020-9
Matrix: Solid
Date Collected: 04/22/25 12:10
Date Received: 04/22/25 15:40
Sample Depth: 43-45

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:55	04/30/25 17:29	1
Toluene	<0.00200	U *-	0.00200		mg/Kg		04/30/25 08:55	04/30/25 17:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:55	04/30/25 17:29	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/30/25 08:55	04/30/25 17:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:55	04/30/25 17:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/30/25 08:55	04/30/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/30/25 08:55*	*04/30/25 17:29*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/30/25 08:55*	*04/30/25 17:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/25 17:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 06:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 06:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 06:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/23/25 12:02*	*04/27/25 06:21*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*04/23/25 12:02*	*04/27/25 06:21*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-43-45

Lab Sample ID: 890-8020-9
Matrix: Solid
Date Collected: 04/22/25 12:10
Date Received: 04/22/25 15:40
Sample Depth: 43-45

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		10.1		mg/Kg			04/24/25 20:14	1

Client Sample ID: SB-WEST-48-50

Lab Sample ID: 890-8020-10
Matrix: Solid
Date Collected: 04/22/25 13:05
Date Received: 04/22/25 15:40
Sample Depth: 48-50

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:55	04/30/25 17:49	1
Toluene	<0.00202	U *-	0.00202		mg/Kg		04/30/25 08:55	04/30/25 17:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:55	04/30/25 17:49	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/30/25 08:55	04/30/25 17:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:55	04/30/25 17:49	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/30/25 08:55	04/30/25 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/30/25 08:55*	*04/30/25 17:49*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/30/25 08:55*	*04/30/25 17:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/30/25 17:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/27/25 06:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/23/25 12:02	04/27/25 06:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/23/25 12:02	04/27/25 06:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/23/25 12:02	04/27/25 06:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/23/25 12:02*	*04/27/25 06:36*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/23/25 12:02*	*04/27/25 06:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		10.1		mg/Kg			04/24/25 20:21	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-53-55

Lab Sample ID: 890-8020-11
Matrix: Solid
Date Collected: 04/22/25 13:15
Date Received: 04/22/25 15:40
Sample Depth: 53-55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/30/25 08:59	04/30/25 13:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/30/25 08:59	04/30/25 13:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/30/25 08:59	04/30/25 13:52	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/30/25 08:59	04/30/25 13:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/30/25 08:59	04/30/25 13:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/30/25 08:59	04/30/25 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/30/25 08:59*	*04/30/25 13:52*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*04/30/25 08:59*	*04/30/25 13:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/30/25 13:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 06:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 06:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 06:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/23/25 12:02*	*04/27/25 06:50*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/23/25 12:02*	*04/27/25 06:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		9.98		mg/Kg			04/24/25 20:28	1

Client Sample ID: SB-WEST-58-60

Lab Sample ID: 890-8020-12
Matrix: Solid
Date Collected: 04/22/25 13:20
Date Received: 04/22/25 15:40
Sample Depth: 58-60

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:59	04/30/25 14:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:59	04/30/25 14:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:59	04/30/25 14:13	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/30/25 08:59	04/30/25 14:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:59	04/30/25 14:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/30/25 08:59	04/30/25 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/30/25 08:59*	*04/30/25 14:13*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-58-60
Date Collected: 04/22/25 13:20
Date Received: 04/22/25 15:40
Sample Depth: 58-60

Lab Sample ID: 890-8020-12
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*04/30/25 08:59*	*04/30/25 14:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			04/30/25 14:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			04/27/25 07:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		04/23/25 12:02	04/27/25 07:06	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		04/23/25 12:02	04/27/25 07:06	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/23/25 12:02	04/27/25 07:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/23/25 12:02*	*04/27/25 07:06*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/23/25 12:02*	*04/27/25 07:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		10.0	mg/Kg			04/24/25 20:36	1

Client Sample ID: SB-WEST-63-65
Date Collected: 04/22/25 13:30
Date Received: 04/22/25 15:40
Sample Depth: 63-65

Lab Sample ID: 890-8020-13
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/30/25 08:59	04/30/25 14:33	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/30/25 08:59	04/30/25 14:33	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/30/25 08:59	04/30/25 14:33	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		04/30/25 08:59	04/30/25 14:33	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/30/25 08:59	04/30/25 14:33	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/30/25 08:59	04/30/25 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/30/25 08:59*	*04/30/25 14:33*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/30/25 08:59*	*04/30/25 14:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/30/25 14:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			04/27/25 07:20	1

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-63-65

Lab Sample ID: 890-8020-13
Matrix: Solid
Date Collected: 04/22/25 13:30
Date Received: 04/22/25 15:40
Sample Depth: 63-65

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/23/25 12:02	04/27/25 07:20	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/23/25 12:02	04/27/25 07:20	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/23/25 12:02	04/27/25 07:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/23/25 12:02*	*04/27/25 07:20*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/23/25 12:02*	*04/27/25 07:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.2**		9.90		mg/Kg			04/24/25 20:43	1

Client Sample ID: SB-WEST-68-70

Lab Sample ID: 890-8020-14
Matrix: Solid
Date Collected: 04/22/25 13:35
Date Received: 04/22/25 15:40
Sample Depth: 68-70

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:59	04/30/25 14:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:59	04/30/25 14:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:59	04/30/25 14:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/30/25 08:59	04/30/25 14:54	1
o-Xylene	**0.00292**		0.00200		mg/Kg		04/30/25 08:59	04/30/25 14:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/30/25 08:59	04/30/25 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/30/25 08:59*	*04/30/25 14:54*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*04/30/25 08:59*	*04/30/25 14:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/25 14:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/27/25 07:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/23/25 12:02	04/27/25 07:37	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/23/25 12:02	04/27/25 07:37	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/23/25 12:02	04/27/25 07:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/23/25 12:02*	*04/27/25 07:37*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/23/25 12:02*	*04/27/25 07:37*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-68-70

Lab Sample ID: 890-8020-14
Matrix: Solid
Date Collected: 04/22/25 13:35
Date Received: 04/22/25 15:40
Sample Depth: 68-70

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.1**		9.98		mg/Kg			04/24/25 01:35	1

Client Sample ID: SB-WEST-73-75

Lab Sample ID: 890-8020-15
Matrix: Solid
Date Collected: 04/22/25 13:45
Date Received: 04/22/25 15:40
Sample Depth: 73-75

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:59	04/30/25 15:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:59	04/30/25 15:14	1
Ethylbenzene	**0.00209**		0.00202		mg/Kg		04/30/25 08:59	04/30/25 15:14	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/30/25 08:59	04/30/25 15:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:59	04/30/25 15:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/30/25 08:59	04/30/25 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/30/25 08:59*	*04/30/25 15:14*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/30/25 08:59*	*04/30/25 15:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/30/25 15:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 07:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 07:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 07:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 07:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/23/25 12:02*	*04/27/25 07:51*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/23/25 12:02*	*04/27/25 07:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.2**		9.94		mg/Kg			04/24/25 01:41	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-78-80

Lab Sample ID: 890-8020-16
Matrix: Solid
Date Collected: 04/22/25 13:50
Date Received: 04/22/25 15:40
Sample Depth: 78-80

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/30/25 08:59	04/30/25 16:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/30/25 08:59	04/30/25 16:48	1
Ethylbenzene	**0.00380**		0.00201		mg/Kg		04/30/25 08:59	04/30/25 16:48	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/30/25 08:59	04/30/25 16:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/30/25 08:59	04/30/25 16:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/30/25 08:59	04/30/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/30/25 08:59*	*04/30/25 16:48*	*1*
1,4-Difluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*04/30/25 08:59*	*04/30/25 16:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/30/25 16:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/27/25 08:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/23/25 12:02	04/27/25 08:22	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/23/25 12:02	04/27/25 08:22	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/23/25 12:02	04/27/25 08:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/23/25 12:02*	*04/27/25 08:22*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/23/25 12:02*	*04/27/25 08:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		10.0		mg/Kg			04/24/25 01:47	1

Client Sample ID: SB-WEST-83-85

Lab Sample ID: 890-8020-17
Matrix: Solid
Date Collected: 04/22/25 13:56
Date Received: 04/22/25 15:40
Sample Depth: 83-85

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/30/25 08:59	04/30/25 17:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/30/25 08:59	04/30/25 17:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/30/25 08:59	04/30/25 17:09	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/30/25 08:59	04/30/25 17:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/30/25 08:59	04/30/25 17:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/30/25 08:59	04/30/25 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/30/25 08:59*	*04/30/25 17:09*	*1*

Eurofins Carlsbad

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-83-85

Lab Sample ID: 890-8020-17
Matrix: Solid
Date Collected: 04/22/25 13:56
Date Received: 04/22/25 15:40
Sample Depth: 83-85

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*04/30/25 08:59*	*04/30/25 17:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/30/25 17:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/27/25 08:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/25 12:02	04/27/25 08:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/23/25 12:02	04/27/25 08:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/25 12:02	04/27/25 08:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/23/25 12:02*	*04/27/25 08:37*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/23/25 12:02*	*04/27/25 08:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.1**		10.1	mg/Kg			04/24/25 01:52	1

Client Sample ID: SB-WEST-88-90

Lab Sample ID: 890-8020-18
Matrix: Solid
Date Collected: 04/22/25 14:00
Date Received: 04/22/25 15:40
Sample Depth: 88-90

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/30/25 08:59	04/30/25 17:29	1
Toluene	**0.00308**		0.00200	mg/Kg		04/30/25 08:59	04/30/25 17:29	1
Ethylbenzene	**0.00304**		0.00200	mg/Kg		04/30/25 08:59	04/30/25 17:29	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		04/30/25 08:59	04/30/25 17:29	1
o-Xylene	**0.00636**		0.00200	mg/Kg		04/30/25 08:59	04/30/25 17:29	1
Xylenes, Total	**0.00636**		0.00400	mg/Kg		04/30/25 08:59	04/30/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/30/25 08:59*	*04/30/25 17:29*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/30/25 08:59*	*04/30/25 17:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0125**		0.00400	mg/Kg			04/30/25 17:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/27/25 08:52	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-88-90

Lab Sample ID: 890-8020-18
Matrix: Solid
Date Collected: 04/22/25 14:00
Date Received: 04/22/25 15:40
Sample Depth: 88-90

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/23/25 12:02	04/27/25 08:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/23/25 12:02	04/27/25 08:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/23/25 12:02	04/27/25 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/23/25 12:02*	*04/27/25 08:52*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*04/23/25 12:02*	*04/27/25 08:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.5**	**F1**	10.0		mg/Kg			04/25/25 03:12	1

Client Sample ID: SB-WEST-93-95

Lab Sample ID: 890-8020-19
Matrix: Solid
Date Collected: 04/22/25 14:05
Date Received: 04/22/25 15:40
Sample Depth: 93-95

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:59	04/30/25 17:50	1
Toluene	**0.00643**		0.00200		mg/Kg		04/30/25 08:59	04/30/25 17:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:59	04/30/25 17:50	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/30/25 08:59	04/30/25 17:50	1
o-Xylene	**0.00440**		0.00200		mg/Kg		04/30/25 08:59	04/30/25 17:50	1
Xylenes, Total	**0.00440**		0.00399		mg/Kg		04/30/25 08:59	04/30/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/30/25 08:59*	*04/30/25 17:50*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/30/25 08:59*	*04/30/25 17:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0108**		0.00399		mg/Kg			04/30/25 17:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/25 09:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/23/25 12:02	04/27/25 09:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/23/25 12:02	04/27/25 09:07	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/23/25 12:02	04/27/25 09:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/23/25 12:02*	*04/27/25 09:07*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/23/25 12:02*	*04/27/25 09:07*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-93-95

Lab Sample ID: 890-8020-19
Matrix: Solid
Date Collected: 04/22/25 14:05
Date Received: 04/22/25 15:40
Sample Depth: 93-95

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.1		9.98		mg/Kg			04/25/25 03:34	1

Client Sample ID: SB-WEST-98-100

Lab Sample ID: 890-8020-20
Matrix: Solid
Date Collected: 04/22/25 14:15
Date Received: 04/22/25 15:40
Sample Depth: 98-100

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:59	04/30/25 18:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:59	04/30/25 18:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:59	04/30/25 18:10	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/30/25 08:59	04/30/25 18:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/30/25 08:59	04/30/25 18:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/30/25 08:59	04/30/25 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*04/30/25 08:59*	*04/30/25 18:10*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/30/25 08:59*	*04/30/25 18:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/30/25 18:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 09:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 09:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 09:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 09:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/23/25 12:02*	*04/27/25 09:21*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*04/23/25 12:02*	*04/27/25 09:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.7		10.1		mg/Kg			04/25/25 03:41	1

Client Sample ID: TB-04-22-25-01

Lab Sample ID: 890-8020-21
Matrix: Water
Date Collected: 04/22/25 00:00
Date Received: 04/22/25 15:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			04/28/25 20:49	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: TB-04-22-25-01
Date Collected: 04/22/25 00:00
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-21
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/L			04/28/25 20:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			04/28/25 20:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			04/28/25 20:49	1
o-Xylene	<0.00200	U	0.00200		mg/L			04/28/25 20:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			04/28/25 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*04/28/25 20:49*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*		*04/28/25 20:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/L			04/28/25 20:49	1

Client Sample ID: EB-04-22-25-01
Date Collected: 04/22/25 14:20
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-22
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			04/30/25 11:57	1
Toluene	<0.00100	U	0.00100		mg/L			04/30/25 11:57	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			04/30/25 11:57	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			04/30/25 11:57	1
o-Xylene	<0.00100	U	0.00100		mg/L			04/30/25 11:57	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			04/30/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*		*04/30/25 11:57*	*1*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*74 - 124*		*04/30/25 11:57*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 131*		*04/30/25 11:57*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*04/30/25 11:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/L			04/30/25 11:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<4.93	U	4.93		mg/L			04/28/25 10:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<4.93	U *+	4.93		mg/L		04/28/25 07:35	04/28/25 10:09	1
Diesel Range Organics (Over C10-C28)	<4.93	U	4.93		mg/L		04/28/25 07:35	04/28/25 10:09	1
Oil Range Organics (Over C28-C36)	<4.93	U	4.93		mg/L		04/28/25 07:35	04/28/25 10:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 135*	*04/28/25 07:35*	*04/28/25 10:09*	*1*
o-Terphenyl (Surr)	*96*		*70 - 135*	*04/28/25 07:35*	*04/28/25 10:09*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: EB-04-22-25-01
Date Collected: 04/22/25 14:20
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-22
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			04/24/25 15:25	1
Fluoride	<0.500	U	0.500		mg/L			04/24/25 15:25	1

Client Sample ID: SB-WEST-100-102
Date Collected: 04/22/25 14:25
Date Received: 04/22/25 15:40
Sample Depth: 100-102

Lab Sample ID: 890-8020-23
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/23/25 13:52	04/30/25 04:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/23/25 13:52	04/30/25 04:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/23/25 13:52	04/30/25 04:33	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/23/25 13:52	04/30/25 04:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/23/25 13:52	04/30/25 04:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/23/25 13:52	04/30/25 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/23/25 13:52*	*04/30/25 04:33*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/23/25 13:52*	*04/30/25 04:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/30/25 04:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 09:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 09:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/23/25 12:02	04/27/25 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/23/25 12:02*	*04/27/25 09:36*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/23/25 12:02*	*04/27/25 09:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		10.0		mg/Kg			04/25/25 04:04	1

Client Sample ID: SB-WEST-DUP
Date Collected: 04/22/25 00:00
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-24
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/23/25 13:52	04/30/25 04:54	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-DUP

Date Collected: 04/22/25 00:00
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-24

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		04/23/25 13:52	04/30/25 04:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/23/25 13:52	04/30/25 04:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/23/25 13:52	04/30/25 04:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/23/25 13:52	04/30/25 04:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/23/25 13:52	04/30/25 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/23/25 13:52*	*04/30/25 04:54*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/23/25 13:52*	*04/30/25 04:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/25 04:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/27/25 09:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/23/25 12:02	04/27/25 09:51	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/23/25 12:02	04/27/25 09:51	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/23/25 12:02	04/27/25 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/23/25 12:02*	*04/27/25 09:51*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/23/25 12:02*	*04/27/25 09:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.2**		9.94		mg/Kg			04/25/25 04:11	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
890-8020-22	EB-04-22-25-01	113	158 S1+	90	101
890-8020-22 MS	EB-04-22-25-01	113	161 S1+	94	100
LCS 860-232527/3	Lab Control Sample	111	160 S1+	91	101
LCSD 860-232527/4	Lab Control Sample Dup	111	159 S1+	91	100
MB 860-232527/7	Method Blank	115	157 S1+	89	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-56959-A-19-A MB	Method Blank	102	99
880-57196-A-1-C MS	Matrix Spike	103	101
880-57196-A-1-D MSD	Matrix Spike Duplicate	105	100
890-8020-1	SB-WEST-3-5	105	92
890-8020-2	SB-WEST-8-10	105	95
890-8020-3	SB-WEST-13-15	112	98
890-8020-4	SB-WEST-18-20	106	93
890-8020-5	SB-WEST-23-25	105	96
890-8020-6	SB-WEST-28-30	109	90
890-8020-7	SB-WEST-33-35	106	93
890-8020-8	SB-WEST-38-40	105	95
890-8020-9	SB-WEST-43-45	106	92
890-8020-10	SB-WEST-48-50	106	98
890-8020-11	SB-WEST-53-55	96	70
890-8020-12	SB-WEST-58-60	91	70
890-8020-13	SB-WEST-63-65	109	74
890-8020-14	SB-WEST-68-70	96	68 S1-
890-8020-15	SB-WEST-73-75	94	73
890-8020-16	SB-WEST-78-80	107	63 S1-
890-8020-17	SB-WEST-83-85	99	71
890-8020-18	SB-WEST-88-90	99	81
890-8020-19	SB-WEST-93-95	95	74
890-8020-20	SB-WEST-98-100	78	91
890-8020-23	SB-WEST-100-102	106	97
890-8020-24	SB-WEST-DUP	111	98
890-8045-A-1-E MS	Matrix Spike	112	101
890-8045-A-1-F MSD	Matrix Spike Duplicate	110	108
890-8045-A-6-C MS	Matrix Spike	116	87
890-8045-A-6-D MSD	Matrix Spike Duplicate	107	87
LCS 880-108452/1-A	Lab Control Sample	98	101
LCS 880-109037/1-A	Lab Control Sample	109	100
LCS 880-109038/1-A	Lab Control Sample	105	100

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-108452/2-A	Lab Control Sample Dup	98	98
LCSD 880-109037/2-A	Lab Control Sample Dup	107	100
LCSD 880-109038/2-A	Lab Control Sample Dup	106	95
MB 880-108912/5-A	Method Blank	100	94
MB 880-109037/5-A	Method Blank	97	87
MB 880-109038/5-A	Method Blank	97	74

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
880-57164-G-1 MS	Matrix Spike	99	96
880-57164-G-1 MSD	Matrix Spike Duplicate	102	82
890-8020-21	TB-04-22-25-01	97	86
LCS 880-108849/3	Lab Control Sample	102	96
LCSD 880-108849/4	Lab Control Sample Dup	99	101
MB 880-108849/8	Method Blank	83	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-57103-A-1-B MS	Matrix Spike	126	116
880-57103-A-1-C MSD	Matrix Spike Duplicate	130	119
880-57199-A-1-B MS	Matrix Spike	129	127
880-57199-A-1-C MSD	Matrix Spike Duplicate	131 S1+	129
890-8020-1	SB-WEST-3-5	105	101
890-8020-2	SB-WEST-8-10	104	99
890-8020-3	SB-WEST-13-15	108	103
890-8020-4	SB-WEST-18-20	104	101
890-8020-5	SB-WEST-23-25	108	104
890-8020-6	SB-WEST-28-30	105	103
890-8020-7	SB-WEST-33-35	103	100
890-8020-8	SB-WEST-38-40	105	100
890-8020-9	SB-WEST-43-45	108	115
890-8020-10	SB-WEST-48-50	111	117
890-8020-11	SB-WEST-53-55	112	113
890-8020-12	SB-WEST-58-60	111	117
890-8020-13	SB-WEST-63-65	113	118
890-8020-14	SB-WEST-68-70	111	113

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8020-15	SB-WEST-73-75	109	114
890-8020-16	SB-WEST-78-80	108	112
890-8020-17	SB-WEST-83-85	111	116
890-8020-18	SB-WEST-88-90	116	120
890-8020-19	SB-WEST-93-95	104	107
890-8020-20	SB-WEST-98-100	116	120
890-8020-23	SB-WEST-100-102	106	110
890-8020-24	SB-WEST-DUP	109	112
LCS 880-108212/2-A	Lab Control Sample	128	123
LCS 880-108435/2-A	Lab Control Sample	134 S1+	126
LCSD 880-108212/3-A	Lab Control Sample Dup	127	120
LCSD 880-108435/3-A	Lab Control Sample Dup	131 S1+	127
MB 880-108212/1-A	Method Blank	140 S1+	142 S1+
MB 880-108435/1-A	Method Blank	126	125

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-135)	OTPH1 (70-135)
890-8020-22	EB-04-22-25-01	103	96
LCS 860-231920/2-A	Lab Control Sample	132	112
LCSD 860-231920/3-A	Lab Control Sample Dup	126	109
MB 860-231920/1-A	Method Blank	92	84

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

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

Lab Sample ID: MB 860-232527/7
Matrix: Water
Analysis Batch: 232527

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			04/30/25 11:33	1
Toluene	<0.00100	U	0.00100		mg/L			04/30/25 11:33	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			04/30/25 11:33	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			04/30/25 11:33	1
o-Xylene	<0.00100	U	0.00100		mg/L			04/30/25 11:33	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			04/30/25 11:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*63 - 144*		*04/30/25 11:33*	*1*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*74 - 124*		*04/30/25 11:33*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 131*		*04/30/25 11:33*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/30/25 11:33*	*1*

Lab Sample ID: LCS 860-232527/3
Matrix: Water
Analysis Batch: 232527

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.05211		mg/L		104	75 - 125		
Toluene			0.0500	0.04913		mg/L		98	75 - 130		
Ethylbenzene			0.0500	0.05291		mg/L		106	75 - 125		
m,p-Xylenes			0.0500	0.05405		mg/L		108	75 - 125		
o-Xylene			0.0500	0.05397		mg/L		108	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 144*
4-Bromofluorobenzene (Surr)	*160*	*S1+*	*74 - 124*
Dibromofluoromethane (Surr)	*91*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 860-232527/4
Matrix: Water
Analysis Batch: 232527

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.05206		mg/L		104	75 - 125	0	25
Toluene			0.0500	0.04999		mg/L		100	75 - 130	2	25
Ethylbenzene			0.0500	0.05363		mg/L		107	75 - 125	1	25
m,p-Xylenes			0.0500	0.05517		mg/L		110	75 - 125	2	25
o-Xylene			0.0500	0.05468		mg/L		109	75 - 125	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 144*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*74 - 124*
Dibromofluoromethane (Surr)	*91*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

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

Lab Sample ID: 890-8020-22 MS
Matrix: Water
Analysis Batch: 232527

Client Sample ID: EB-04-22-25-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00100	U	0.0500	0.04872		mg/L		97	66 - 142
Toluene	<0.00100	U	0.0500	0.04597		mg/L		92	59 - 139
Ethylbenzene	<0.00100	U	0.0500	0.04912		mg/L		98	75 - 125
m,p-Xylenes	<0.00200	U	0.0500	0.04993		mg/L		100	75 - 125
o-Xylene	<0.00100	U	0.0500	0.05011		mg/L		100	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*
4-Bromofluorobenzene (Surr)	*161*	*S1+*	*74 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: 880-56959-A-19-A MB
Matrix: Solid
Analysis Batch: 108909

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108452

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/23/25 13:52	04/30/25 03:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/23/25 13:52	04/30/25 03:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/23/25 13:52	04/30/25 03:32	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/23/25 13:52	04/30/25 03:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/23/25 13:52	04/30/25 03:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/23/25 13:52	04/30/25 03:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/23/25 13:52*	*04/30/25 03:32*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/23/25 13:52*	*04/30/25 03:32*	*1*

Lab Sample ID: LCS 880-108452/1-A
Matrix: Solid
Analysis Batch: 108909

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108452

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			0.100	0.09103		mg/Kg		91	70 - 130
Toluene			0.100	0.09442		mg/Kg		94	70 - 130
Ethylbenzene			0.100	0.09451		mg/Kg		95	70 - 130
m,p-Xylenes			0.200	0.1898		mg/Kg		95	70 - 130
o-Xylene			0.100	0.09576		mg/Kg		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-108452/2-A
Matrix: Solid
Analysis Batch: 108909

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108452

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08988		mg/Kg		90	70 - 130	1	35
Toluene			0.100	0.09253		mg/Kg		93	70 - 130	2	35
Ethylbenzene			0.100	0.09241		mg/Kg		92	70 - 130	2	35
m,p-Xylenes			0.200	0.1850		mg/Kg		92	70 - 130	3	35
o-Xylene			0.100	0.09331		mg/Kg		93	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-57196-A-1-C MS
Matrix: Solid
Analysis Batch: 108909

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 108452

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08229		mg/Kg		82	70 - 130		
Toluene	<0.00200	U	0.100	0.08323		mg/Kg		83	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.08045		mg/Kg		80	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.1590		mg/Kg		79	70 - 130		
o-Xylene	<0.00200	U	0.100	0.07899		mg/Kg		79	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-57196-A-1-D MSD
Matrix: Solid
Analysis Batch: 108909

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 108452

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08956		mg/Kg		90	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.09082		mg/Kg		91	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.08766		mg/Kg		88	70 - 130	9	35
m,p-Xylenes	<0.00399	U	0.200	0.1720		mg/Kg		86	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.08513		mg/Kg		85	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-108849/8
Matrix: Water
Analysis Batch: 108849

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			04/28/25 15:18	1
Toluene	<0.00200	U	0.00200		mg/L			04/28/25 15:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			04/28/25 15:18	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-108849/8
Matrix: Water
Analysis Batch: 108849

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			04/28/25 15:18	1
o-Xylene	<0.00200	U	0.00200		mg/L			04/28/25 15:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			04/28/25 15:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*		*04/28/25 15:18*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*		*04/28/25 15:18*	*1*

Lab Sample ID: LCS 880-108849/3
Matrix: Water
Analysis Batch: 108849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09850		mg/L		98	70 - 130		
Toluene			0.100	0.09136		mg/L		91	70 - 130		
Ethylbenzene			0.100	0.1076		mg/L		108	70 - 130		
m-Xylene & p-Xylene			0.200	0.2073		mg/L		104	70 - 130		
o-Xylene			0.100	0.1038		mg/L		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-108849/4
Matrix: Water
Analysis Batch: 108849

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1026		mg/L		103	70 - 130	4	20
Toluene			0.100	0.09399		mg/L		94	70 - 130	3	20
Ethylbenzene			0.100	0.1130		mg/L		113	70 - 130	5	20
m-Xylene & p-Xylene			0.200	0.2130		mg/L		106	70 - 130	3	20
o-Xylene			0.100	0.1073		mg/L		107	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-57164-G-1 MS
Matrix: Water
Analysis Batch: 108849

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	<0.00200	U	0.100	0.1134		mg/L		113	70 - 130		
Toluene	<0.00200	U	0.100	0.09771		mg/L		98	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1209		mg/L		121	70 - 130		
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2330		mg/L		116	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1174		mg/L		117	70 - 130		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-57164-G-1 MSD
Matrix: Water
Analysis Batch: 108849

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	<0.00200	U	0.100	0.1040		mg/L		104	70 - 130	9	25
Toluene	<0.00200	U	0.100	0.09587		mg/L		96	70 - 130	2	25
Ethylbenzene	<0.00200	U	0.100	0.1144		mg/L		114	70 - 130	6	25
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2184		mg/L		109	70 - 130	6	25
o-Xylene	<0.00200	U	0.100	0.1104		mg/L		110	70 - 130	6	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: MB 880-108912/5-A
Matrix: Solid
Analysis Batch: 108909

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108912

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/25 08:33	04/29/25 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/25 08:33	04/29/25 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/25 08:33	04/29/25 11:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/29/25 08:33	04/29/25 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/25 08:33	04/29/25 11:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/25 08:33	04/29/25 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/29/25 08:33	04/29/25 11:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/29/25 08:33	04/29/25 11:28	1

Lab Sample ID: MB 880-109037/5-A
Matrix: Solid
Analysis Batch: 109029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109037

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:55	04/30/25 11:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:55	04/30/25 11:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:55	04/30/25 11:39	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/30/25 08:55	04/30/25 11:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:55	04/30/25 11:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/30/25 08:55	04/30/25 11:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/30/25 08:55	04/30/25 11:39	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/30/25 08:55	04/30/25 11:39	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-109037/1-A
Matrix: Solid
Analysis Batch: 109029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109037

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07579		mg/Kg		76	70 - 130		
Toluene			0.100	0.07024		mg/Kg		70	70 - 130		
Ethylbenzene			0.100	0.07758		mg/Kg		78	70 - 130		
m,p-Xylenes			0.200	0.1608		mg/Kg		80	70 - 130		
o-Xylene			0.100	0.08349		mg/Kg		83	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-109037/2-A
Matrix: Solid
Analysis Batch: 109029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109037

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07377		mg/Kg		74	70 - 130	3	35
Toluene			0.100	0.06678	*-	mg/Kg		67	70 - 130	5	35
Ethylbenzene			0.100	0.07341		mg/Kg		73	70 - 130	6	35
m,p-Xylenes			0.200	0.1522		mg/Kg		76	70 - 130	6	35
o-Xylene			0.100	0.08007		mg/Kg		80	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-8045-A-1-E MS
Matrix: Solid
Analysis Batch: 109029

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 109037

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1005		mg/Kg		101	70 - 130		
Toluene	<0.00200	U *-	0.100	0.09270		mg/Kg		93	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1023		mg/Kg		102	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.2125		mg/Kg		106	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1081		mg/Kg		108	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-8045-A-1-F MSD
Matrix: Solid
Analysis Batch: 109029

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 109037

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1064		mg/Kg		106	70 - 130	6	35
Toluene	<0.00200	U *-	0.100	0.09576		mg/Kg		96	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.1052		mg/Kg		105	70 - 130	3	35

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-8045-A-1-F MSD
Matrix: Solid
Analysis Batch: 109029

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 109037

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U	0.200	0.2173		mg/Kg		109	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.1108		mg/Kg		111	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 880-109038/5-A
Matrix: Solid
Analysis Batch: 109031

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109038

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:59	04/30/25 11:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:59	04/30/25 11:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:59	04/30/25 11:48	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/30/25 08:59	04/30/25 11:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/25 08:59	04/30/25 11:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/30/25 08:59	04/30/25 11:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/30/25 08:59*	*04/30/25 11:48*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/30/25 08:59*	*04/30/25 11:48*	*1*

Lab Sample ID: LCS 880-109038/1-A
Matrix: Solid
Analysis Batch: 109031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109038

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07624		mg/Kg		76	70 - 130		
Toluene			0.100	0.07255		mg/Kg		73	70 - 130		
Ethylbenzene			0.100	0.08029		mg/Kg		80	70 - 130		
m,p-Xylenes			0.200	0.1610		mg/Kg		81	70 - 130		
o-Xylene			0.100	0.07591		mg/Kg		76	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-109038/2-A
Matrix: Solid
Analysis Batch: 109031

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109038

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07300		mg/Kg		73	70 - 130	4	35
Toluene			0.100	0.06957		mg/Kg		70	70 - 130	4	35
Ethylbenzene			0.100	0.07750		mg/Kg		77	70 - 130	4	35
m,p-Xylenes			0.200	0.1589		mg/Kg		79	70 - 130	1	35
o-Xylene			0.100	0.07633		mg/Kg		76	70 - 130	1	35

Eurofins Carlsbad

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-8045-A-6-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109031 — **Prep Batch: 109038**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08344		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.09413		mg/Kg		94	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1044		mg/Kg		104	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2047		mg/Kg		102	70 - 130
o-Xylene	0.00349		0.100	0.1037		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 890-8045-A-6-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109031 — **Prep Batch: 109038**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08613		mg/Kg		86	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.1018		mg/Kg		102	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.1098		mg/Kg		110	70 - 130	5	35
m,p-Xylenes	<0.00399	U	0.200	0.2118		mg/Kg		106	70 - 130	3	35
o-Xylene	0.00349		0.100	0.1068		mg/Kg		103	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-108212/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 108758 — **Prep Batch: 108212**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/21/25 11:46	04/27/25 04:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/21/25 11:46	04/27/25 04:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/21/25 11:46	04/27/25 04:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	140	S1+	70 - 130	04/21/25 11:46	04/27/25 04:23	1
o-Terphenyl (Surr)	142	S1+	70 - 130	04/21/25 11:46	04/27/25 04:23	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-108212/2-A
Matrix: Solid
Analysis Batch: 108758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108212

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1298		mg/Kg		130	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1120		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*128*		*70 - 130*
o-Terphenyl (Surr)	*123*		*70 - 130*

Lab Sample ID: LCSD 880-108212/3-A
Matrix: Solid
Analysis Batch: 108758

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108212

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1291		mg/Kg		129	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1125		mg/Kg		113	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*127*		*70 - 130*
o-Terphenyl (Surr)	*120*		*70 - 130*

Lab Sample ID: 880-57103-A-1-B MS
Matrix: Solid
Analysis Batch: 108758

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 108212

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1055		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1039		mg/Kg		102	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*126*		*70 - 130*
o-Terphenyl (Surr)	*116*		*70 - 130*

Lab Sample ID: 880-57103-A-1-C MSD
Matrix: Solid
Analysis Batch: 108758

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 108212

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1084		mg/Kg		108	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1062		mg/Kg		104	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*130*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-57103-A-1-C MSD
Matrix: Solid
Analysis Batch: 108758

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 108212

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	119		70 - 130

Lab Sample ID: MB 880-108435/1-A
Matrix: Solid
Analysis Batch: 108761

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108435

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/23/25 12:01	04/27/25 04:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/23/25 12:01	04/27/25 04:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/23/25 12:01	04/27/25 04:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130	04/23/25 12:01	04/27/25 04:23	1
o-Terphenyl (Surr)	125		70 - 130	04/23/25 12:01	04/27/25 04:23	1

Lab Sample ID: LCS 880-108435/2-A
Matrix: Solid
Analysis Batch: 108761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108435

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1298		mg/Kg		130	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1258		mg/Kg		126	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	134	S1+	70 - 130
o-Terphenyl (Surr)	126		70 - 130

Lab Sample ID: LCSD 880-108435/3-A
Matrix: Solid
Analysis Batch: 108761

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108435

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1263		mg/Kg		126	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1243		mg/Kg		124	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	131	S1+	70 - 130
o-Terphenyl (Surr)	127		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-57199-A-1-B MS
Matrix: Solid
Analysis Batch: 108761

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 108435

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	960.0		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1037		mg/Kg		104	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*129*		*70 - 130*
o-Terphenyl (Surr)	*127*		*70 - 130*

Lab Sample ID: 880-57199-A-1-C MSD
Matrix: Solid
Analysis Batch: 108761

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 108435

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	977.0		mg/Kg		98	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1091		mg/Kg		109	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*129*		*70 - 130*

Lab Sample ID: MB 860-231920/1-A
Matrix: Water
Analysis Batch: 231901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 231920

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<5.00	U	5.00		mg/L		04/28/25 07:35	04/28/25 09:37	1
Diesel Range Organics (Over C10-C28)	<5.00	U	5.00		mg/L		04/28/25 07:35	04/28/25 09:37	1
Oil Range Organics (Over C28-C36)	<5.00	U	5.00		mg/L		04/28/25 07:35	04/28/25 09:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 135*	*04/28/25 07:35*	*04/28/25 09:37*	*1*
o-Terphenyl (Surr)	*84*		*70 - 135*	*04/28/25 07:35*	*04/28/25 09:37*	*1*

Lab Sample ID: LCS 860-231920/2-A
Matrix: Water
Analysis Batch: 231901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 231920

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			100	131.0	*+	mg/L		131	70 - 130
Diesel Range Organics (Over C10-C28)			100	104.2		mg/L		104	70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 860-231920/2-A
Matrix: Water
Analysis Batch: 231901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 231920

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	132		70 - 135
o-Terphenyl (Surr)	112		70 - 135

Lab Sample ID: LCSD 860-231920/3-A
Matrix: Water
Analysis Batch: 231901

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 231920

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			100	130.8	*+	mg/L		131	70 - 130	0	35
Diesel Range Organics (Over C10-C28)			100	104.1		mg/L		104	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	126		70 - 135
o-Terphenyl (Surr)	109		70 - 135

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-231264/3
Matrix: Water
Analysis Batch: 231264

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			04/24/25 10:22	1
Fluoride	<0.500	U	0.500		mg/L			04/24/25 10:22	1

Lab Sample ID: LCS 860-231264/4
Matrix: Water
Analysis Batch: 231264

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	9.711		mg/L		97	90 - 110		
Fluoride			10.0	9.922		mg/L		99	90 - 110		

Lab Sample ID: LCSD 860-231264/5
Matrix: Water
Analysis Batch: 231264

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	9.989		mg/L		100	90 - 110	3	20
Fluoride			10.0	10.20		mg/L		102	90 - 110	3	20

Lab Sample ID: LLCS 860-231264/7
Matrix: Water
Analysis Batch: 231264

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.5815		mg/L		116	50 - 150		
Fluoride			0.500	0.4198	J	mg/L		84	50 - 150		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 860-99046-F-1 MS
Matrix: Water
Analysis Batch: 231264

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
Chloride	62.8		10.0	72.11	4	mg/L		93	90 - 110
Fluoride	<0.500	U	10.0	10.65		mg/L		105	90 - 110

Lab Sample ID: 860-99046-F-1 MSD
Matrix: Water
Analysis Batch: 231264

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
Chloride	62.8		10.0	72.13	4	mg/L		93	90 - 110	0	15
Fluoride	<0.500	U	10.0	10.69		mg/L		106	90 - 110	0	15

Lab Sample ID: MB 880-108469/1-A
Matrix: Solid
Analysis Batch: 108476

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/23/25 23:03	1

Lab Sample ID: LCS 880-108469/2-A
Matrix: Solid
Analysis Batch: 108476

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.5		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-108469/3-A
Matrix: Solid
Analysis Batch: 108476

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	258.9		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-57201-A-8-D MS
Matrix: Solid
Analysis Batch: 108476

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	789	F1	252	1066		mg/Kg		110	90 - 110

Lab Sample ID: 880-57201-A-8-E MSD
Matrix: Solid
Analysis Batch: 108476

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	789	F1	252	1067	F1	mg/Kg		111	90 - 110	0	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-108487/1-A
Matrix: Solid
Analysis Batch: 108557

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/24/25 16:36	1

Lab Sample ID: LCS 880-108487/2-A
Matrix: Solid
Analysis Batch: 108557

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	266.4		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-108487/3-A
Matrix: Solid
Analysis Batch: 108557

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	266.0		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 890-8020-4 MS
Matrix: Solid
Analysis Batch: 108557

Client Sample ID: SB-WEST-18-20
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	212	F1	252	509.0	F1	mg/Kg		118	90 - 110		

Lab Sample ID: 890-8020-4 MSD
Matrix: Solid
Analysis Batch: 108557

Client Sample ID: SB-WEST-18-20
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	212	F1	252	508.9	F1	mg/Kg		118	90 - 110	0	20

Lab Sample ID: MB 880-108590/1-A
Matrix: Solid
Analysis Batch: 108601

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/25/25 01:05	1

Lab Sample ID: LCS 880-108590/2-A
Matrix: Solid
Analysis Batch: 108601

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	256.4		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-108590/3-A
Matrix: Solid
Analysis Batch: 108601

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	252.4		mg/Kg		101	90 - 110	2	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-8020-18 MS
Matrix: Solid
Analysis Batch: 108601

Client Sample ID: SB-WEST-88-90
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	56.5	F1	251	368.0	F1	mg/Kg		124	90 - 110		

Lab Sample ID: 890-8020-18 MSD
Matrix: Solid
Analysis Batch: 108601

Client Sample ID: SB-WEST-88-90
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	56.5	F1	251	367.1	F1	mg/Kg		124	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

GC/MS VOA

Analysis Batch: 232527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-22	EB-04-22-25-01	Total/NA	Water	8260C	
MB 860-232527/7	Method Blank	Total/NA	Water	8260C	
LCS 860-232527/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-232527/4	Lab Control Sample Dup	Total/NA	Water	8260C	
890-8020-22 MS	EB-04-22-25-01	Total/NA	Water	8260C	

Analysis Batch: 232897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-22	EB-04-22-25-01	Total/NA	Water	Total BTEX	

GC VOA

Prep Batch: 108452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-23	SB-WEST-100-102	Total/NA	Solid	5035	
890-8020-24	SB-WEST-DUP	Total/NA	Solid	5035	
880-56959-A-19-A MB	Method Blank	Total/NA	Solid	5035	
LCS 880-108452/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108452/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57196-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-57196-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 108849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-21	TB-04-22-25-01	Total/NA	Water	8021B	
MB 880-108849/8	Method Blank	Total/NA	Water	8021B	
LCS 880-108849/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-108849/4	Lab Control Sample Dup	Total/NA	Water	8021B	
880-57164-G-1 MS	Matrix Spike	Total/NA	Water	8021B	
880-57164-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

Analysis Batch: 108909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-23	SB-WEST-100-102	Total/NA	Solid	8021B	108452
890-8020-24	SB-WEST-DUP	Total/NA	Solid	8021B	108452
880-56959-A-19-A MB	Method Blank	Total/NA	Solid	8021B	108452
MB 880-108912/5-A	Method Blank	Total/NA	Solid	8021B	108912
LCS 880-108452/1-A	Lab Control Sample	Total/NA	Solid	8021B	108452
LCSD 880-108452/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108452
880-57196-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	108452
880-57196-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	108452

Prep Batch: 108912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-108912/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 108943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-1	SB-WEST-3-5	Total/NA	Solid	Total BTEX	
890-8020-2	SB-WEST-8-10	Total/NA	Solid	Total BTEX	
890-8020-3	SB-WEST-13-15	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

GC VOA (Continued)

Analysis Batch: 108943 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-4	SB-WEST-18-20	Total/NA	Solid	Total BTEX	
890-8020-5	SB-WEST-23-25	Total/NA	Solid	Total BTEX	
890-8020-6	SB-WEST-28-30	Total/NA	Solid	Total BTEX	
890-8020-7	SB-WEST-33-35	Total/NA	Solid	Total BTEX	
890-8020-8	SB-WEST-38-40	Total/NA	Solid	Total BTEX	
890-8020-9	SB-WEST-43-45	Total/NA	Solid	Total BTEX	
890-8020-10	SB-WEST-48-50	Total/NA	Solid	Total BTEX	
890-8020-11	SB-WEST-53-55	Total/NA	Solid	Total BTEX	
890-8020-12	SB-WEST-58-60	Total/NA	Solid	Total BTEX	
890-8020-13	SB-WEST-63-65	Total/NA	Solid	Total BTEX	
890-8020-14	SB-WEST-68-70	Total/NA	Solid	Total BTEX	
890-8020-15	SB-WEST-73-75	Total/NA	Solid	Total BTEX	
890-8020-16	SB-WEST-78-80	Total/NA	Solid	Total BTEX	
890-8020-17	SB-WEST-83-85	Total/NA	Solid	Total BTEX	
890-8020-18	SB-WEST-88-90	Total/NA	Solid	Total BTEX	
890-8020-19	SB-WEST-93-95	Total/NA	Solid	Total BTEX	
890-8020-20	SB-WEST-98-100	Total/NA	Solid	Total BTEX	
890-8020-21	TB-04-22-25-01	Total/NA	Water	Total BTEX	
890-8020-23	SB-WEST-100-102	Total/NA	Solid	Total BTEX	
890-8020-24	SB-WEST-DUP	Total/NA	Solid	Total BTEX	

Analysis Batch: 109029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-1	SB-WEST-3-5	Total/NA	Solid	8021B	109037
890-8020-2	SB-WEST-8-10	Total/NA	Solid	8021B	109037
890-8020-3	SB-WEST-13-15	Total/NA	Solid	8021B	109037
890-8020-4	SB-WEST-18-20	Total/NA	Solid	8021B	109037
890-8020-5	SB-WEST-23-25	Total/NA	Solid	8021B	109037
890-8020-6	SB-WEST-28-30	Total/NA	Solid	8021B	109037
890-8020-7	SB-WEST-33-35	Total/NA	Solid	8021B	109037
890-8020-8	SB-WEST-38-40	Total/NA	Solid	8021B	109037
890-8020-9	SB-WEST-43-45	Total/NA	Solid	8021B	109037
890-8020-10	SB-WEST-48-50	Total/NA	Solid	8021B	109037
MB 880-109037/5-A	Method Blank	Total/NA	Solid	8021B	109037
LCS 880-109037/1-A	Lab Control Sample	Total/NA	Solid	8021B	109037
LCSD 880-109037/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109037
890-8045-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	109037
890-8045-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	109037

Analysis Batch: 109031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-11	SB-WEST-53-55	Total/NA	Solid	8021B	109038
890-8020-12	SB-WEST-58-60	Total/NA	Solid	8021B	109038
890-8020-13	SB-WEST-63-65	Total/NA	Solid	8021B	109038
890-8020-14	SB-WEST-68-70	Total/NA	Solid	8021B	109038
890-8020-15	SB-WEST-73-75	Total/NA	Solid	8021B	109038
890-8020-16	SB-WEST-78-80	Total/NA	Solid	8021B	109038
890-8020-17	SB-WEST-83-85	Total/NA	Solid	8021B	109038
890-8020-18	SB-WEST-88-90	Total/NA	Solid	8021B	109038
890-8020-19	SB-WEST-93-95	Total/NA	Solid	8021B	109038
890-8020-20	SB-WEST-98-100	Total/NA	Solid	8021B	109038

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

GC VOA (Continued)

Analysis Batch: 109031 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-109038/5-A	Method Blank	Total/NA	Solid	8021B	109038
LCS 880-109038/1-A	Lab Control Sample	Total/NA	Solid	8021B	109038
LCSD 880-109038/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109038
890-8045-A-6-C MS	Matrix Spike	Total/NA	Solid	8021B	109038
890-8045-A-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	109038

Prep Batch: 109037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-1	SB-WEST-3-5	Total/NA	Solid	5035	
890-8020-2	SB-WEST-8-10	Total/NA	Solid	5035	
890-8020-3	SB-WEST-13-15	Total/NA	Solid	5035	
890-8020-4	SB-WEST-18-20	Total/NA	Solid	5035	
890-8020-5	SB-WEST-23-25	Total/NA	Solid	5035	
890-8020-6	SB-WEST-28-30	Total/NA	Solid	5035	
890-8020-7	SB-WEST-33-35	Total/NA	Solid	5035	
890-8020-8	SB-WEST-38-40	Total/NA	Solid	5035	
890-8020-9	SB-WEST-43-45	Total/NA	Solid	5035	
890-8020-10	SB-WEST-48-50	Total/NA	Solid	5035	
MB 880-109037/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109037/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109037/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8045-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-8045-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 109038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-11	SB-WEST-53-55	Total/NA	Solid	5035	
890-8020-12	SB-WEST-58-60	Total/NA	Solid	5035	
890-8020-13	SB-WEST-63-65	Total/NA	Solid	5035	
890-8020-14	SB-WEST-68-70	Total/NA	Solid	5035	
890-8020-15	SB-WEST-73-75	Total/NA	Solid	5035	
890-8020-16	SB-WEST-78-80	Total/NA	Solid	5035	
890-8020-17	SB-WEST-83-85	Total/NA	Solid	5035	
890-8020-18	SB-WEST-88-90	Total/NA	Solid	5035	
890-8020-19	SB-WEST-93-95	Total/NA	Solid	5035	
890-8020-20	SB-WEST-98-100	Total/NA	Solid	5035	
MB 880-109038/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109038/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109038/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8045-A-6-C MS	Matrix Spike	Total/NA	Solid	5035	
890-8045-A-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 108212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-1	SB-WEST-3-5	Total/NA	Solid	8015NM Prep	
890-8020-2	SB-WEST-8-10	Total/NA	Solid	8015NM Prep	
890-8020-3	SB-WEST-13-15	Total/NA	Solid	8015NM Prep	
890-8020-4	SB-WEST-18-20	Total/NA	Solid	8015NM Prep	
890-8020-5	SB-WEST-23-25	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

GC Semi VOA (Continued)

Prep Batch: 108212 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-6	SB-WEST-28-30	Total/NA	Solid	8015NM Prep	
890-8020-7	SB-WEST-33-35	Total/NA	Solid	8015NM Prep	
890-8020-8	SB-WEST-38-40	Total/NA	Solid	8015NM Prep	
MB 880-108212/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108212/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108212/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57103-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-57103-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 108435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-9	SB-WEST-43-45	Total/NA	Solid	8015NM Prep	
890-8020-10	SB-WEST-48-50	Total/NA	Solid	8015NM Prep	
890-8020-11	SB-WEST-53-55	Total/NA	Solid	8015NM Prep	
890-8020-12	SB-WEST-58-60	Total/NA	Solid	8015NM Prep	
890-8020-13	SB-WEST-63-65	Total/NA	Solid	8015NM Prep	
890-8020-14	SB-WEST-68-70	Total/NA	Solid	8015NM Prep	
890-8020-15	SB-WEST-73-75	Total/NA	Solid	8015NM Prep	
890-8020-16	SB-WEST-78-80	Total/NA	Solid	8015NM Prep	
890-8020-17	SB-WEST-83-85	Total/NA	Solid	8015NM Prep	
890-8020-18	SB-WEST-88-90	Total/NA	Solid	8015NM Prep	
890-8020-19	SB-WEST-93-95	Total/NA	Solid	8015NM Prep	
890-8020-20	SB-WEST-98-100	Total/NA	Solid	8015NM Prep	
890-8020-23	SB-WEST-100-102	Total/NA	Solid	8015NM Prep	
890-8020-24	SB-WEST-DUP	Total/NA	Solid	8015NM Prep	
MB 880-108435/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108435/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108435/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57199-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-57199-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 108758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-1	SB-WEST-3-5	Total/NA	Solid	8015B NM	108212
890-8020-2	SB-WEST-8-10	Total/NA	Solid	8015B NM	108212
890-8020-3	SB-WEST-13-15	Total/NA	Solid	8015B NM	108212
890-8020-4	SB-WEST-18-20	Total/NA	Solid	8015B NM	108212
890-8020-5	SB-WEST-23-25	Total/NA	Solid	8015B NM	108212
890-8020-6	SB-WEST-28-30	Total/NA	Solid	8015B NM	108212
890-8020-7	SB-WEST-33-35	Total/NA	Solid	8015B NM	108212
890-8020-8	SB-WEST-38-40	Total/NA	Solid	8015B NM	108212
MB 880-108212/1-A	Method Blank	Total/NA	Solid	8015B NM	108212
LCS 880-108212/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108212
LCSD 880-108212/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108212
880-57103-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	108212
880-57103-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	108212

Analysis Batch: 108761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-9	SB-WEST-43-45	Total/NA	Solid	8015B NM	108435
890-8020-10	SB-WEST-48-50	Total/NA	Solid	8015B NM	108435

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

GC Semi VOA (Continued)

Analysis Batch: 108761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-11	SB-WEST-53-55	Total/NA	Solid	8015B NM	108435
890-8020-12	SB-WEST-58-60	Total/NA	Solid	8015B NM	108435
890-8020-13	SB-WEST-63-65	Total/NA	Solid	8015B NM	108435
890-8020-14	SB-WEST-68-70	Total/NA	Solid	8015B NM	108435
890-8020-15	SB-WEST-73-75	Total/NA	Solid	8015B NM	108435
890-8020-16	SB-WEST-78-80	Total/NA	Solid	8015B NM	108435
890-8020-17	SB-WEST-83-85	Total/NA	Solid	8015B NM	108435
890-8020-18	SB-WEST-88-90	Total/NA	Solid	8015B NM	108435
890-8020-19	SB-WEST-93-95	Total/NA	Solid	8015B NM	108435
890-8020-20	SB-WEST-98-100	Total/NA	Solid	8015B NM	108435
890-8020-23	SB-WEST-100-102	Total/NA	Solid	8015B NM	108435
890-8020-24	SB-WEST-DUP	Total/NA	Solid	8015B NM	108435
MB 880-108435/1-A	Method Blank	Total/NA	Solid	8015B NM	108435
LCS 880-108435/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108435
LCSD 880-108435/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108435
880-57199-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	108435
880-57199-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	108435

Analysis Batch: 108863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-1	SB-WEST-3-5	Total/NA	Solid	8015 NM	
890-8020-2	SB-WEST-8-10	Total/NA	Solid	8015 NM	
890-8020-3	SB-WEST-13-15	Total/NA	Solid	8015 NM	
890-8020-4	SB-WEST-18-20	Total/NA	Solid	8015 NM	
890-8020-5	SB-WEST-23-25	Total/NA	Solid	8015 NM	
890-8020-6	SB-WEST-28-30	Total/NA	Solid	8015 NM	
890-8020-7	SB-WEST-33-35	Total/NA	Solid	8015 NM	
890-8020-8	SB-WEST-38-40	Total/NA	Solid	8015 NM	
890-8020-9	SB-WEST-43-45	Total/NA	Solid	8015 NM	
890-8020-10	SB-WEST-48-50	Total/NA	Solid	8015 NM	
890-8020-11	SB-WEST-53-55	Total/NA	Solid	8015 NM	
890-8020-12	SB-WEST-58-60	Total/NA	Solid	8015 NM	
890-8020-13	SB-WEST-63-65	Total/NA	Solid	8015 NM	
890-8020-14	SB-WEST-68-70	Total/NA	Solid	8015 NM	
890-8020-15	SB-WEST-73-75	Total/NA	Solid	8015 NM	
890-8020-16	SB-WEST-78-80	Total/NA	Solid	8015 NM	
890-8020-17	SB-WEST-83-85	Total/NA	Solid	8015 NM	
890-8020-18	SB-WEST-88-90	Total/NA	Solid	8015 NM	
890-8020-19	SB-WEST-93-95	Total/NA	Solid	8015 NM	
890-8020-20	SB-WEST-98-100	Total/NA	Solid	8015 NM	
890-8020-23	SB-WEST-100-102	Total/NA	Solid	8015 NM	
890-8020-24	SB-WEST-DUP	Total/NA	Solid	8015 NM	

Analysis Batch: 231901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-22	EB-04-22-25-01	Total/NA	Water	8015B NM	231920
MB 860-231920/1-A	Method Blank	Total/NA	Water	8015B NM	231920
LCS 860-231920/2-A	Lab Control Sample	Total/NA	Water	8015B NM	231920
LCSD 860-231920/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	231920

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

GC Semi VOA

Prep Batch: 231920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-22	EB-04-22-25-01	Total/NA	Water	8015NM Aq Prep	
MB 860-231920/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 860-231920/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 860-231920/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	

Analysis Batch: 232228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-22	EB-04-22-25-01	Total/NA	Water	8015 NM	

HPLC/IC

Leach Batch: 108469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-14	SB-WEST-68-70	Soluble	Solid	DI Leach	
890-8020-15	SB-WEST-73-75	Soluble	Solid	DI Leach	
890-8020-16	SB-WEST-78-80	Soluble	Solid	DI Leach	
890-8020-17	SB-WEST-83-85	Soluble	Solid	DI Leach	
MB 880-108469/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108469/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108469/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57201-A-8-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-57201-A-8-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 108476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-14	SB-WEST-68-70	Soluble	Solid	300.0	108469
890-8020-15	SB-WEST-73-75	Soluble	Solid	300.0	108469
890-8020-16	SB-WEST-78-80	Soluble	Solid	300.0	108469
890-8020-17	SB-WEST-83-85	Soluble	Solid	300.0	108469
MB 880-108469/1-A	Method Blank	Soluble	Solid	300.0	108469
LCS 880-108469/2-A	Lab Control Sample	Soluble	Solid	300.0	108469
LCSD 880-108469/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108469
880-57201-A-8-D MS	Matrix Spike	Soluble	Solid	300.0	108469
880-57201-A-8-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	108469

Leach Batch: 108487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-1	SB-WEST-3-5	Soluble	Solid	DI Leach	
890-8020-2	SB-WEST-8-10	Soluble	Solid	DI Leach	
890-8020-3	SB-WEST-13-15	Soluble	Solid	DI Leach	
890-8020-4	SB-WEST-18-20	Soluble	Solid	DI Leach	
890-8020-5	SB-WEST-23-25	Soluble	Solid	DI Leach	
890-8020-6	SB-WEST-28-30	Soluble	Solid	DI Leach	
890-8020-7	SB-WEST-33-35	Soluble	Solid	DI Leach	
890-8020-8	SB-WEST-38-40	Soluble	Solid	DI Leach	
890-8020-9	SB-WEST-43-45	Soluble	Solid	DI Leach	
890-8020-10	SB-WEST-48-50	Soluble	Solid	DI Leach	
890-8020-11	SB-WEST-53-55	Soluble	Solid	DI Leach	
890-8020-12	SB-WEST-58-60	Soluble	Solid	DI Leach	
890-8020-13	SB-WEST-63-65	Soluble	Solid	DI Leach	
MB 880-108487/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

HPLC/IC (Continued)

Leach Batch: 108487 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-108487/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108487/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8020-4 MS	SB-WEST-18-20	Soluble	Solid	DI Leach	
890-8020-4 MSD	SB-WEST-18-20	Soluble	Solid	DI Leach	

Analysis Batch: 108557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-1	SB-WEST-3-5	Soluble	Solid	300.0	108487
890-8020-2	SB-WEST-8-10	Soluble	Solid	300.0	108487
890-8020-3	SB-WEST-13-15	Soluble	Solid	300.0	108487
890-8020-4	SB-WEST-18-20	Soluble	Solid	300.0	108487
890-8020-5	SB-WEST-23-25	Soluble	Solid	300.0	108487
890-8020-6	SB-WEST-28-30	Soluble	Solid	300.0	108487
890-8020-7	SB-WEST-33-35	Soluble	Solid	300.0	108487
890-8020-8	SB-WEST-38-40	Soluble	Solid	300.0	108487
890-8020-9	SB-WEST-43-45	Soluble	Solid	300.0	108487
890-8020-10	SB-WEST-48-50	Soluble	Solid	300.0	108487
890-8020-11	SB-WEST-53-55	Soluble	Solid	300.0	108487
890-8020-12	SB-WEST-58-60	Soluble	Solid	300.0	108487
890-8020-13	SB-WEST-63-65	Soluble	Solid	300.0	108487
MB 880-108487/1-A	Method Blank	Soluble	Solid	300.0	108487
LCS 880-108487/2-A	Lab Control Sample	Soluble	Solid	300.0	108487
LCSD 880-108487/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108487
890-8020-4 MS	SB-WEST-18-20	Soluble	Solid	300.0	108487
890-8020-4 MSD	SB-WEST-18-20	Soluble	Solid	300.0	108487

Leach Batch: 108590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-18	SB-WEST-88-90	Soluble	Solid	DI Leach	
890-8020-19	SB-WEST-93-95	Soluble	Solid	DI Leach	
890-8020-20	SB-WEST-98-100	Soluble	Solid	DI Leach	
890-8020-23	SB-WEST-100-102	Soluble	Solid	DI Leach	
890-8020-24	SB-WEST-DUP	Soluble	Solid	DI Leach	
MB 880-108590/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108590/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108590/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8020-18 MS	SB-WEST-88-90	Soluble	Solid	DI Leach	
890-8020-18 MSD	SB-WEST-88-90	Soluble	Solid	DI Leach	

Analysis Batch: 108601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-18	SB-WEST-88-90	Soluble	Solid	300.0	108590
890-8020-19	SB-WEST-93-95	Soluble	Solid	300.0	108590
890-8020-20	SB-WEST-98-100	Soluble	Solid	300.0	108590
890-8020-23	SB-WEST-100-102	Soluble	Solid	300.0	108590
890-8020-24	SB-WEST-DUP	Soluble	Solid	300.0	108590
MB 880-108590/1-A	Method Blank	Soluble	Solid	300.0	108590
LCS 880-108590/2-A	Lab Control Sample	Soluble	Solid	300.0	108590
LCSD 880-108590/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108590
890-8020-18 MS	SB-WEST-88-90	Soluble	Solid	300.0	108590
890-8020-18 MSD	SB-WEST-88-90	Soluble	Solid	300.0	108590

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

HPLC/IC

Analysis Batch: 231264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8020-22	EB-04-22-25-01	Total/NA	Water	300.0	
MB 860-231264/3	Method Blank	Total/NA	Water	300.0	
LCS 860-231264/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-231264/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-231264/7	Lab Control Sample	Total/NA	Water	300.0	
860-99046-F-1 MS	Matrix Spike	Total/NA	Water	300.0	
860-99046-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-3-5
Date Collected: 04/22/25 10:00
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	109037	04/30/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109029	04/30/25 13:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 13:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108212	04/21/25 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108758	04/27/25 08:52	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 18:43	CH	EET MID

Client Sample ID: SB-WEST-8-10
Date Collected: 04/22/25 10:15
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	109037	04/30/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109029	04/30/25 14:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 14:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 09:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108212	04/21/25 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108758	04/27/25 09:07	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 18:51	CH	EET MID

Client Sample ID: SB-WEST-13-15
Date Collected: 04/22/25 10:25
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	109037	04/30/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109029	04/30/25 14:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 14:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 09:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	108212	04/21/25 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108758	04/27/25 09:21	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 18:58	CH	EET MID

Client Sample ID: SB-WEST-18-20
Date Collected: 04/22/25 10:40
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	109037	04/30/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109029	04/30/25 14:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 14:44	SM	EET MID

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Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-18-20
Date Collected: 04/22/25 10:40
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108863	04/27/25 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108212	04/21/25 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108758	04/27/25 09:36	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 19:06	CH	EET MID

Client Sample ID: SB-WEST-23-25
Date Collected: 04/22/25 10:50
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	109037	04/30/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109029	04/30/25 15:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 09:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108212	04/21/25 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108758	04/27/25 09:51	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 19:28	CH	EET MID

Client Sample ID: SB-WEST-28-30
Date Collected: 04/22/25 11:10
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	109037	04/30/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109029	04/30/25 16:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 16:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	108212	04/21/25 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108758	04/27/25 10:06	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 19:36	CH	EET MID

Client Sample ID: SB-WEST-33-35
Date Collected: 04/22/25 11:30
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	109037	04/30/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109029	04/30/25 16:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 16:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 10:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	108212	04/21/25 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108758	04/27/25 10:21	TKC	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-33-35

Lab Sample ID: 890-8020-7
Matrix: Solid
Date Collected: 04/22/25 11:30
Date Received: 04/22/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 19:59	CH	EET MID

Client Sample ID: SB-WEST-38-40

Lab Sample ID: 890-8020-8
Matrix: Solid
Date Collected: 04/22/25 11:50
Date Received: 04/22/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	109037	04/30/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109029	04/30/25 17:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 17:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 10:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108212	04/21/25 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108758	04/27/25 10:36	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 20:06	CH	EET MID

Client Sample ID: SB-WEST-43-45

Lab Sample ID: 890-8020-9
Matrix: Solid
Date Collected: 04/22/25 12:10
Date Received: 04/22/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	109037	04/30/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109029	04/30/25 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 17:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 06:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 06:21	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 20:14	CH	EET MID

Client Sample ID: SB-WEST-48-50

Lab Sample ID: 890-8020-10
Matrix: Solid
Date Collected: 04/22/25 13:05
Date Received: 04/22/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	109037	04/30/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109029	04/30/25 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 17:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 06:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 06:36	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 20:21	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-53-55

Lab Sample ID: 890-8020-11
Matrix: Solid
Date Collected: 04/22/25 13:15
Date Received: 04/22/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	109038	04/30/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 13:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 06:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 06:50	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 20:28	CH	EET MID

Client Sample ID: SB-WEST-58-60

Lab Sample ID: 890-8020-12
Matrix: Solid
Date Collected: 04/22/25 13:20
Date Received: 04/22/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	109038	04/30/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 14:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 07:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 07:06	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 20:36	CH	EET MID

Client Sample ID: SB-WEST-63-65

Lab Sample ID: 890-8020-13
Matrix: Solid
Date Collected: 04/22/25 13:30
Date Received: 04/22/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	109038	04/30/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 14:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 07:20	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 07:20	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	108487	04/23/25 16:45	SI	EET MID
Soluble	Analysis	300.0		1			108557	04/24/25 20:43	CH	EET MID

Client Sample ID: SB-WEST-68-70

Lab Sample ID: 890-8020-14
Matrix: Solid
Date Collected: 04/22/25 13:35
Date Received: 04/22/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	109038	04/30/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 14:54	SM	EET MID

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Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-68-70
Date Collected: 04/22/25 13:35
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108863	04/27/25 07:37	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 07:37	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108469	04/23/25 15:27	SI	EET MID
Soluble	Analysis	300.0		1			108476	04/24/25 01:35	CH	EET MID

Client Sample ID: SB-WEST-73-75
Date Collected: 04/22/25 13:45
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	109038	04/30/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 15:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 07:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 07:51	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108469	04/23/25 15:27	SI	EET MID
Soluble	Analysis	300.0		1			108476	04/24/25 01:41	CH	EET MID

Client Sample ID: SB-WEST-78-80
Date Collected: 04/22/25 13:50
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	109038	04/30/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 16:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 16:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 08:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 08:22	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108469	04/23/25 15:27	SI	EET MID
Soluble	Analysis	300.0		1			108476	04/24/25 01:47	CH	EET MID

Client Sample ID: SB-WEST-83-85
Date Collected: 04/22/25 13:56
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	109038	04/30/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 17:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 17:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 08:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 08:37	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: SB-WEST-83-85
Date Collected: 04/22/25 13:56
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	108469	04/23/25 15:27	SI	EET MID
Soluble	Analysis	300.0		1			108476	04/24/25 01:52	CH	EET MID

Client Sample ID: SB-WEST-88-90
Date Collected: 04/22/25 14:00
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	109038	04/30/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 17:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 08:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 08:52	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108590	04/24/25 15:09	SI	EET MID
Soluble	Analysis	300.0		1			108601	04/25/25 03:12	CH	EET MID

Client Sample ID: SB-WEST-93-95
Date Collected: 04/22/25 14:05
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	109038	04/30/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 17:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 17:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 09:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 09:07	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108590	04/24/25 15:09	SI	EET MID
Soluble	Analysis	300.0		1			108601	04/25/25 03:34	CH	EET MID

Client Sample ID: SB-WEST-98-100
Date Collected: 04/22/25 14:15
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	109038	04/30/25 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 18:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 09:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 09:21	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108590	04/24/25 15:09	SI	EET MID
Soluble	Analysis	300.0		1			108601	04/25/25 03:41	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Client Sample ID: TB-04-22-25-01
Date Collected: 04/22/25 00:00
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-21
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	8021B		1	5 mL	5 mL	108849	04/28/25 20:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/28/25 20:49	SM	EET MID

Client Sample ID: EB-04-22-25-01
Date Collected: 04/22/25 14:20
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-22
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	232527	04/30/25 11:57	MS	EET HOU
Total/NA	Analysis	Total BTEX		1			232897	04/30/25 11:57	KLV	EET HOU
Total/NA	Analysis	8015 NM		1			232228	04/28/25 10:09	IS	EET HOU
Total/NA	Prep	8015NM Aq Prep			30.4 mL	3 mL	231920	04/28/25 07:35	TH	EET HOU
Total/NA	Analysis	8015B NM		1			231901	04/28/25 10:09	W1N	EET HOU
Total/NA	Analysis	300.0		1			231264	04/24/25 15:25	WP	EET HOU

Client Sample ID: SB-WEST-100-102
Date Collected: 04/22/25 14:25
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108452	04/23/25 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108909	04/30/25 04:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 04:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 09:36	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108590	04/24/25 15:09	SI	EET MID
Soluble	Analysis	300.0		1			108601	04/25/25 04:04	CH	EET MID

Client Sample ID: SB-WEST-DUP
Date Collected: 04/22/25 00:00
Date Received: 04/22/25 15:40

Lab Sample ID: 890-8020-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108452	04/23/25 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108909	04/30/25 04:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108943	04/30/25 04:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			108863	04/27/25 09:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108435	04/23/25 12:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108761	04/27/25 09:51	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108590	04/24/25 15:09	SI	EET MID
Soluble	Analysis	300.0		1			108601	04/25/25 04:11	CH	EET MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	07-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Water	Total TPH
8015B NM	8015NM Aq Prep	Water	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Aq Prep	Water	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Aq Prep	Water	Oil Range Organics (Over C28-C36)
Total BTEX		Water	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX
Total BTEX		Water	Total BTEX

Method Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
5030C	Purge and Trap	SW846	EET HOU
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Aq Prep	Microextraction	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8020-1
SDG: 639242 pH 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8020-1	SB-WEST-3-5	Solid	04/22/25 10:00	04/22/25 15:40	3-5
890-8020-2	SB-WEST-8-10	Solid	04/22/25 10:15	04/22/25 15:40	8-10
890-8020-3	SB-WEST-13-15	Solid	04/22/25 10:25	04/22/25 15:40	13-15
890-8020-4	SB-WEST-18-20	Solid	04/22/25 10:40	04/22/25 15:40	18-20
890-8020-5	SB-WEST-23-25	Solid	04/22/25 10:50	04/22/25 15:40	23-25
890-8020-6	SB-WEST-28-30	Solid	04/22/25 11:10	04/22/25 15:40	28-30
890-8020-7	SB-WEST-33-35	Solid	04/22/25 11:30	04/22/25 15:40	33-35
890-8020-8	SB-WEST-38-40	Solid	04/22/25 11:50	04/22/25 15:40	38-40
890-8020-9	SB-WEST-43-45	Solid	04/22/25 12:10	04/22/25 15:40	43-45
890-8020-10	SB-WEST-48-50	Solid	04/22/25 13:05	04/22/25 15:40	48-50
890-8020-11	SB-WEST-53-55	Solid	04/22/25 13:15	04/22/25 15:40	53-55
890-8020-12	SB-WEST-58-60	Solid	04/22/25 13:20	04/22/25 15:40	58-60
890-8020-13	SB-WEST-63-65	Solid	04/22/25 13:30	04/22/25 15:40	63-65
890-8020-14	SB-WEST-68-70	Solid	04/22/25 13:35	04/22/25 15:40	68-70
890-8020-15	SB-WEST-73-75	Solid	04/22/25 13:45	04/22/25 15:40	73-75
890-8020-16	SB-WEST-78-80	Solid	04/22/25 13:50	04/22/25 15:40	78-80
890-8020-17	SB-WEST-83-85	Solid	04/22/25 13:56	04/22/25 15:40	83-85
890-8020-18	SB-WEST-88-90	Solid	04/22/25 14:00	04/22/25 15:40	88-90
890-8020-19	SB-WEST-93-95	Solid	04/22/25 14:05	04/22/25 15:40	93-95
890-8020-20	SB-WEST-98-100	Solid	04/22/25 14:15	04/22/25 15:40	98-100
890-8020-21	TB-04-22-25-01	Water	04/22/25 00:00	04/22/25 15:40	
890-8020-22	EB-04-22-25-01	Water	04/22/25 14:20	04/22/25 15:40	
890-8020-23	SB-WEST-100-102	Solid	04/22/25 14:25	04/22/25 15:40	100-102
890-8020-24	SB-WEST-DUP	Solid	04/22/25 00:00	04/22/25 15:40	

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

890-8020 Chain of Custody

Project Manager:	Marianne Link	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E Huntland Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	(919) 943-2631	Email:	mlink@trcompanies.com

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	T-970	Turn Around	
Project Number:	639242 Ph 2	☐ Routine ☐ Rush	
Project Location:	Artesia, NM	Due Date:	
Sampler's Name:	Robert Wiley	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	Thermo	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	5.2	
Total Containers:		Corrected Temperature:	5.0	

Pres. Code / Parameters: BTEX 8021 | TPH 8015M | Chloride 300

Preservative Codes
None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Sample Comments
SB-west-3-5	S	042225	1000	3-5'	G	1	
SB-west-8-10			1015	8-10'			
SB-west-13-15			1025	13-15			
SB-west-18-20			1040	18-20			
SB-west-23-25			1050	23-25			
SB-west-28-30			1110	28-30			
SB-west-33-35			1130	33-35			
SB-west-38-40			1150	38-40			
SB-west-43-45			1210	43-45			SB-west-43-45
SB-west-48-50	S	042225	1305	48-50	G	1	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			042225 1500	2		
3			15:40 4/22			
5				6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
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El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

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Project Manager:	Marianne Link	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E Huntland Ste 250	Address:	
City, State ZIP:	Austin, TX 78750	City, State ZIP:	
Phone:	(919)443-2631	Email:	mlink@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	T-970	Turn Around	
Project Number:	639242 Ph2	☐ Routine ☐ Rush	
Project Location:	Artesia, NM	Due Date:	
Sampler's Name:	Robert Nyberg	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021	TPH 8015M	Chloride 300	Sample Comments
SB-west-53-55	S	042225	1315	53-55	G	1		X	X	X	
SB-west-58-60			1320	58-60							
SB-west-63-65			1330	63-65							
SB-west-68-70			1335	68-70							
SB-west-73-75			1345	73-75							
SB-west-78-80			1350	78-80							
SB-west-83-85			1356	83-85							
SB-west-88-90			1400	88-90							
SB-west-93-95			1405	93-95							
SB-west 98-100	S	042225	1415	98-100	G	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			4/22 2545:00	2		
3			15:40 4/24	4		
5				6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
~~El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296~~
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 3 of _____

Project Manager:	Mandy Linke	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E Huntland Dr Ste 250	Address:	
City, State ZIP:	Austin, TX 78750	City, State ZIP:	
Phone:	(919) 943-2631	Email:	mlinke@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	T-970	Turn Around	
Project Number:	639242 Ph 2	☑ Routine ☐ Rush	
Project Location:	Artesia, NM	Due Date:	
Sampler's Name:	Robert Pistus	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021	TPH 8015 NM	Chloride 300	Sample Comments
TB-04-22-25-01	S	042225	—	—	G	2		X			
EB-04-22-25-01	S	↓	1420	—	↓	5		X	XX		
SB-west-100-102	S	↓	1425	100-102	↓	1		↓	↓	↓	
SB-west-DUP	S	042225	—	—	G	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		042225 1500	2		
3		15:40 4/22	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer Jessica	Carrier Tracking No(s): N/A	COC No: 890-4963.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8020-1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/28/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: T-970	Project #: 89000189			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/ Chloride & Fluoride	Total_BTEX	8015MOD_NM/8015NM_Aq_Prep Full TPH	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
EB-04-22-25-01 (890-8020-22)	4/22/25	14:20 Central	G	Water			X	X	X	X	5	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested. I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

RECEIVED Apr 2 AM PM

Ver: 10/10/2024

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-4957.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8020-1
Address: 1211 W. Florida Ave,	Due Date Requested: 4/28/2025			Preservation Codes:
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: T-970	Project #: 89000189			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_Calc BTEX	8015MOD_NM/8015NM_S_Prep TPH 8015 NM	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_Calc	Total_BTEX_GCV	8021B/5030B BTEX	Total Number of container(s)	Special Instructions/Note:
			Preservation Code:											
SB-WEST-3-5 (890-8020-1)	4/22/25	10:00 Central	G	Solid			X	X	X	X	X			
SB-WEST-8-10 (890-8020-2)	4/22/25	10:15 Central	G	Solid			X	X	X	X	X			
SB-WEST-13-15 (890-8020-3)	4/22/25	10:25 Central	G	Solid			X	X	X	X	X			
SB-WEST-18-20 (890-8020-4)	4/22/25	10:40 Central	G	Solid			X	X	X	X	X			
SB-WEST-23-25 (890-8020-5)	4/22/25	10:50 Central	G	Solid			X	X	X	X	X			
SB-WEST-28-30 (890-8020-6)	4/22/25	11:10 Central	G	Solid			X	X	X	X	X			
SB-WEST-33-35 (890-8020-7)	4/22/25	11:30 Central	G	Solid			X	X	X	X	X			
SB-WEST-38-40 (890-8020-8)	4/22/25	11:50 Central	G	Solid			X	X	X	X	X			
SB-WEST-43-45 (890-8020-9)	4/22/25	12:10 Central	G	Solid			X	X	X	X	X			

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

Relinquished by:	Date/Time: 4/23 1630	Company	Received by:	Date/Time: 4/24/25 0800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 5.5/5.6 °C IR-8 (-0.1)

Ver: 10/10/2024

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-4957.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8020-1
Address: 1211 W. Florida Ave,	Due Date Requested: 4/28/2025			Preservation Codes:
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: T-970	Project #: 89000189			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Organic, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_Calc BTEX	8015MOD_NM/8015NM_S_Prep TPH 8015 NM	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_Calc	Total_BTEX_GCV	8021B/5030B BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SB-WEST-48-50 (890-8020-10)	4/22/25	13:05 Central	G	Solid			X	X	X	X	X			
SB-WEST-53-55 (890-8020-11)	4/22/25	13:15 Central	G	Solid			X	X	X	X	X			
SB-WEST-58-60 (890-8020-12)	4/22/25	13:20 Central	G	Solid			X	X	X	X	X			
SB-WEST-63-65 (890-8020-13)	4/22/25	13:30 Central	G	Solid			X	X	X	X	X			
SB-WEST-68-70 (890-8020-14)	4/22/25	13:35 Central	G	Solid			X	X	X	X	X			
SB-WEST-73-75 (890-8020-15)	4/22/25	13:45 Central	G	Solid			X	X	X	X	X			
SB-WEST-78-80 (890-8020-16)	4/22/25	13:50 Central	G	Solid			X	X	X	X	X			
SB-WEST-83-85 (890-8020-17)	4/22/25	13:58 Central	G	Solid			X	X	X	X	X			
SB-WEST-88-90 (890-8020-18)	4/22/25	14:00 Central	G	Solid			X	X	X	X	X			

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: [signature]	Date/Time: 4/23 1630	Company	Received by: [signature] Date/Time: 4/24/25 0800 Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: ☑ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.5/5.6°C TR8 (-0.1)

Ver: 10/10/2024

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-4957.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8020-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/28/2025			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: T-970	Project #: 89000189			
Site: N/A	SSOW#: N/A			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/8035FP_Calc BTEX	8015MOD_NM/8015NM_S_Prep TPH 8015 NM	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_Calc	Total_BTEX_GCV	8021B/5030B BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SB-WEST-93-95 (890-8020-19)	4/22/25	14:05 Central	G	Solid			X	X	X	X	X			
SB-WEST-98-100 (890-8020-20)	4/22/25	14:15 Central	G	Solid			X	X	X	X	X			
TB-04-22-25-01 (890-8020-21)	4/22/25	Central	G	Water							X	X		
SB-WEST-100-102 (890-8020-23)	4/22/25	14:25 Central	G	Solid			X	X	X	X	X			
SB-WEST-DUP (890-8020-24)	4/22/25	Central	G	Solid			X	X	X	X	X			

Preservation Codes:
Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analyses/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: [signature]	Date/Time: 4/23 16 30	Company	Received by: Teddy Pantello	Date/Time: 4/24/25 0800	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: ✓ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5.5/5.6 C FK-8 (0.1)

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-8020-1
SDG Number: 639242 pH 2

Login Number: 8020
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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.	N/A	Refer to Job Narrative for details.
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 <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-8020-1
SDG Number: 639242 pH 2

Login Number: 8020
List Number: 3
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 04/24/25 11:52 AM

Question	Answer	Comment
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	
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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-8020-1
SDG Number: 639242 pH 2

Login Number: 8020
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/23/25 08:43 AM

Question	Answer	Comment
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	
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 <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Marianne Link
TRC Solutions, Inc.
505 East Huntland Drive
Suite 250
Austin, Texas 78752

Generated 6/11/2025 5:44:18 PM Revision 1

JOB DESCRIPTION

T-970

JOB NUMBER

890-8027-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
6/11/2025 5:44:18 PM
Revision 1

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: T-970

Laboratory Job ID: 890-8027-1

Table of Contents

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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: TRC Solutions, Inc.
Project: T-970

Job ID: 890-8027-1

Job ID: 890-8027-1 Eurofins Carlsbad

Job Narrative
890-8027-1

REVISION

The report being provided is a revision of the original report sent on 5/1/2025. The report (revision 1) is being revised due to Per client email, requesting interoffice chain of custody to be attached and report chloride for equipment blank.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/23/2025 1:18 PM. 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 time was 1.6°C.

GC/MS VOA
Method 8260C: The matrix spike (MS) recoveries for analytical batch 860-232746 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-8027-A-1-I MS) and (890-8027-A-1-J MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108590 and analytical batch 880-108601 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Client Sample ID: HA-NORTH 2
Date Collected: 04/23/25 09:05
Date Received: 04/23/25 13:18
Sample Depth: 4

Lab Sample ID: 890-8027-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 22:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 22:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 22:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/28/25 09:25	04/28/25 22:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 22:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/28/25 09:25	04/28/25 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/28/25 09:25*	*04/28/25 22:19*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/28/25 09:25*	*04/28/25 22:19*	*1*

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/29/25 17:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/28/25 08:33	04/29/25 17:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/28/25 08:33	04/29/25 17:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/28/25 08:33	04/29/25 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/28/25 08:33*	*04/29/25 17:34*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/28/25 08:33*	*04/29/25 17:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		9.94		mg/Kg			04/25/25 04:34	1

Client Sample ID: HA-DUP
Date Collected: 04/23/25 00:00
Date Received: 04/23/25 13:18

Lab Sample ID: 890-8027-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 22:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 22:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 22:39	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/28/25 09:25	04/28/25 22:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 22:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/28/25 09:25	04/28/25 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/28/25 09:25*	*04/28/25 22:39*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/28/25 09:25*	*04/28/25 22:39*	*1*

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/29/25 18:20	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Client Sample ID: HA-DUP
Date Collected: 04/23/25 00:00
Date Received: 04/23/25 13:18

Lab Sample ID: 890-8027-2
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/28/25 08:33	04/29/25 18:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/28/25 08:33	04/29/25 18:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/28/25 08:33	04/29/25 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/28/25 08:33*	*04/29/25 18:20*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/28/25 08:33*	*04/29/25 18:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.0**		9.90		mg/Kg			04/25/25 04:41	1

Client Sample ID: EB-04-23-25-02
Date Collected: 04/23/25 09:10
Date Received: 04/23/25 13:18

Lab Sample ID: 890-8027-3
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			05/01/25 03:30	1
Toluene	<0.00100	U	0.00100		mg/L			05/01/25 03:30	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			05/01/25 03:30	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			05/01/25 03:30	1
o-Xylene	<0.00100	U	0.00100		mg/L			05/01/25 03:30	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			05/01/25 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*		*05/01/25 03:30*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*05/01/25 03:30*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*05/01/25 03:30*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/01/25 03:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/L			05/01/25 03:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<5.12	U	5.12		mg/L		04/25/25 10:43	04/26/25 00:22	1
Diesel Range Organics (Over C10-C28)	<5.12	U	5.12		mg/L		04/25/25 10:43	04/26/25 00:22	1
Oil Range Organics (Over C28-C36)	<5.12	U	5.12		mg/L		04/25/25 10:43	04/26/25 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 135*	*04/25/25 10:43*	*04/26/25 00:22*	*1*
o-Terphenyl	*82*		*70 - 135*	*04/25/25 10:43*	*04/26/25 00:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			04/28/25 20:36	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Client Sample ID: TB-04-23-25-02

Date Collected: 04/23/25 00:00
Date Received: 04/23/25 13:18

Lab Sample ID: 890-8027-4

Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			04/28/25 21:09	1
Toluene	<0.00200	U	0.00200		mg/L			04/28/25 21:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			04/28/25 21:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			04/28/25 21:09	1
o-Xylene	<0.00200	U	0.00200		mg/L			04/28/25 21:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			04/28/25 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/28/25 21:09*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*		*04/28/25 21:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/L			04/28/25 21:09	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
820-18552-C-2 MS	Matrix Spike	76	101	103	99
890-8027-3	EB-04-23-25-02	91	96	105	97
LCS 860-232746/3	Lab Control Sample	84	99	100	98
LCSD 860-232746/4	Lab Control Sample Dup	87	97	108	97
MB 860-232746/7	Method Blank	85	97	103	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8027-1	HA-NORTH 2	107	93
890-8027-1 MS	HA-NORTH 2	107	101
890-8027-1 MSD	HA-NORTH 2	103	102
890-8027-2	HA-DUP	105	100
LCS 880-108802/1-A	Lab Control Sample	105	102
LCSD 880-108802/2-A	Lab Control Sample Dup	105	101
MB 880-108797/5-A	Method Blank	98	86
MB 880-108802/5-A	Method Blank	96	88

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-57164-G-1 MS	Matrix Spike	99	96
880-57164-G-1 MSD	Matrix Spike Duplicate	102	82
890-8027-4	TB-04-23-25-02	100	83
LCS 880-108849/3	Lab Control Sample	102	96
LCSD 880-108849/4	Lab Control Sample Dup	99	101
MB 880-108849/8	Method Blank	83	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
890-8027-1	HA-NORTH 2	105	98
890-8027-1 MS	HA-NORTH 2	135 S1+	128
890-8027-1 MSD	HA-NORTH 2	139 S1+	129
890-8027-2	HA-DUP	104	96
LCS 880-108789/2-A	Lab Control Sample	114	109
LCSD 880-108789/3-A	Lab Control Sample Dup	119	112
MB 880-108789/1-A	Method Blank	109	106

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-135)	OTPH1 (70-135)
890-8027-3	EB-04-23-25-02	83	82
LCS 860-231605/2-A	Lab Control Sample	118	110
LCSD 860-231605/3-A	Lab Control Sample Dup	128	119
MB 860-231605/1-A	Method Blank	106	103

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

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

Lab Sample ID: MB 860-232746/7
Matrix: Water
Analysis Batch: 232746

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			05/01/25 03:07	1
Toluene	<0.00100	U	0.00100		mg/L			05/01/25 03:07	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			05/01/25 03:07	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			05/01/25 03:07	1
o-Xylene	<0.00100	U	0.00100		mg/L			05/01/25 03:07	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			05/01/25 03:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*63 - 144*		*05/01/25 03:07*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*05/01/25 03:07*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*05/01/25 03:07*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/01/25 03:07*	*1*

Lab Sample ID: LCS 860-232746/3
Matrix: Water
Analysis Batch: 232746

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04848		mg/L		97	75 - 125		
Toluene			0.0500	0.04762		mg/L		95	75 - 130		
Ethylbenzene			0.0500	0.04872		mg/L		97	75 - 125		
m,p-Xylenes			0.0500	0.04994		mg/L		100	75 - 125		
o-Xylene			0.0500	0.05009		mg/L		100	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 860-232746/4
Matrix: Water
Analysis Batch: 232746

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04745		mg/L		95	75 - 125	2	25
Toluene			0.0500	0.04627		mg/L		93	75 - 130	3	25
Ethylbenzene			0.0500	0.04751		mg/L		95	75 - 125	3	25
m,p-Xylenes			0.0500	0.04908		mg/L		98	75 - 125	2	25
o-Xylene			0.0500	0.04986		mg/L		100	75 - 125	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*108*		*75 - 131*
Toluene-d8 (Surr)	*97*		*80 - 120*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

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

Lab Sample ID: 820-18552-C-2 MS
Matrix: Water
Analysis Batch: 232746

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
Toluene	0.277		0.250	0.5405		mg/L		106	59 - 139
Ethylbenzene	0.401		0.250	0.6698		mg/L		107	75 - 125
m,p-Xylenes	0.709		0.250	0.9830		mg/L		110	75 - 125
o-Xylene	0.0139		0.250	0.2877		mg/L		110	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*76*		*63 - 144*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-108797/5-A
Matrix: Solid
Analysis Batch: 108783

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108797

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/28/25 09:09	04/28/25 11:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/28/25 09:09*	*04/28/25 11:20*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/28/25 09:09*	*04/28/25 11:20*	*1*

Lab Sample ID: MB 880-108802/5-A
Matrix: Solid
Analysis Batch: 108783

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108802

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 21:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 21:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 21:57	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/28/25 09:25	04/28/25 21:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:25	04/28/25 21:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/28/25 09:25	04/28/25 21:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/28/25 09:25*	*04/28/25 21:57*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/28/25 09:25*	*04/28/25 21:57*	*1*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-108802/1-A
Matrix: Solid
Analysis Batch: 108783

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108802

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1047		mg/Kg		105	70 - 130		
Toluene			0.100	0.09297		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.09880		mg/Kg		99	70 - 130		
m,p-Xylenes			0.200	0.1996		mg/Kg		100	70 - 130		
o-Xylene			0.100	0.1036		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-108802/2-A
Matrix: Solid
Analysis Batch: 108783

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108802

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1008		mg/Kg		101	70 - 130	4	35
Toluene			0.100	0.08907		mg/Kg		89	70 - 130	4	35
Ethylbenzene			0.100	0.09511		mg/Kg		95	70 - 130	4	35
m,p-Xylenes			0.200	0.1940		mg/Kg		97	70 - 130	3	35
o-Xylene			0.100	0.09965		mg/Kg		100	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-8027-1 MS
Matrix: Solid
Analysis Batch: 108783

Client Sample ID: HA-NORTH 2
Prep Type: Total/NA
Prep Batch: 108802

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1041		mg/Kg		104	70 - 130		
Toluene	<0.00200	U	0.100	0.09181		mg/Kg		92	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09938		mg/Kg		99	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.2023		mg/Kg		101	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1048		mg/Kg		105	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-8027-1 MSD
Matrix: Solid
Analysis Batch: 108783

Client Sample ID: HA-NORTH 2
Prep Type: Total/NA
Prep Batch: 108802

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1042		mg/Kg		104	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09099		mg/Kg		91	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.09692		mg/Kg		97	70 - 130	3	35

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-8027-1 MSD
Matrix: Solid
Analysis Batch: 108783

Client Sample ID: HA-NORTH 2
Prep Type: Total/NA
Prep Batch: 108802

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U	0.200	0.1961		mg/Kg		98	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.1012		mg/Kg		101	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 880-108849/8
Matrix: Water
Analysis Batch: 108849

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/L			04/28/25 15:18	1
Toluene	<0.00200	U	0.00200		mg/L			04/28/25 15:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/L			04/28/25 15:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/L			04/28/25 15:18	1
o-Xylene	<0.00200	U	0.00200		mg/L			04/28/25 15:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/L			04/28/25 15:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*		*04/28/25 15:18*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*		*04/28/25 15:18*	*1*

Lab Sample ID: LCS 880-108849/3
Matrix: Water
Analysis Batch: 108849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09850		mg/L		98	70 - 130		
Toluene			0.100	0.09136		mg/L		91	70 - 130		
Ethylbenzene			0.100	0.1076		mg/L		108	70 - 130		
m-Xylene & p-Xylene			0.200	0.2073		mg/L		104	70 - 130		
o-Xylene			0.100	0.1038		mg/L		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-108849/4
Matrix: Water
Analysis Batch: 108849

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1026		mg/L		103	70 - 130	4	20
Toluene			0.100	0.09399		mg/L		94	70 - 130	3	20
Ethylbenzene			0.100	0.1130		mg/L		113	70 - 130	5	20
m-Xylene & p-Xylene			0.200	0.2130		mg/L		106	70 - 130	3	20
o-Xylene			0.100	0.1073		mg/L		107	70 - 130	3	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-57164-G-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 108849

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1134		mg/L		113	70 - 130
Toluene	<0.00200	U	0.100	0.09771		mg/L		98	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1209		mg/L		121	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2330		mg/L		116	70 - 130
o-Xylene	<0.00200	U	0.100	0.1174		mg/L		117	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-57164-G-1 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 108849

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1040		mg/L		104	70 - 130	9	25
Toluene	<0.00200	U	0.100	0.09587		mg/L		96	70 - 130	2	25
Ethylbenzene	<0.00200	U	0.100	0.1144		mg/L		114	70 - 130	6	25
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2184		mg/L		109	70 - 130	6	25
o-Xylene	<0.00200	U	0.100	0.1104		mg/L		110	70 - 130	6	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-108789/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 108919 — **Prep Batch: 108789**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/28/25 08:33	04/29/25 16:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/28/25 08:33	04/29/25 16:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/28/25 08:33	04/29/25 16:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130	04/28/25 08:33	04/29/25 16:10	1
o-Terphenyl (Surr)	106		70 - 130	04/28/25 08:33	04/29/25 16:10	1

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-108789/2-A
Matrix: Solid
Analysis Batch: 108919

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108789

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1134		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1033		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*114*		*70 - 130*
o-Terphenyl (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-108789/3-A
Matrix: Solid
Analysis Batch: 108919

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108789

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1169		mg/Kg		117	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1029		mg/Kg		103	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*119*		*70 - 130*
o-Terphenyl (Surr)	*112*		*70 - 130*

Lab Sample ID: 890-8027-1 MS
Matrix: Solid
Analysis Batch: 108919

Client Sample ID: HA-NORTH 2
Prep Type: Total/NA
Prep Batch: 108789

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	971.5		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	806.3		mg/Kg		81	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*135*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*128*		*70 - 130*

Lab Sample ID: 890-8027-1 MSD
Matrix: Solid
Analysis Batch: 108919

Client Sample ID: HA-NORTH 2
Prep Type: Total/NA
Prep Batch: 108789

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1003		mg/Kg		101	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	833.2		mg/Kg		83	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*139*	*S1+*	*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-8027-1 MSD
Matrix: Solid
Analysis Batch: 108919

Client Sample ID: HA-NORTH 2
Prep Type: Total/NA
Prep Batch: 108789

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	129		70 - 130

Lab Sample ID: MB 860-231605/1-A
Matrix: Water
Analysis Batch: 231522

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 231605

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<5.00	U	5.00		mg/L		04/25/25 10:43	04/25/25 19:09	1
Diesel Range Organics (Over C10-C28)	<5.00	U	5.00		mg/L		04/25/25 10:43	04/25/25 19:09	1
Oil Range Organics (Over C28-C36)	<5.00	U	5.00		mg/L		04/25/25 10:43	04/25/25 19:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 135	04/25/25 10:43	04/25/25 19:09	1
o-Terphenyl	103		70 - 135	04/25/25 10:43	04/25/25 19:09	1

Lab Sample ID: LCS 860-231605/2-A
Matrix: Water
Analysis Batch: 231522

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 231605

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			100	106.3		mg/L		106	70 - 130		
Diesel Range Organics (Over C10-C28)			100	101.0		mg/L		101	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	118		70 - 135
o-Terphenyl	110		70 - 135

Lab Sample ID: LCSD 860-231605/3-A
Matrix: Water
Analysis Batch: 231522

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 231605

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			100	116.3		mg/L		116	70 - 130	9	35
Diesel Range Organics (Over C10-C28)			100	109.5		mg/L		110	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	128		70 - 135
o-Terphenyl	119		70 - 135

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 860-231600/4
Matrix: Water
Analysis Batch: 231600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	9.352		mg/L		94	90 - 110		

Lab Sample ID: LCSD 860-231600/5
Matrix: Water
Analysis Batch: 231600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	9.817		mg/L		98	90 - 110	5	20

Lab Sample ID: LLCS 860-231600/7
Matrix: Water
Analysis Batch: 231600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			0.500	0.2902	J	mg/L		58	50 - 150		

Lab Sample ID: 860-99069-C-1 MS
Matrix: Water
Analysis Batch: 231600

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		
Sulfate	100		10.0	109.9	4	mg/L		97	90 - 110		

Lab Sample ID: 860-99069-C-1 MSD
Matrix: Water
Analysis Batch: 231600

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
Sulfate	100		10.0	109.8	4	mg/L		97	90 - 110	0	15

Lab Sample ID: MB 860-232050/3
Matrix: Water
Analysis Batch: 232050

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			04/28/25 18:25	1

Lab Sample ID: LCS 860-232050/4
Matrix: Water
Analysis Batch: 232050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.02		mg/L		100	90 - 110		
Chloride			10.0	9.213		mg/L		92	90 - 110		

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-232050/5
Matrix: Water
Analysis Batch: 232050

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.01		mg/L		100	90 - 110	0	20
Chloride			10.0	9.191		mg/L		92	90 - 110	0	20

Lab Sample ID: LLCS 860-232050/7
Matrix: Water
Analysis Batch: 232050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			0.500	0.2629	J	mg/L		53	50 - 150		
Chloride			0.500	0.5203		mg/L		104	50 - 150		

Lab Sample ID: 860-99069-C-1 MS
Matrix: Water
Analysis Batch: 232050

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		
Sulfate	100		10.0	111.4	4	mg/L		109	90 - 110		
Chloride	148		10.0	154.7	4	mg/L		71	90 - 110		

Lab Sample ID: 860-99069-C-1 MSD
Matrix: Water
Analysis Batch: 232050

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
Sulfate	100		10.0	110.6	4	mg/L		101	90 - 110	1	15
Chloride	148		10.0	153.7	4	mg/L		61	90 - 110	1	15

Lab Sample ID: MB 880-108590/1-A
Matrix: Solid
Analysis Batch: 108601

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/25/25 01:05	1

Lab Sample ID: LCS 880-108590/2-A
Matrix: Solid
Analysis Batch: 108601

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	256.4		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-108590/3-A
Matrix: Solid
Analysis Batch: 108601

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	252.4		mg/Kg		101	90 - 110	2	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-8020-A-18-D MS
Matrix: Solid
Analysis Batch: 108601

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	56.5	F1	251	368.0	F1	mg/Kg		124	90 - 110

Lab Sample ID: 890-8020-A-18-E MSD
Matrix: Solid
Analysis Batch: 108601

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	56.5	F1	251	367.1	F1	mg/Kg		124	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

GC/MS VOA

Analysis Batch: 232746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-3	EB-04-23-25-02	Total/NA	Water	8260C	
MB 860-232746/7	Method Blank	Total/NA	Water	8260C	
LCS 860-232746/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 860-232746/4	Lab Control Sample Dup	Total/NA	Water	8260C	
820-18552-C-2 MS	Matrix Spike	Total/NA	Water	8260C	

Analysis Batch: 232897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-3	EB-04-23-25-02	Total/NA	Water	Total BTEX	

GC VOA

Analysis Batch: 108783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-1	HA-NORTH 2	Total/NA	Solid	8021B	108802
890-8027-2	HA-DUP	Total/NA	Solid	8021B	108802
MB 880-108797/5-A	Method Blank	Total/NA	Solid	8021B	108797
MB 880-108802/5-A	Method Blank	Total/NA	Solid	8021B	108802
LCS 880-108802/1-A	Lab Control Sample	Total/NA	Solid	8021B	108802
LCSD 880-108802/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108802
890-8027-1 MS	HA-NORTH 2	Total/NA	Solid	8021B	108802
890-8027-1 MSD	HA-NORTH 2	Total/NA	Solid	8021B	108802

Prep Batch: 108797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-108797/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 108802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-1	HA-NORTH 2	Total/NA	Solid	5035	
890-8027-2	HA-DUP	Total/NA	Solid	5035	
MB 880-108802/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108802/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108802/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8027-1 MS	HA-NORTH 2	Total/NA	Solid	5035	
890-8027-1 MSD	HA-NORTH 2	Total/NA	Solid	5035	

Analysis Batch: 108849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-4	TB-04-23-25-02	Total/NA	Water	8021B	
MB 880-108849/8	Method Blank	Total/NA	Water	8021B	
LCS 880-108849/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-108849/4	Lab Control Sample Dup	Total/NA	Water	8021B	
880-57164-G-1 MS	Matrix Spike	Total/NA	Water	8021B	
880-57164-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

Analysis Batch: 108944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-4	TB-04-23-25-02	Total/NA	Water	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

GC Semi VOA

Prep Batch: 108789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-1	HA-NORTH 2	Total/NA	Solid	8015NM Prep	
890-8027-2	HA-DUP	Total/NA	Solid	8015NM Prep	
MB 880-108789/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108789/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108789/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8027-1 MS	HA-NORTH 2	Total/NA	Solid	8015NM Prep	
890-8027-1 MSD	HA-NORTH 2	Total/NA	Solid	8015NM Prep	

Analysis Batch: 108919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-1	HA-NORTH 2	Total/NA	Solid	8015B NM	108789
890-8027-2	HA-DUP	Total/NA	Solid	8015B NM	108789
MB 880-108789/1-A	Method Blank	Total/NA	Solid	8015B NM	108789
LCS 880-108789/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108789
LCSD 880-108789/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108789
890-8027-1 MS	HA-NORTH 2	Total/NA	Solid	8015B NM	108789
890-8027-1 MSD	HA-NORTH 2	Total/NA	Solid	8015B NM	108789

Analysis Batch: 109097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-1	HA-NORTH 2	Total/NA	Solid	8015 NM	
890-8027-2	HA-DUP	Total/NA	Solid	8015 NM	

Analysis Batch: 231522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-3	EB-04-23-25-02	Total/NA	Water	8015B NM	231605
MB 860-231605/1-A	Method Blank	Total/NA	Water	8015B NM	231605
LCS 860-231605/2-A	Lab Control Sample	Total/NA	Water	8015B NM	231605
LCSD 860-231605/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	231605

Prep Batch: 231605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-3	EB-04-23-25-02	Total/NA	Water	8015NM Aq Prep	
MB 860-231605/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 860-231605/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 860-231605/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	

HPLC/IC

Leach Batch: 108590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-1	HA-NORTH 2	Soluble	Solid	DI Leach	
890-8027-2	HA-DUP	Soluble	Solid	DI Leach	
MB 880-108590/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108590/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108590/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8020-A-18-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-8020-A-18-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

HPLC/IC

Analysis Batch: 108601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-1	HA-NORTH 2	Soluble	Solid	300.0	108590
890-8027-2	HA-DUP	Soluble	Solid	300.0	108590
MB 880-108590/1-A	Method Blank	Soluble	Solid	300.0	108590
LCS 880-108590/2-A	Lab Control Sample	Soluble	Solid	300.0	108590
LCSD 880-108590/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108590
890-8020-A-18-D MS	Matrix Spike	Soluble	Solid	300.0	108590
890-8020-A-18-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	108590

Analysis Batch: 231600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-231600/3	Method Blank	Total/NA	Water	300.0	
LCS 860-231600/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-231600/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-231600/7	Lab Control Sample	Total/NA	Water	300.0	
860-99069-C-1 MS	Matrix Spike	Total/NA	Water	300.0	
860-99069-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 232050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8027-3	EB-04-23-25-02	Total/NA	Water	300.0	
MB 860-232050/3	Method Blank	Total/NA	Water	300.0	
LCS 860-232050/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-232050/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-232050/7	Lab Control Sample	Total/NA	Water	300.0	
860-99069-C-1 MS	Matrix Spike	Total/NA	Water	300.0	
860-99069-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Client Sample ID: HA-NORTH 2
Date Collected: 04/23/25 09:05
Date Received: 04/23/25 13:18

Lab Sample ID: 890-8027-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108802	04/28/25 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108783	04/28/25 22:19	MNR	EET MID
Total/NA	Analysis	8015 NM		1			109097	04/29/25 17:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108789	04/28/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108919	04/29/25 17:34	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108590	04/24/25 15:09	SI	EET MID
Soluble	Analysis	300.0		1			108601	04/25/25 04:34	CH	EET MID

Client Sample ID: HA-DUP
Date Collected: 04/23/25 00:00
Date Received: 04/23/25 13:18

Lab Sample ID: 890-8027-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108802	04/28/25 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108783	04/28/25 22:39	MNR	EET MID
Total/NA	Analysis	8015 NM		1			109097	04/29/25 18:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108789	04/28/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108919	04/29/25 18:20	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	108590	04/24/25 15:09	SI	EET MID
Soluble	Analysis	300.0		1			108601	04/25/25 04:41	CH	EET MID

Client Sample ID: EB-04-23-25-02
Date Collected: 04/23/25 09:10
Date Received: 04/23/25 13:18

Lab Sample ID: 890-8027-3
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	232746	05/01/25 03:30	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			232897	05/01/25 03:30	KLV	EET HOU
Total/NA	Prep	8015NM Aq Prep			29.3 mL	3 mL	231605	04/25/25 10:43	TH	EET HOU
Total/NA	Analysis	8015B NM		1			231522	04/26/25 00:22	W1N	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	232050	04/28/25 20:36	WP	EET HOU

Client Sample ID: TB-04-23-25-02
Date Collected: 04/23/25 00:00
Date Received: 04/23/25 13:18

Lab Sample ID: 890-8027-4
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	8021B		1	5 mL	5 mL	108849	04/28/25 21:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108944	04/28/25 21:09	SM	EET MID

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	07-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Aq Prep	Water	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Aq Prep	Water	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Aq Prep	Water	Oil Range Organics (Over C28-C36)
Total BTEX		Water	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Water	Total BTEX

Method Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
5030C	Purge and Trap	SW846	EET HOU
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Aq Prep	Microextraction	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: T-970

Job ID: 890-8027-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8027-1	HA-NORTH 2	Solid	04/23/25 09:05	04/23/25 13:18	4
890-8027-2	HA-DUP	Solid	04/23/25 00:00	04/23/25 13:18	
890-8027-3	EB-04-23-25-02	Water	04/23/25 09:10	04/23/25 13:18	
890-8027-4	TB-04-23-25-02	Water	04/23/25 00:00	04/23/25 13:18	

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
~~EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296~~
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

890-8027 Chain of Custody

www.xenco...

Project Manager:	Marianne Link	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	505 E Huntland Dr Ste 250	Address:	
City, State ZIP:	Austin, TX 78752	City, State ZIP:	
Phone:	(919) 943-2631	Email:	mlink@trcompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	T-990	Turn Around	
Project Number:	639242 Ph2	☑ Routine ☐ Rush	
Project Location:	Artesia, NM	Due Date:	
Sampler's Name:	Robert Wiehay	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR#007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.7
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	1.8
Total Containers:		Corrected Temperature:	1.6

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021	TPH 8015M	Chloride 300	Sample Comments
HA-North 2	S	04/23/25	0905	4'	G	1		X	X	X	
HA-Dup	S	↓	—	—	G	1		↓	↓	↓	
EB-04-23-25-02	L	04/23/25	0910	—	G	5		X	X	X	
TB-04-23-25-02	L	04/23/25	—	—	—	2		X			

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		04/23/25 1200	2		
3		13:18 4/23	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer Jessica	Carrier Tracking No(s): N/A	COC No: 890-4964.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8027-1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/29/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: GENERAL STANDARD 5 DAY ONLY	Project #: 88000306			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX	300_ORGFM_28D/ (MOD) Custom List	8015MOD_NM/8015NM_Aq_Prep Full TPH	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
EB-04-23-25-02 (890-8027-3)	4/23/25	09:10 Central	G	Water			X	X	X	5	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

RECEIVED APR 24 AM PM

Ver 10/10/2024

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-4967.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8027-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/29/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: GENERAL STANDARD 5 DAY ONLY	Project #: 88000306			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_Calc BTEX	8015MOD_NM/8015NM_S_Prep TPH 8015 NM	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_Calc	8021B/5030B BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
HA-NORTH 2 (890-8027-1)	4/23/25	09:05 Central	G	Solid			X	X	X	X			1	
HA-DUP (890-8027-2)	4/23/25	Central	G	Solid			X	X	X	X			1	
TB-04-23-25-02 (890-8027-4)	4/23/25	Central	G	Water							X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	4/23 1630				
2				[signature]	4/24/25 0800	
3						

Custody Seals Intact: ☑ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.7/4.8°C IR-8 (-0.1)

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 890-8027-1

Login Number: 8027 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Lopez, Abraham

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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 <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 890-8027-1

Login Number: 8027
List Number: 3
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 04/24/25 11:52 AM

Question	Answer	Comment
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	
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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 890-8027-1

Login Number: 8027
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/23/25 09:23 PM

Question	Answer	Comment
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	
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 <6mm (1/4").	N/A	

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QUESTIONS

Action 480557

QUESTIONS

Operator: HOLLY ENERGY PARTNERS - OPERATING, LP 1602 W. Main St. Artesia, NM 88210	OGRID: 282505
	Action Number: 480557
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nCE2003752717**
Incident Name	**NCE2003752717 FORMER TANK 970 / ARTESIA WEST STATIN SVE @ G-28-18S-28E**
Incident Type	**Oil Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FORMER TANK 970 / ARTESIA WEST STATIN SVE
Date Release Discovered	01/22/2020
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Other | Tank (Any) | Crude Oil | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: HOLLY ENERGY PARTNERS - OPERATING, LP 1602 W. Main St. Artesia, NM 88210	OGRID: 282505
	Action Number: 480557
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Melanie Nolan Title: Environmental Specialist Email: melanie.nolan@hollyenergy.com Date: 09/13/2024

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QUESTIONS (continued)

Operator: HOLLY ENERGY PARTNERS - OPERATING, LP 1602 W. Main St. Artesia, NM 88210	OGRID: 282505
	Action Number: 480557
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 500 and 1000 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	3850
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	29900
GRO+DRO	(EPA SW-846 Method 8015M)	27400
BTEX	(EPA SW-846 Method 8021B or 8260B)	114
Benzene	(EPA SW-846 Method 8021B or 8260B)	13
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		11/01/2024
On what date will (or did) the final sampling or liner inspection occur		12/31/2024
On what date will (or was) the remediation complete(d)		09/13/2025
What is the estimated surface area (in square feet) that will be reclaimed		0
What is the estimated volume (in cubic yards) that will be reclaimed		0
What is the estimated surface area (in square feet) that will be remediated		51000
What is the estimated volume (in cubic yards) that will be remediated		60000
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS (continued)

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	Action Number: 480557
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	Yes
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Melanie Nolan Title: Environmental Specialist Email: melanie.nolan@hollyenergy.com Date: 09/13/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 480557
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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	Action Number: 480557
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**453698**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/23/2024**
What was the (estimated) number of samples that were to be gathered	**20**
What was the sampling surface area in square feet	**10**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 480557

CONDITIONS

Operator: HOLLY ENERGY PARTNERS - OPERATING, LP 1602 W. Main St. Artesia, NM 88210	OGRID: 282505
	Action Number: 480557
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Additional Soil Delineation Summary Report will be accepted for record and placed in the incident file. Please continue to implement the full-scale SVE system for the deeper crude oil affected soil impacts. Please contact the OCD if you have any additional questions or concerns.	9/5/2025