

SITE CHARACTERIZATION REPORT AND SITE CLOSURE REQUEST

Younger Junction Release Latitude 32.816957°, Longitude -103.990719° Eddy County, New Mexico NMOCD No. nAPP2501352512

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June 12, 2025

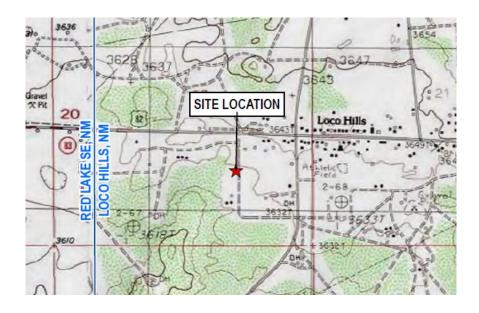
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Appendix A Release Notification and Corrective Action Form (NMOCD Form C-141)

Appendix B Copies of NMOCD Communications

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1.0 INTRODUCTION

TRC Environmental Corporation (TRC), on behalf of Holly Energy Partners – Operating, L.P. (HEP), has prepared this *Site Characterization Report and Site Closure Request* for a crude oil release at Younger Junction (site), a pipeline station located in the Section 20, Township 17 South, Range 30 East, Eddy County, New Mexico. The property is owned by the Bureau of Land Management, who was notified of the release on January 13, 2025. The global positioning system (GPS) coordinates for the release point are Latitude 32.816957°, Longitude - 103.990719°. The area surrounding the site to the north, east, and west is industrial and used for oil and gas transportation and storage activities; the area south of the site is pastureland. The location of the site is depicted on Figure 1.

2.0 BACKGROUND

A release of approximately 33 barrels of crude oil occurred at the site on January 13, 2025, due to human error. The release was reported to the New Mexico Oil Conservation Division (NMOCD) on January 13, 2025, on their online portal utilizing the Notice of Release (NOR) function and was assigned incident ID No. nAPP2501352512. An initial C-141 was submitted through the portal to include volume calculations on January 13, 2025. The NOR application and initial C-141 are presented in Appendix A.

Immediately following identification of the release, temporary berms were erected surrounding the release area and a vacuum truck was utilized to recover approximately 30 barrels of the released crude oil. The crude oil-affected soil footprint was approximately 1,600 square feet and included a caliche pad and adjacent pastureland. The facility fenceline was removed and affected soils were initially excavated to approximately 1 foot below ground surface (bgs) based on field observations (visual and olfactory) and stockpiled on plastic sheeting immediately north of the release location.

Soil assessment and delineation activities were conducted by TRC in January 2025 using a hand auger. Soil samples were collected to determine the lateral and vertical extent of remaining total petroleum hydrocarbons (TPH); benzene, toluene, ethylbenzene, and xylenes (BTEX); and/or chloride concentrations at the site. The January 2025 assessment and delineation activities are discussed in Section 4.

On April 11, 2025, HEP provided a verbal update to Mr. Michael Bratcher of NMOCD, including a request for a 60-day extension (i.e., to June 12, 2025) to conduct additional excavation and disposal of affected soil; the extension request was verbally approved by Mr. Bratcher during the telephone call. On behalf of HEP, TRC notified the NMOCD via email on April 11, 2025, that additional excavation and disposal of affected soil would be conducted during the 60-day extension. Copies of NMOCD communications are provided in Appendix B.



From April 15, 2025, through May 15, 2025, additional excavation activities were conducted by TRC via hydro-vac and mechanical excavation using a backhoe. The excavation was backfilled with clean imported fill material. The April and May 2025 excavation and backfilling activities are discussed in Section 5.

The release location relative to nearby wells, wetlands and floodplains, and karst potential are depicted in Figures 2 through 4, respectively. The release location and footprint are shown on Figure 5.

3.0 NMOCD CLOSURE CRITERIA

Cleanup standards for crude oil releases are provided in 19.15.29 NMAC. The cleanup standards (described in the rule as "Closure Criteria") are based primarily on depth to groundwater but are also based on other criteria. Three different Closure Criteria are provided in the rule. The most stringent apply to sites where groundwater is within 50 feet of the ground surface or if the release occurred within one of the following areas:

- Within 300 feet of any continuously flowing watercourse or any other significant watercourse.
- Within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary highwater mark).
- Within 300 feet from an occupied permanent residence, school, hospital, institution, or church.
- Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes.
- Within 1,000 feet of any fresh water well or spring.
- Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended.
- Within 300 feet of a wetland.
- Within the area overlying a subsurface mine.
- Within an unstable area such as a karst formation.
- Within a 100-year floodplain.

TRC reviewed available information to determine the Closure Criteria for the site. The findings of this evaluation are summarized below.



3.1 Groundwater Evaluation

3.1.1 Depth to Groundwater Records Research in Surrounding Area

Review of the New Mexico Office of the State Engineer (NMOSE) records indicated one well has been drilled or permitted within 0.5-mile of the release site, as depicted on Figure 2. Based on NMOSE records, well RA 11914 POD1 is located 0.4 miles north-northeast of the release and the depth to water is approximately 80 feet bgs. The well was drilled and gauged in 2013.

3.2 Surface Features and Other Development

TRC reviewed recent aerial photographs, topographic maps, the NMOSE Point of Discharge (POD) GIS website, and information available from the Eddy County, New Mexico Central Appraisal District website. Based on this review, the site is **not** located:

- Within 300 feet of any continuously flowing watercourse or any other significant watercourse.
 - No continuously flowing watercourses (rivers, streams, arroyos, etc.) are apparent within 300 feet of the release in the aerial photography shown on Figure 2 or appear on the topographic map shown on Figure 1.
- Within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary highwater mark).
 - The topographic map, aerial photography, and floodplain maps (Figures 1, 2, and 3, respectively) indicate there is not a lakebed, sinkhole, or playa lake located within 200 feet of the release.
- Within 300 feet from an occupied permanent residence, school, hospital, institution, or church.
 - The aerial photography shown on Figure 2 and information available from the Lea County, New Mexico Central Appraisal District do not show or list any permanent residence, school, hospital, institution, or church within 300 feet of the release. As shown on the aerial base map of Figure 2, there are residences located approximately 800 feet to the northeast.
- Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes.
 - No wells or springs located within 500 feet of the site appear in the NMOSE records reviewed by TRC. The nearest POD (RA 11914 POD1) is located approximately 0.4 miles north-northeast of the release. The well is listed by NMOSE as an exploratory well, is 85 feet deep, and is owned by Linn Energy.



- Within 1,000 feet of any fresh water well or spring.
 - No fresh water wells or springs are within 1,000 feet of the release.
- Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended.
 - o Based on the property and other records reviewed by TRC, the release is not located within a municipal freshwater well field.
- Within the area overlying a subsurface mine.
 - Based on the property and other records reviewed by TRC, the release is not within the area overlying a subsurface mine.

3.3 Wetlands, Floodplain, and Karst Geology

A review of the United States Fish and Wildlife Service (USFWS) wetlands map indicated the release is not located within 300 feet of a wetland. The New Mexico Bureau of Land Management (BLM) karst potential map indicates the site is located within the "low karst potential" area. Finally, review of the Federal Emergency Management Act (FEMA) floodplain map indicates the release is located outside of a 100-year floodplain. Figures 3 and 4 depict the wetlands and FEMA floodplain information, and the karst potential data, respectively.

3.4 Closure Criteria Currently Assumed Applicable to the Site

The closure criteria for the site was evaluated based on depth to groundwater, surface features, and other development, as described above. The Closure Criteria applicable for the site is for depth to groundwater from 51 to 100 feet bgs. A summary of the NMOCD Closure Criteria is provided in the table below and in Table 1.

NMOCD Closure Criteria

		Closure Criteria Based on Depth to Groundwater (mg/					
Consti	tuent of Concern	≤ 50 feet bgs	51 to 100 feet bgs	> 100 feet bgs			
Chlo	ride (EPA 300)	600	10,000	20,000			
TPH (EPA	GRO + DRO + MRO	100	2,500	2,500			
8015M)	GRO + DRO	NA	1,000	1,000			
Total BTEX (EPA 8021 or 8260)		50	50	50			
Benzene (EPA 8021 or 8260)		10	10	10			

Notes: mg/kg = milligrams per kilogram

bgs = below ground surface

TPH = total petroleum hydrocarbons

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GRO = gasoline range organics
DRO = diesel range organics
MRO = motor oil range organics
NA = not applicable
BTEX = benzene, toluene, ethylbenzene, and total xylenes
EPA = Environmental Protection Agency
Green Highlighting = Closure Criteria applicable to the site for soil below 4 feet bgs

4.0 SITE ASSESSMENT/CHARACTERIZATION RESULTS

19.15.29.11 NMAC requires that a Site Characterization Report have the components described in Sections 4.1 through 4.5 of this document.

4.1 Site Map

As required by 19.15.29.11 NMAC, a scaled diagram showing significant site infrastructure, sample locations, and known subsurface features is provided as Figure 5. Six shallow underground pipelines of unknown use were discovered during excavation and assessment activities. The lines are shown on Figure 5.

4.2 Depth to Groundwater

As discussed in Section 3, the depth to groundwater beneath the site is approximately 80 feet bgs. This is based on December 2013 depth to groundwater measurement from the exploration well RA 11914 drilled by Linn Energy located 0.4 miles north-northeast of the site. The location of well RA 11914 is shown on Figure 2.

4.3 Wellhead Protection Area

The 0.5-mile wellhead protection area is shown on Figure 2. According to the NMOSE database, no domestic and/or public wells are located within 0.5-mile of the site.

4.4 Distance to Nearest Significant Watercourse

The horizontal distance to the nearest significant watercourse as defined in Subsection P of 19.15.17.7 NMAC is greater than 0.5-mile from the site. There are no watercourses depicted on Figure 1.

4.5 Site Characteristics

Site characteristics discussed in Section 4.5 refer to the January 2025 assessment and delineation results and April and May 2025 remediation activities. Cumulative soil sample analytical results are presented on Table 1.



4.5.1 January 2025 Assessment and Delineation

Initial assessment of the release area was conducted on January 22, 2025. Nine hand auger borings were advanced to depths ranging from 1 to 8 feet bgs to determine the lateral and vertical extent of crude oil-affected soil associated with the January 2025 release. Soil samples were collected at 1-foot intervals from 3 feet bgs in boring AH #1 and from the surface in borings AH #2, AH #3, and AH #4 to the total depth of each boring. Soil samples were collected from 0-1 feet bgs from borings LAT EAST #1, LAT EAST #2, LAT SOUTH #1, LAT WEST #1, and LAT WEST #2. Soil boring locations are depicted on Figure 5.

The soil samples were collected in laboratory-prepared containers, immediately placed on ice, and delivered to Eurofins Xenco Laboratory in Midland, Texas for laboratory analysis of BTEX by EPA Method 8021B and TPH by EPA Method 8015M. The lithology was observed to consist of sandy and gravelly clay to a depth of 2 to 5 feet bgs, underlain by caliche to the total depth investigated of 8 feet bgs.

4.5.2 January 2025 Soil Sample Analytical Results and Delineation Status

Laboratory analytical results for the January 2025 soil samples were compared to the Reclamation Standards (i.e., the most stringent Closure Criteria) for soil in the upper 4 feet, and the NMOCD Closure Criteria for sites where groundwater is present from 51 to 100 feet bgs for soil at and beneath 4 feet bgs. The soil sample analytical results and Closure Criteria are summarized on Table 1.

Overall, the January 2025 assessment and delineation results indicated the following:

- Chloride did not exceed the Reclamation Standard in the uppermost 4 feet or the applicable Closure Criterion (for sites with groundwater from 51 to 100 feet bgs) at depths greater than 4 feet bgs.
- Lateral delineation of BTEX and TPH was achieved to below the Reclamation Standards in the uppermost 4 feet to the east, west, and south.
- Inside the former fenceline, vertical delineation of BTEX and TPH was achieved to below the applicable Closure Criteria (for sites with groundwater from 51 to 100 feet bgs) at a depth of 5 feet bgs.
- Outside the former fenceline and on the caliche pad (i.e., to the west and northwest of the release location), vertical delineation of BTEX and TPH was achieved to below the Reclamation Standards at depths ranging from 2 to 3 feet bgs.
- Outside the former fenceline and in the pasture (i.e., to the south of the release location),
 BTEX and TPH were not detected in exceedance of the Reclamation Standards.

Copies of the laboratory analytical reports and chain-of-custody documentation for the soil samples collected in January 2025 are provided in Appendix D.



5.0 REMEDIATION ACTIVITIES

Based on data collected during the January 2025 assessment activities, affected soils were excavated. Remedial excavation, disposal, and backfilling activities were conducted at the site from April to May 2025 and are described below in Sections 5.1 through 5.4.

- From April 15, 2025, to May 15, 2025, remedial excavation was performed, and confirmation soil samples were collected from the excavation bottoms and sidewalls. The lateral and vertical extent of the excavation was extended as needed until the BTEX, TPH, and/or chloride concentrations did not exceed Reclamation Standards and/or Closure Criteria in confirmation soil samples. A total of 420 cubic yards (cy) of affected soil were excavated and temporarily stockpiled for off-site disposal. Remediation activities are further described below in Section 5.1.
- From May 12 through May 21, 2025, 420 cy of stockpiled excavated soil was transported to Gandy Marley, Inc. near Lovington, New Mexico for disposal as non-hazardous waste. Waste transportation and disposal activities are further described below in Section 5.2.
- From May 21 to May 22, 2025, the excavated area was backfilled with clean backfill material. Backfilling is further described below in Section 5.3.

5.1 Remedial Excavation Activities

Affected soil within and adjacent to the release area was excavated and confirmation sampling from the excavation bottom and sidewalls was conducted between April 15 and May 15, 2025.

Several shallow underground pipelines are located within or adjacent to the release area and were encountered or detected during excavation activities. Sandbags and wooden pipe supports were used to ensure the lines within the excavation area were secure during remediation activities. The sandbags and pipe supports were removed upon backfilling. The locations of the underground pipelines encountered are shown on Figure 5.

A vacuum truck was initially used to hydro-excavate affected soils due to the presence of shallow pipelines within the release area. An excavator was used once the shallow pipelines were identified and exposed. All excavated soil was temporarily stockpiled on plastic sheeting or in lined and bermed drying pits.

The excavation was initially extended to a depth of 2 to 3 feet bgs outside of the former fenceline and 5 feet bgs within the former fenceline based on the January 2025 assessment data. Confirmation sidewall soil samples were collected in each cardinal direction at a minimum frequency of one sample per 200 square feet. Confirmation bottom samples were collected at a minimum frequency of one sample per 200 square feet. Samples were placed in laboratory-prepared containers, immediately placed on ice, and delivered to Eurofins Xenco Laboratory in



Midland, Texas for analysis of TPH by EPA Method 8015M, BTEX by EPA Method EPA 8021, and chloride by EPA method 300.1.

The detected benzene and/or total BTEX (i.e., the sum of benzene, toluene, ethylbenzene, and xylenes) concentrations and non-detect reporting limits did not exceed the Reclamation Standards in any confirmation sample in the upper 4 feet. Detected chloride concentrations exceeded the Reclamation Standard in one confirmation sample, sidewall sample SW-3N, in the upper 4 feet. Detected concentrations of total TPH (i.e., the sum of the sum of gasoline range organics [GRO], diesel range organics [DRO], and motor oil range organics [MRO]) exceeded the Reclamation Standard in several confirmation samples in the upper 4 feet, including sidewall samples SW-3E and SW-3N and bottom confirmation samples BS-2A-2, BS-2B-2, BS-2C-2, BS-2D, BS-1A-3, and BS-1B-3. The detected benzene, total BTEX, total TPH, TPH GRO+DRO (i.e., the sum of GRO and DRO), and chloride concentrations and non-detect reporting limits did not exceed the Closure Criteria in any confirmation sample collected at or below 4 feet bgs.

Within the former fenceline, the excavation sidewall was laterally extended approximately 2 feet to the east at sidewall sample SW-3E and approximately 3 feet to the north at sidewall SW-3N. Outside of the former fenceline, the excavation was vertically extended to a depth of 4 feet bgs. Total TPH and/or chloride concentrations and non-detect reporting limits did not exceed the Reclamation Standards in subsequent confirmation sidewall samples SW-3E-2.5A and SW-3N-2.5A collected in the upper 4 feet. Total TPH concentrations and non-detect reporting limits did not exceed the Closure Criterion in subsequent confirmation bottom samples BS-2A-4, BS-2B-4, BS-2C-4, BS-2D-4, BS-1A-4, and BS-1B-4 collected at or below 4 feet bgs.

The final excavation extent and depths and confirmation sample locations are shown on Figure 5. A summary of confirmation bottom and sidewall soil sample analytical results is provided in Table 1. As shown, all final (designated soil status as "in situ") bottom and sidewall confirmation samples exhibited BTEX, TPH, and/or chloride concentrations below the Reclamation Standards for soil in the upper 4 feet or the Closure Criteria for soil at or below 4 feet bgs. All soil with BTEX, TPH, and/or chloride concentrations above applicable Reclamation Standards or Closure Criteria was excavated.

A total of 420 cy of affected soil was excavated from the site. The final excavation area was approximately 1,600 square feet. As discussed above and shown on Figure 5, final excavation depths ranged from 4 to 5 feet bgs. Photographs of the excavation are shown in Appendix C. The laboratory analytical reports and chain-of-custody documentation for the confirmation samples collected in April and May 2025 are provided in Appendix D.

5.2 Excavated Soil Disposal

From May 21 to May 22, 2025, 420 cy of affected soil excavated during site remedial activities were transported under non-hazardous waste manifest to Gandy Marley, Inc., near Lovington, New Mexico. Waste manifests are provided in Appendix E.



5.3 Backfilling and Restoration

Clean backfill material similar to the excavated material was sourced from Gandy Marley, Inc., near Lovington, New Mexico. In May 2025, approximately 560 cy of clean backfill material were transported to the site and temporarily stockpiled pending backfilling, including 500 cy of topsoil and 60 cy of caliche.

One sample was collected from the stockpiled clean backfill material (topsoil) on May 16, 2025, (sample BF-1) to ensure the material was not affected by BTEX, TPH, or chloride and suitable for backfilling. The sample was placed in laboratory-prepared containers, immediately placed on ice, and delivered to Eurofins Xenco Laboratory in Midland, Texas for analysis of TPH by EPA Method 8015M, BTEX by EPA Method EPA 8021, and chloride by EPA method 300.1. The BTEX, TPH, and chloride concentrations and non-detect reporting limits did not exceed the Reclamation Standards. The analytical results are presented on Table 1.

The clean backfill material was used to backfill the excavated area from May 21 to 22, 2025. Final site grading was performed on May 22, 2025. The area disturbed during remedial activities was restored to a similar condition that existed prior to the release in accordance with 19.15.29.13 NMAC. Photographs of the excavation following backfilling and restoration are provided in Appendix C.

6.0 LABORATORY ANALYTICAL DATA QUALITY ASSURANCE/QUALITY CONTROL RESULTS

Data reports generated by Eurofins Xenco Laboratory in Midland, Texas for the assessment and delineation sampling activities conducted from January through May 2025 were reviewed to ensure that reported analytical results met data quality objectives. QC data indicate that measurement data are sufficient to meet method quality objectives, reported data are defensible, and QC mechanisms were generally effective in ensuring measurement data reliability within the expected limits of sampling and analytical error. The laboratory analytical results and data review checklists are provided as Appendix D.

7.0 SITE CLOSURE REQUEST

Remediation activities were conducted in accordance with NMOCD guidelines. Affected soil with BTEX, TPH, and/or chloride concentrations above Reclamation Standards in the upper 4 feet and the Closure Criteria at and below a depth of 4 feet bgs was excavated and transported to an appropriate disposal facility. The excavation was backfilled with clean fill material similar to the material excavated, and the surface was regraded and returned to pre-release conditions. As documented in this report, all final (in situ) confirmation soil samples exhibited BTEX, TPH, and chloride concentrations below the applicable Reclamation Standards and/or Closure Criteria.



Based on completion of the remedial activities in accordance with NMOCD guidelines, HEP respectfully requests that the NMOCD grant closure of the Younger Junction release (NMOCD tracking number nAPP2501352512).

8.0 DISTRIBUTION

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TABLE

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
HEP YOUNGER JUNCTION, LOCO HILLS, NM

	Sample Depth Sample BTEX (mg/kg)							TPH (r	ng/kg)		Chloride			
Sample ID	Sample ID Sample Depth Sample Collection Date Sample Ty		Sample Type	Sample Type Soil Status		Ethyl-			Total				Total	(mg/kg)
	(001100110111011			Benzene	benzene	Toluene	Xylenes	BTEX ³	GRO	DRO		TPH⁵	
	NMO	OCD Reclamation	Standard ¹ for se	oil in upper 4 feet	10	NA	NA	NA	50 ⁴		IA	NA	100 ⁷	600
	NMOCD Closu	ure Criteria ² for so	il depths at or g		10	NA	NA	NA	50 ⁴	1,0	000 ⁶	NA	2,500 ⁷	10,000
Delineation Samples														
AH # 1	3-4	1/22/2025	Boring	Excavated	98.2	196	604	238	1,140	9,860	11,100	<999	21,000	14.4
AH # 1	5-6	1/22/2025	Boring	In Situ	0.923	2.73	2.23	6.28	12.2	72.5	457	<49.9	530	7.06
AH # 1	7-8	1/22/2025	Boring	In Situ	<0.0200	0.0480	0.0264	0.117	0.191	<49.8	140	<49.8	140	2.96
AH # 2	1-2	1/22/2025	Boring	In Situ	0.0196	0.00907	0.0157	0.0152	0.0596	<50.0	<50.0	<50.0	<50.0	11.9
AH # 2	2-3	1/22/2025	Boring	In Situ	<0.00200	<0.00200	0.00204	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	5.02
AH # 3	1	1/22/2025	Boring	Excavated	0.0981	1.36	0.930	1.90	4.29	<49.8	295	<49.8	295	2.30
AH # 3	2	1/22/2025	Boring	Excavated	<0.00202	0.0104	0.00559	0.0211	0.0371	<49.7	57.6	<49.7	57.6	5.63
AH # 4	1	1/22/2025	Boring	Excavated	<0.00199	<0.00199	0.00308	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	3.57
AH # 4	2	1/22/2025	Boring	Excavated	<0.0199	0.325	0.0401	0.861	1.23	<50.0	245	<50.0	245	5.14
AH # 4	3	1/22/2025	Boring	Excavated	<0.00198	0.00272	0.00269	<0.00397	0.00541	<49.8	52.5	<49.8	52.5	3.45
AH # 4	4	1/22/2025	Boring	In Situ	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.7	<49.7	<49.7	<49.7	24.8
LAT EAST # 1	0-1	1/22/2025	Boring	In Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	3.04
LAT EAST # 2	0-1	1/22/2025	Boring	In Situ	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	5.63
LAT SOUTH # 1	0-1	1/22/2025	Boring	In Situ	<0.00202	0.00511	0.00630	0.00772	0.0191	<49.7	<49.7	<49.7	<49.7	2.08
LAT WEST # 1	0-1	1/22/2025	Boring	In Situ	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	14.2
LAT WEST # 2	0-1	1/22/2025	Boring	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	3.86
				Confi	rmation Si	dewall Sam	ples							
SW-2S-1	1	4/17/2025	Sidewall	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	114
SW-2W-1	1	4/17/2025	Sidewall	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	121
SW-2E-1	1	4/29/2025	Sidewall	In Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	99.9
DUP-1 (SW-2E-1)	1	4/29/2025	Sidewall	In Situ	<0.00202	0.00218	0.00275	<0.00404	0.00729	<50.1	<50.1	<50.1	<50.1	98.5
SW-3E	2.5	4/25/2025	Sidewall	Excavated	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	107	<49.8	107	325
SW-3E-2.5A	2.5	5/13/2025	Sidewall	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	157 F1
SW-3N	2.5	4/25/2025	Sidewall	Excavated	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	719	<50.0	719	868
SN-3N-2.5A	2.5	5/13/2025	Sidewall	In Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	164
SW-1W-1.5	1.5	4/29/2025	Sidewall	In Situ	<0.00201	<0.00201	0.00271	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	251
SW-1N-1.5	1.5	4/29/2025	Sidewall	In Situ	<0.00202	0.00290	<0.00202	<0.00404	0.00512	<50.1	<50.1	<50.1	<50.1	243
SW-1E-1.5	1.5	4/29/2025	Sidewall	In Situ	<0.00199	<0.00199	<0.00199	0.00766	0.00766	<50.0	<50.0	<50.0	<50.0	126
	•			Conf	irmation B	ottom Sam	oles							
BS-2A-2	2	4/17/2025	Bottom	Excavated	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.7	308	93.9	402	169
BS-2B-2	2	4/17/2025	Bottom	Excavated	<0.00199	0.00203	<0.00199	0.015	0.017	<50.0	381	107	488	141
BS-2C-2	2	4/17/2025	Bottom	Excavated	<0.00200	<0.00200	<0.00200	0.0272	0.0272	<49.8	745	208	953	203
BS-3A	5	4/25/2025	Bottom	In Situ	<0.00200	<0.00200	<0.00200	0.00478	0.00478	<50.0	73.9	<50.0	73.9	178
BS-2D	2	4/25/2025	Bottom	Excavated	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	370	<49.8	370	295
BS-1A-3	3	4/29/2025	Bottom	Excavated	<0.00200	0.00331	<0.00200	<0.00399	<0.00399	<49.9	265	<49.9	265	509
BS-1A-4	4	5/16/2025	Bottom	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	629
BS-1B-3	3	4/29/2025	Bottom	Excavated	<0.00199	<0.00199	0.00272	<0.00398	<0.00398	<50.0	425	<50.0	425	307

TABLE 1 SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS HEP YOUNGER JUNCTION, LOCO HILLS, NM

	Sample Depth (feet bgs)	Sample Collection Date				В	TEX (mg/k	g)		TPH (mg/kg)				Oh la wi da
Sample ID			Sample Type	Soil Status	Benzene	Ethyl- benzene	Toluene	Xylenes	Total BTEX ³	GRO	DRO	MRO	Total TPH⁵	Chloride (mg/kg)
	NMOCD Reclamation Standard ¹ for soil in upper 4 feet		10	NA	NA	NA	50 ⁴	N	IA	NA	100 ⁷	600		
NMOCD Closure Criteria ² for soil depths at or greater than 4 feet				10	NA	NA	NA	50 ⁴	1,0	00 ⁶	NA	2,500 ⁷	10,000	
BS-1B-4	4	5/16/2025	Bottom	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	2,150
BS-2A-4	4	5/16/2025	Bottom	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	74.6
DUP-2 (BS-2A-4)	4	5/16/2025	Bottom	In Situ	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	75.6
BS-2B-4	4	5/16/2025	Bottom	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	197
BS-2C-4	4	5/16/2025	Bottom	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	220
BS-2D-4	4	5/16/2025	Bottom	In Situ	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.7	<49.7	<49.7	<49.7	458
					Backfill	Sample								
BF-1	1	5/16/2025	Backfill	In Situ	<0.00198	<0.00198	<0.00198	< 0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	319

Notes:

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

bgs = feet below ground surface.

BTEX = Benzene, Toluene, Ethylbenzene, and Total Xylenes by EPA Method 8021.

Chloride concentrations determined by EPA Method 300.0.

GRO = Gasoline Range Organics.

DRO = Diesel Range Organics.

MRO = Motor Oil Range Organics.

NA = There is no Closure Criterion for this constituent.

TPH = Total Petroleum Hydrocarbons by EPA Method 8015.

Detected concentrations reported in bold.

- = Concentration above NMOCD Reclamation Standard for soil at depths of less than 4 feet bgs.
- = Soil excavated and removed.

¹ = Reclamation Standard provided for sites with soil at a depth of less than 4 feet bgs.

² = Closure Criteria provided for sites with soil at a depth of greater than 4 feet bgs based on depth to groundwater >51 feet bgs.

³ = Total BTEX is the sum of the benzene + toluene + ethylbenzene + total xylenes concentrations.

⁴ = This value is compared against the sum of the benzene + toluene + ethylbenzene + total xylenes concentrations.

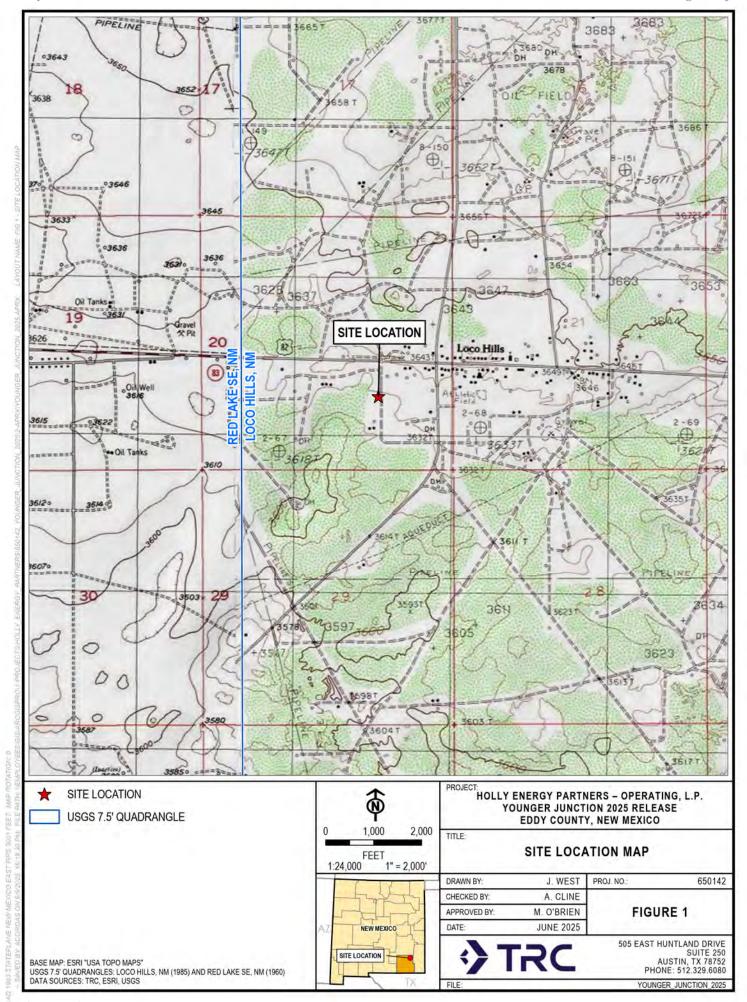
⁵ = TPH is the sum of the GRO + DRO + MRO concentrations.

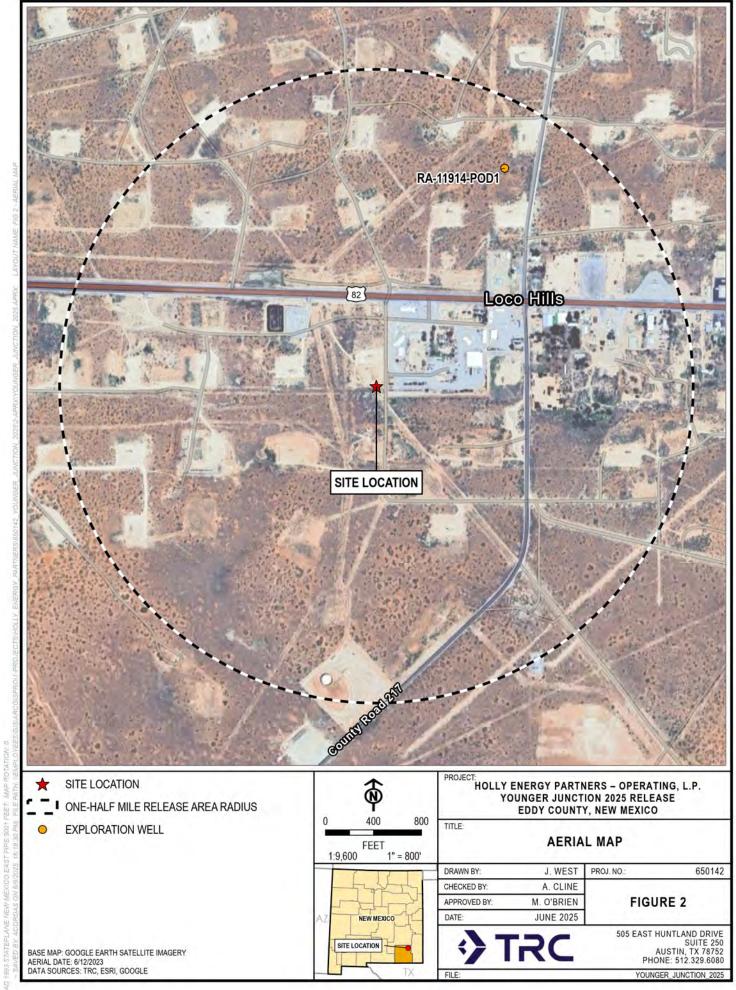
⁶ = This value is compared against the sum of the GRO + DRO concentrations.

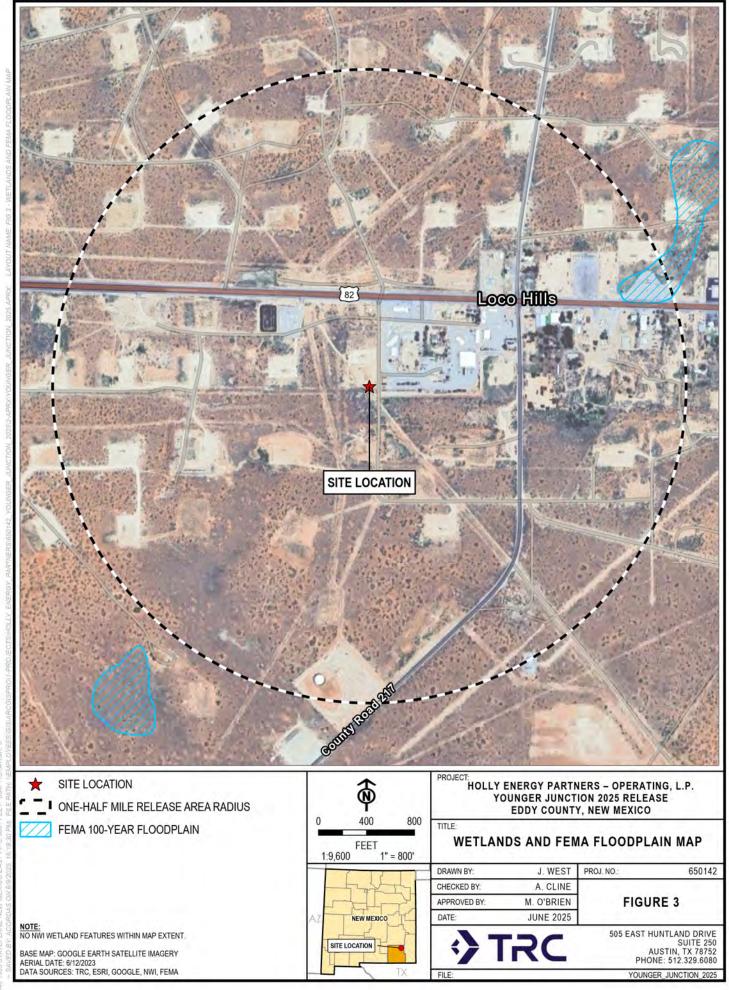
⁷ = This value is compared against the sum of the GRO + DRO + MRO concentrations.

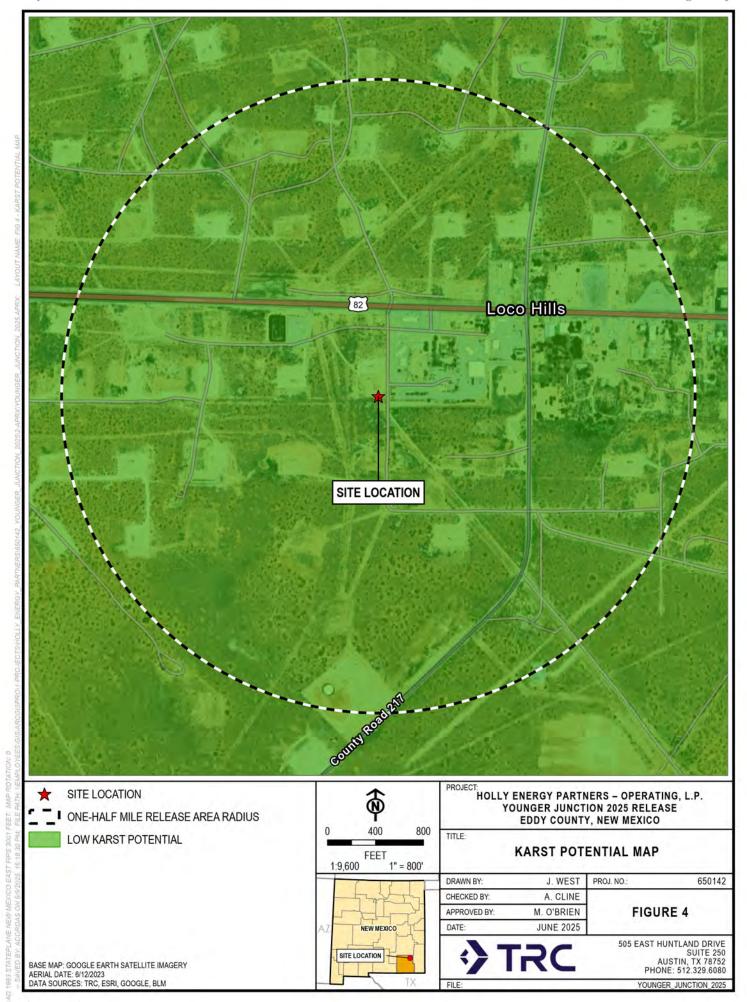


FIGURES











Appendix A: Release Notification and Corrective Action Form (NMOCD Form C-141)

LP) SIGN OUT

Searches

Districts:

Counties:

Operator Data

Artesia

Eddy

Submissions

Administration

OCD Permitting

Home Operator Data

Operator:

Action Status

Action Search Results

Action Status Item Details

[NOTIFY] Notification Of Release (NOR) Application

Submission Information

Submission ID: 420079

[282505] HOLLY ENERGY PARTNERS - OPERATING, LP

Description: HOLLY ENERGY PARTNERS - OPERATING, LP [282505]

, Younger junction , nAPP2501352512

Status: APPROVED

Status Date: 01/13/2025

References (1): nAPP2501352512

references (1).

Forms

This application type does not have attachments.

Questions

Location of Release Source

Please answer all the questions in this group.

 Site Name
 Younger junction

 Date Release Discovered
 01/13/2025

 Surface Owner
 Federal

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

Has this release endangered or does it have a reasonable probability of endangering public health

Has this release substantially damaged or will it substantially damage property or the environment

Is this release of a volume that is or may with reasonable probability be detrimental

No

Nature and Volume of Release

to fresh water

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

Produced Water Released (bbls) Details

Is the concentration of chloride in the produced water >10,000 mg/l

Condensate Released (bbls) Details
Released to Imaging: 7/31/2025 3:06:40 PM

Cause: Human Error | Pipeline (Any) | Crude Oil | Released: 33 BBL | Recovered: 30 BBL | Lost: 3 BBL.

Not answered.

Not answered.

Not answered.

P) SIGNOUT H

Searches

Operator Data

Submissions

Administration

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported)

Was this a major release as defined by Subsection A of 19.15.29.7 NMAC

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.

No, according to supplied volumes this does not appear to be a "gas only" report.

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

appropriately

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

Yes

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

False

If all the actions described above have not been undertaken, explain why

All free liquids have been recovered. Contaminated soils are being removed and placed in a bermed plastic lined area for

disposal upon approval at NM permitted disposal facility.

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 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

Acknowledgments

- I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
- I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
- I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
- 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.
- I acknowledge the fact that 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.
- I acknowledge the fact that, 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.

Comments

No comments found for this submission.

Conditions

Summary:

mnolan (1/13/2025), When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.

SIGN OUT HELP

Searches Operator Data Submissions Administration

Fees

No fees found for this submission.

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Searches

Districts:

Counties:

Operator Data

Artesia

Eddy

Submissions

Administration

OCD Permitting

Operator Data

Action Status

Action Search Results

Action Status Item Details

[C-141] Initial C-141 (C-141-V-INITIAL) Application

Submission Information

Submission ID: 420164

Description:

Operator:

[282505] HOLLY ENERGY PARTNERS - OPERATING, LP HOLLY ENERGY PARTNERS - OPERATING, LP [282505]

, Younger junction , nAPP2501352512

Status:

SUBMITTED

Status Date:

01/13/2025

References (1):

nAPP2501352512

Forms

Attachments:

Volume Calculation

Questions

Prerequisites

Incident Operator

[282505] HOLLY ENERGY PARTNERS - OPERATING, LP

Incident Type

Incident Status

Initial C-141 Received

Incident Well

Unavailable.

Oil Release

Incident Facility

Unavailable.

Location of Release Source

Please answer all the questions in this group.

Site Name Younger junction Date Release Discovered 01/13/2025 Surface Owner Federal

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 No watercourse Has this release endangered or does it have a reasonable probability of endangering No public health

Has this release substantially damaged or will it substantially damage property or the environment

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Submissions

Crude Oil Released (bbls) Details Cause: Human Error | Pipeline (Any) | Crude Oil | Released: 33 BBL | Recovered: 30 BBL | Lost: 3 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 Not answered

Nature and Volume of Release (continued)

Other, Specify, Unknown, and/or Fire, or any negative lost amounts)

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 From paragraph A, "Major release" determine using: release

(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 True pads, or other containment devices All free liquids and recoverable materials have been removed and managed False

If all the actions described above have not been undertaken, explain why

All free liquids have been recovered. Contaminated soils are being removed and placed in a bermed plastic lined area for

disposal upon approval at NM permitted disposal facility.

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: 01/13/2025

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)

Not answered.

What method was used to determine the depth to ground water Not answered Did this release impact groundwater or surface water Not answered.

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 Not answered Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Not answered. An occupied permanent residence, school, hospital, institution, or church Not answered A spring or a private domestic fresh water well used by less than five households for Not answered domestic or stock watering purposes

Any other fresh water well or spring

Not answered

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Operator Data

Submissions

Searches

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Administration

A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or	Not answered.
storage site	

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

No

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.

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

No conditions found for this submission.

Reasons

No reasons found for this submission.

Fees

Summary:			Created	Туре	Amount	Status	Saved
	7RRJS-250113-C-1410	Fee	1/13/2025	SB553 A.(2) [ADMIN]	\$150.00	Paid [PAID]	1/13/2025
		Payment	1/13/2025	Credit Card [CC]	\$150.00	Paid [PAID]	1/13/2025

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Appendix B: Copies of NMOCD Communications

Clark, Darija

Subject:

HEP Younger Junction Extension Request - Incident No. nAPP2501352512

From: Gilbert, Bryan <BGilbert@trccompanies.com>

Sent: Friday, April 11, 2025 3:20 PM

To: OCD.Enviro@emnrd.nm.gov; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Cc: Nolan, Melanie < Melanie.Nolan@HFSinclair.com >; paul.richardson < paul.richardson@hfsinclair.com >; Stoffel, Jared

<<u>JStoffel@trccompanies.com</u>>

Subject: HEP Younger Junction Extension Request - Incident No. nAPP2501352512

Mike,

As discussed during your call with Paul Richardson early today, a release of approximately 33 barrels of crude oil occurred on January 13, 2025. The release was reported to the NMOCD on January 13, 2025, on their online portal utilizing the Notice of Release (NOR) function. A subsequent initial C-141 was also submitted through the portal to include volume calculations on January 13, 2025.

A vacuum truck responded immediately and recovered approximately 30 barrels of crude oil. The affected soil footprint was approximately 2,000 square feet on the caliche pad and the adjacent pastureland. Holly Energy Partners conducted initial excavation of the crude-oil affected soil and stockpiled the soil immediately north of the release location. Initial soil assessment was conducted in January 2025 to delineate the extent of affected soil above NMOCD Closure Criteria. Based on the results of the sampling, additional crude oil-affected soil above Closure Criteria remains at the site.

The remaining crude oil-affected soil will be hydro-excavated and transported to an off-site disposal facility, beginning next week. Confirmation soil samples will be collected from the excavation bottom and sidewalls for analysis of BTEX, TPH, and chloride to confirm concentrations above the Closure Criteria are removed, and the excavation will be backfilled with clean fill material. Hydro-excavation and confirmation soil sampling are scheduled for the week of April 14, 2025; backfilling will be conducted pending the results of the confirmation soil sampling.

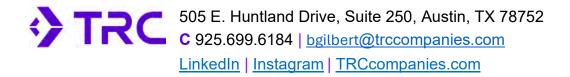
HEP requests a 60-day extension (i.e., until June 12, 2025) to complete the soil remediation and submit a Site Characterization Report and Closure Request.

Please let us know if you have questions or comments regarding this update and extension request.

Thank you,

Bryan Gilbert, PG

Austin Office ECR Practice Leader





Appendix C: Photographic Documentation



Photo 1: View of line locates of excavation area near release point, facing Southwest.



Photo 2: Excavation near release point, facing Southwest.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
650142	TRC	1 of 4	Holly Energy Partners	Younger Junction Release, Eddy County, New Mexico	♦ TRC



Photo 3: View of drying pits with hydro-excavation spoils, facing Southwest.



Photo 4: View of drying pit with hydro-excavation spoils, facing South.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	\
650142	TRC	2 of 4	Holly Energy Partners	Younger Junction Release, Eddy County, New Mexico	♦ TRC



Photo 5: View of excavation near release point, with exposed pipes. Photo facing Southeast.



Photo 6: View of continued excavation near release point, with exposed pipes. Photo facing Southeast.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
650142	TRC	3 of 4	Holly Energy Partners	Younger Junction Release, Eddy County, New Mexico	♦ TRC



Photo 7: Backfill of excavation, facing Northwest.



Photo 8: Final surface restoration, facing Northwest.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
650142	TRC	4 of 4	Holly Energy Partners	Younger Junction Release, Eddy County, New Mexico	♦ TRC



Appendix D: Laboratory Analytical Reports

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel TRC Solutions, Inc. 10 Desta Drive Suite #410E Midland, Texas 79705

Generated 6/10/2025 8:45:54 AM Revision 2

JOB DESCRIPTION

HOLLY YOUNGER JUNCTION LOCO HILLS

JOB NUMBER

890-7594-1

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 6/10/2025 8:45:54 AM Revision 2

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies Page 2 of 53

Released to Imaging: 7/31/2025 3:06:40 PM

Client: TRC Solutions, Inc.

Laboratory Job ID: 890-7594-1

Project/Site: HOLLY YOUNGER JUNCTION

SDG: LOCO HILLS

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 890-7594-1 Project/Site: HOLLY YOUNGER JUNCTION

SDG: LOCO HILLS

Qualifiers

GC VOA Qualifier

F1 MS and/or MSD recovery exceeds control limits.

F2 MS/MSD RPD exceeds control limits

Qualifier Description

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

GC Semi VOA

Qualifier **Qualifier Description** F1 MS and/or MSD recovery exceeds control limits. S1-Surrogate recovery exceeds control limits, low biased. S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

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)

EPA recommended "Maximum Contaminant Level" MCL 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)

Negative / Absent NEG POS Positive / Present

Practical Quantitation Limit POI

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count **TNTC**

Case Narrative

Client: TRC Solutions, Inc. Job ID: 890-7594-1

Project: HOLLY YOUNGER JUNCTION

Eurofins Carlsbad Job ID: 890-7594-1

> Job Narrative 890-7594-1

REVISION

The report being provided is a revision of the original report sent on 1/31/2025. The report (revision 2) is being revised due to Interoffice paperwork missing on final report..

Report revision history

Revision 1 - 2/11/2025 - Reason - Data recall, incorrect weight listed in batch.

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.

The samples were received on 1/22/2025 5:21 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 4.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: AH #1 3 - 4ft (890-7594-1), AH #1 5 - 6ft (890-7594-2), AH # 1 7 - 8ft (890-7594-3), AH # 3 1ft (890-7594-4), AH # 3 2ft (890-7594-5), AH # 2 1 - 2ft (890-7594-6), AH # 2 2 - 3ft (890-7594-7), AH # 4 1ft (890-7594-8), AH # 4 2ft (890-7594-9), AH # 4 3ft (890-7594-10), AH # 4 4ft (890-7594-11), LAT EAST # 1 0 - 1' (890-7594-12), LAT EAST # 2 0 - 1' (890-7594-13), LAT SOUTH # 1 0 - 1' (890-7594-14), LAT WEST # 1 0 - 1' (890-7594-15) and LAT WEST # 2 0 - 1' (890-7594-16).

Method 8021B: Surrogate recovery for the following sample was outside control limits: AH # 1 3 - 4ft (890-7594-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: AH # 1 5 - 6ft (890-7594-2) and AH # 3 1ft (890-7594-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-101105 and analytical batch 880-101085 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: AH #4 2ft (890-7594-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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 sample was outside control limits: AH # 1 3 - 4ft (890-7594-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-101080 and analytical batch 880-101108 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Case Narrative

Client: TRC Solutions, Inc. Job ID: 890-7594-1

Project: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1 (Continued)

Eurofins Carlsbad

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-7597-A-4-B MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: AH # 2 2 - 3ft (890-7594-7). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: AH # 4 4ft (890-7594-11). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-101082 and analytical batch 880-101112 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (890-7597-A-16-A) and (890-7597-A-16-B MS). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-7597-A-16-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: LAT EAST # 2 0 - 1' (890-7594-13), LAT SOUTH # 1 0 - 1' (890-7594-14), LAT WEST # 1 0 - 1' (890-7594-15) and LAT WEST # 2 0 - 1' (890-7594-16). 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

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

Client: TRC Solutions, Inc. Job ID: 890-7594-1 Project/Site: HOLLY YOUNGER JUNCTION SDG: LOCO HILLS

Client Sample ID: AH # 1 3 - 4ft

Date Collected: 01/22/25 11:23 Date Received: 01/22/25 17:21

Lab Sample ID: 890-7594-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	98.2		0.996	mg/Kg		01/24/25 14:00	01/24/25 20:16	500
Toluene	604		9.98	mg/Kg		01/27/25 08:36	01/27/25 14:46	5000
Ethylbenzene	196		0.996	mg/Kg		01/24/25 14:00	01/24/25 20:16	500
m,p-Xylenes	166		1.99	mg/Kg		01/24/25 14:00	01/24/25 20:16	500
o-Xylene	71.7		0.996	mg/Kg		01/24/25 14:00	01/24/25 20:16	500
Xylenes, Total	238		1.99	mg/Kg		01/24/25 14:00	01/24/25 20:16	500
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	165	S1+	70 - 130			01/24/25 14:00	01/24/25 20:16	500
1,4-Difluorobenzene (Surr)	96		70 - 130			01/24/25 14:00	01/24/25 20:16	500
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1140		1.99	ma/Ka			01/27/25 14:46	
IOLAI DI EX	1170		1.99	mg/Kg			01/21/23 14.40	
		Organics (ilig/Kg			01/2//25 14.40	'
Method: SW846 8015 NM - Did Analyte	esel Range (Organics (Qualifier		Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Did	esel Range (•	DRO) (GC)		<u>D</u>	Prepared		Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH	esel Range (Result 21000	Qualifier	DRO) (GC) RL 999	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Did Analyte	esel Range (Result 21000 Diesel Range	Qualifier	DRO) (GC) RL 999	Unit	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	esel Range (Result 21000 Diesel Range	Qualifier Organics	DRO) (GC) RL 999	Unit mg/Kg			Analyzed 01/24/25 11:40	1
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 21000 Diesel Range Result	Qualifier Organics	DRO) (GC) RL 999 (DRO) (GC) RL	Unit mg/Kg Unit		Prepared	Analyzed 01/24/25 11:40 Analyzed 01/24/25 11:40	1 Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10	Result 21000 Diesel Range Result 9860	Qualifier Organics Qualifier	DRO) (GC) RL 999 (DRO) (GC) RL 999	Unit mg/Kg Unit mg/Kg		Prepared 01/24/25 08:11	Analyzed 01/24/25 11:40 Analyzed 01/24/25 11:40 01/24/25 11:40	Dil Fac 20
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 21000 Diesel Range Result 9860	Qualifier Organics Qualifier U	DRO) (GC) RL 999 (DRO) (GC) RL 999 999	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 01/24/25 08:11 01/24/25 08:11	Analyzed 01/24/25 11:40 Analyzed 01/24/25 11:40 01/24/25 11:40	1 Dil Fac 20
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result 21000 Diesel Range Result 9860 11100 <999	Qualifier Organics Qualifier U	DRO) (GC) RL 999 999 999 999	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 01/24/25 08:11 01/24/25 08:11 01/24/25 08:11	Analyzed 01/24/25 11:40 Analyzed 01/24/25 11:40 01/24/25 11:40 01/24/25 11:40 Analyzed	20 20 20

Client Sample ID: AH # 1 5 - 6ft Lab Sample ID: 890-7594-2

Result Qualifier

72.2

Date Collected: 01/22/25 11:35 Date Received: 01/22/25 17:21

Analyte

Chloride

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.923		0.101	mg/Kg		01/24/25 08:53	01/24/25 14:29	50
Toluene	2.23		0.101	mg/Kg		01/24/25 08:53	01/24/25 14:29	50
Ethylbenzene	2.73		0.101	mg/Kg		01/24/25 08:53	01/24/25 14:29	50
m,p-Xylenes	3.16		0.201	mg/Kg		01/24/25 08:53	01/24/25 14:29	50
o-Xylene	3.12		0.101	mg/Kg		01/24/25 08:53	01/24/25 14:29	50
Xylenes, Total	6.28		0.201	mg/Kg		01/24/25 08:53	01/24/25 14:29	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130			01/24/25 08:53	01/24/25 14:29	50
1.4-Difluorobenzene (Surr)	122		70 - 130			01/24/25 08:53	01/24/25 14:29	50

9.98

Unit

mg/Kg

Prepared

Analyzed

01/24/25 19:13

Matrix: Solid

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

Client Sample ID: AH # 1 5 - 6ft

Date Collected: 01/22/25 11:35 Date Received: 01/22/25 17:21

Lab Sample ID: 890-7594-2

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calcula	tion
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Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	12.2	0.201	mg/Kg			01/24/25 14:29	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	530		49 9	ma/Ka			01/24/25 11:54		

Method: SW846 8015B NM - Diesel Range	e Organics (DRO) (GC)
method. Offoro ou lob lim - bicoci italigi	

	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Gasoline Range Organics	72.5		49.9	mg/Kg		01/24/25 08:11	01/24/25 11:54	1
	(GRO)-C6-C10			40.0	11.6		04/04/05 00 44	04/04/05 44 54	
	Diesel Range Organics (Over	457		49.9	mg/Kg		01/24/25 08:11	01/24/25 11:54	1
	C10-C28)	~10.0		40.0	m a /1/ a		04/04/05 00:44	04/04/05 44.54	4
	Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/24/25 08:11	01/24/25 11:54	Į.

Oil Range Organics (Over C28-C36)	<49.9 U	49.9	mg/Kg	01/24/25 08:11 01/24/25 11:54

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	01/24/25 08:11	01/24/25 11:54	1
o-Terphenyl (Surr)	93		70 - 130	01/24/25 08:11	01/24/25 11:54	1

Method: EPA 300.0	- Anions, Ion Chromatography	/ - Soluble
Analyto	Posult Qualifier	D

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.3	9.94	mg/Kg			01/24/25 19:30	1

Client Sample ID: AH # 1 7 - 8ft

Lab Sample ID: 890-7594-3 Date Collected: 01/22/25 11:45 **Matrix: Solid**

Date Received: 01/22/25 17:21

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200	mg/Kg		01/28/25 11:53	01/28/25 14:21	10
Toluene	0.0264		0.0200	mg/Kg		01/28/25 11:53	01/28/25 14:21	10
Ethylbenzene	0.0480		0.0200	mg/Kg		01/28/25 11:53	01/28/25 14:21	10
m,p-Xylenes	0.0808		0.0399	mg/Kg		01/28/25 11:53	01/28/25 14:21	10
o-Xylene	0.0358		0.0200	mg/Kg		01/28/25 11:53	01/28/25 14:21	10
Xylenes, Total	0.117		0.0399	mg/Kg		01/28/25 11:53	01/28/25 14:21	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	01/28/25 11:53	01/28/25 14:21	10
1,4-Difluorobenzene (Surr)	104		70 - 130	01/28/25 11:53	01/28/25 14:21	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Released to Imaging: 7/31/2025 3:06:40 PM

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.191		0.0399	mg/Kg			01/28/25 14:21	1

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

Analyte	Result	Qualifier	RL	Un	it	D	Prepared	Analyzed	Dil Fac
Total TPH	140		49.8	mg	/Kg	_		01/24/25 12:09	1

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

			. (=) ()					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8	mg/Kg		01/24/25 08:11	01/24/25 12:09	1
(GRO)-C6-C10								
Diesel Range Organics (Over	140		49.8	mg/Kg		01/24/25 08:11	01/24/25 12:09	1
C10-C28)								

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1 SDG: LOCO HILLS

Client Sample ID: AH # 1 7 - 8ft

Lab Sample ID: 890-7594-3

Date Collected: 01/22/25 11:45 Date Received: 01/22/25 17:21

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/24/25 08:11	01/24/25 12:09	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane (Surr)	83		70 - 130			01/24/25 08:11	01/24/25 12:09	
o-Terphenyl (Surr)	83		70 - 130			01/24/25 08:11	01/24/25 12:09	
Method: EPA 300.0 - Anions,	Ion Chroma	tography -	Soluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	14.8		10.1	mg/Kg			01/24/25 19:36	
Client Sample ID: AH # 3	1ft					Lab Samp	le ID: 890-7	'594 -
Pate Collected: 01/22/25 12:00 Pate Received: 01/22/25 17:21							Matrix	: Soli
		<u> </u>	d. (00)					
Method: SW846 8021B - Vola Analyte	•	Qualifier	as (GC) RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.0981		0.0200	mg/Kg		01/27/25 17:00	01/27/25 18:33	
Toluene	0.930		0.0200	mg/Kg		01/27/25 17:00	01/27/25 18:33	,
Ethylbenzene	1.36		0.0200	mg/Kg		01/27/25 17:00	01/27/25 18:33	,
m,p-Xylenes	1.33		0.0401	mg/Kg		01/27/25 17:00	01/27/25 18:33	
o-Xylene	0.573		0.0200	mg/Kg		01/27/25 17:00	01/27/25 18:33	
Xylenes, Total	1.90		0.0401	mg/Kg		01/27/25 17:00	01/27/25 18:33	,
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130			01/27/25 17:00	01/27/25 18:33	1
1,4-Difluorobenzene (Surr)	96		70 - 130			01/27/25 17:00	01/27/25 18:33	1
Method: TAL SOP Total BTE	X - Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	4.29		0.0401	mg/Kg			01/27/25 18:33	
	iesel Range	Organics (DRO) (GC)					
Method: SW846 8015 NM - D	ioooi itaiigo			1114				DHE
Method: SW846 8015 NM - D Analyte	_	Qualifier	RL 49.8	Unit	D	Prepared	Analyzed	Dil Fa

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77	70 - 130	01/24/25 08:11	01/24/25 12:23	1
o-Terphenyl (Surr)	82	70 - 130	01/24/25 08:11	01/24/25 12:23	1
_					

RL

49.8

49.8

49.8

Unit

mg/Kg

mg/Kg

mg/Kg

Prepared

01/24/25 08:11 01/24/25 12:23

01/24/25 08:11 01/24/25 12:23

01/24/25 08:11 01/24/25 12:23

Analyzed

Dil Fac

Result Qualifier

<49.8 U

295

<49.8 U

Method: EPA 300.0 - Anions, I	on Chromat	ography -	Soluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.5		10.1	mg/Kg			01/24/25 19:42	1

Eurofins Carlsbad

Analyte

C10-C28)

(GRO)-C6-C10

Gasoline Range Organics

Diesel Range Organics (Over

Oil Range Organics (Over C28-C36)

Job ID: 890-7594-1

Client: TRC Solutions, Inc. Project/Site: HOLLY YOUNGER JUNCTION SDG: LOCO HILLS

Client Sample ID: AH # 3 2ft Lab Sample ID: 890-7594-5

Date Collected: 01/22/25 12:04 **Matrix: Solid** Date Received: 01/22/25 17:21

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00202	U	0.00202	mg/Kg		01/24/25 08:53	01/24/25 13:28	
Toluene	0.00559		0.00202	mg/Kg		01/24/25 08:53	01/24/25 13:28	
Ethylbenzene	0.0104		0.00202	mg/Kg		01/24/25 08:53	01/24/25 13:28	
m,p-Xylenes	0.0128		0.00404	mg/Kg		01/24/25 08:53	01/24/25 13:28	
o-Xylene	0.00826		0.00202	mg/Kg		01/24/25 08:53	01/24/25 13:28	
Xylenes, Total	0.0211		0.00404	mg/Kg		01/24/25 08:53	01/24/25 13:28	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	103		70 - 130			01/24/25 08:53	01/24/25 13:28	
1,4-Difluorobenzene (Surr)	124		70 - 130			01/24/25 08:53	01/24/25 13:28	
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.0371		0.00404	mg/Kg			01/24/25 13:28	
Method: SW846 8015 NM - Di	Result	Qualifier	RL	Unit	_ <u>D</u>	Prepared	Analyzed	Dil Fa
Total TPH	57.6		49.7	mg/Kg			01/24/25 11:40	
Method: SW846 8015B NM - [Diesel Range	Organics	(DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	
Gasoline Range Organics	<49.7							Dil Fa
	<49.7	U	49.7	mg/Kg		01/24/25 08:17	01/24/25 11:40	Dil Fa
(GRO)-C6-C10 Diesel Range Organics (Over	57.6	U	49.7	mg/Kg mg/Kg			01/24/25 11:40 01/24/25 11:40	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)				0 0		01/24/25 08:17		
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	57.6	U	49.7	mg/Kg		01/24/25 08:17	01/24/25 11:40	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	57.6 <49.7	U	49.7 49.7	mg/Kg		01/24/25 08:17 01/24/25 08:17 Prepared	01/24/25 11:40 01/24/25 11:40	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	57.6 <49.7 %Recovery	U	49.7 49.7 Limits	mg/Kg		01/24/25 08:17 01/24/25 08:17 Prepared 01/24/25 08:17	01/24/25 11:40 01/24/25 11:40 <i>Analyzed</i>	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	57.6 <49.7 %Recovery 72 74	U Qualifier	49.7 49.7 Limits 70 - 130 70 - 130	mg/Kg		01/24/25 08:17 01/24/25 08:17 Prepared 01/24/25 08:17	01/24/25 11:40 01/24/25 11:40 Analyzed 01/24/25 11:40	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr) Method: EPA 300.0 - Anions, Analyte	57.6 <49.7 %Recovery 72 74 Ion Chromat	U Qualifier	49.7 49.7 Limits 70 - 130 70 - 130	mg/Kg	D	01/24/25 08:17 01/24/25 08:17 Prepared 01/24/25 08:17	01/24/25 11:40 01/24/25 11:40 Analyzed 01/24/25 11:40	

Client Sample ID: AH # 2 1 - 2ft Lab Sample ID: 890-7594-6 Date Collected: 01/22/25 11:51 **Matrix: Solid**

Date Received: 01/22/25 17:21

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0196		0.00202	mg/Kg		01/24/25 08:53	01/24/25 13:48	1
Toluene	0.0157		0.00202	mg/Kg		01/24/25 08:53	01/24/25 13:48	1
Ethylbenzene	0.00907		0.00202	mg/Kg		01/24/25 08:53	01/24/25 13:48	1
m,p-Xylenes	0.00974		0.00403	mg/Kg		01/24/25 08:53	01/24/25 13:48	1
o-Xylene	0.00546		0.00202	mg/Kg		01/24/25 08:53	01/24/25 13:48	1
Xylenes, Total	0.0152		0.00403	mg/Kg		01/24/25 08:53	01/24/25 13:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			01/24/25 08:53	01/24/25 13:48	1
1.4-Difluorobenzene (Surr)	128		70 - 130			01/24/25 08:53	01/24/25 13:48	1

Client: TRC Solutions, Inc. Job ID: 890-7594-1 Project/Site: HOLLY YOUNGER JUNCTION SDG: LOCO HILLS

Client Sample ID: AH # 2 1 - 2ft

Date Collected: 01/22/25 11:51 Date Received: 01/22/25 17:21

Lab Sample ID: 890-7594-6

Matrix: Solid

Method: TAL SC	OP Total BTEX - Total BTEX Calculation
Δnalvto	Result Qualifier

Unit RL D Prepared Analyzed Dil Fac Analyte 01/24/25 13:48 **Total BTEX** 0.00403 mg/Kg 0.0596

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

Result Qualifier Unit Analyzed Dil Fac Analyte D Prepared Total TPH <50.0 U 50.0 mg/Kg 01/24/25 11:54

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

method. 344040 0013D Nm - Dieser Kange Organics (DKO) (OC)										
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/24/25 08:17	01/24/25 11:54	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/24/25 08:17	01/24/25 11:54	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/24/25 08:17	01/24/25 11:54	1		
Surrogata	9/ Bassyary	Ouglifier	Limita			Droporod	Analyzad	Dil Eco		

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 01/24/25 08:17 01/24/25 11:54 1-Chlorooctane (Surr) 72 70 - 130 o-Terphenyl (Surr) 73 70 - 130 01/24/25 08:17 01/24/25 11:54

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier Analyte Unit RL **Prepared** Analyzed Dil Fac Chloride 59.7 10.1 01/24/25 19:54 mg/Kg

Client Sample ID: AH # 2

Released to Imaging: 7/31/2025 3:06:40 PM

Lab Sample ID: 890-7594-7 Date Collected: 01/22/25 11:54 Matrix: Solid

Date Received: 01/22/25 17:21

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/24/25 08:53	01/24/25 16:44	1
Toluene	0.00204		0.00200	mg/Kg		01/24/25 08:53	01/24/25 16:44	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/24/25 08:53	01/24/25 16:44	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		01/24/25 08:53	01/24/25 16:44	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/24/25 08:53	01/24/25 16:44	1
Xylenes, Total	< 0.00399	U	0.00399	mg/Kg		01/24/25 08:53	01/24/25 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	01/24/25 08:53 01/24/25 16:44	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/24/25 08:53 01/24/25 16:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte Result Qualifier RL Unit D Analyzed Dil Fac Prepared <0.00399 U Total BTEX 0.00399 01/24/25 16:44 mg/Kg

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 01/24/25 12:09 mg/Kg

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

motification of the state of the state	Diocol Italige	, organico	(5.10) (50)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8	mg/Kg		01/24/25 08:17	01/24/25 12:09	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.8	U	49.8	mg/Kg		01/24/25 08:17	01/24/25 12:09	1
C10-C28)								

2

Client: TRC Solutions, Inc.

Analyte

Chloride

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

m,p-Xylenes

Xvlenes. Total

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1 SDG: LOCO HILLS

Client Sample ID: AH # 2 2 - 3ft Lab Sample

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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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

Result Qualifier

Result Qualifier

Result Qualifier

25.1

<0.00199 U

<0.00199 U

<0.00398 U

<0.00199 U

<0.00398 U

0.00308

Lab Sample ID: 890-7594-7 Matrix: Solid

Date Collected: 01/22/25 11:54 Date Received: 01/22/25 17:21

Prepared	Analyzed	Dil Fac	5
01/24/25 08:17 Prepared	01/24/25 12:09 Analyzed	1 Dil Fac	

Oil Range Organics (Over C28-C36) <49.8 U 49.8 mg/Kg Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) S1-70 - 130 61 01/24/25 08:17 01/24/25 12:09 63 S1-01/24/25 08:17 01/24/25 12:09 o-Terphenyl (Surr) 70 - 130

RL

10.0

RL

0.00199

0.00199

0.00199

0.00398

0.00199

0.00398

Unit

Unit

mg/Kg

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

ma/Ka

D

 D
 Prepared
 Analyzed
 Dil Fac

 01/24/25 20:00
 1

Client Sample ID: AH # 4 1ft
Date Collected: 01/22/25 12:15

Lab Sample ID: 890-7594-8
Matrix: Solid

Date Received: 01/22/25 17:21

D	Prepared	Analyzed	Dil Fac
_	01/24/25 08:53	01/24/25 17:05	1
	01/24/25 08:53	01/24/25 17:05	1
	01/24/25 08:53	01/24/25 17:05	1
	01/24/25 08:53	01/24/25 17:05	1
	01/24/25 08:53	01/24/25 17:05	1

01/24/25 08:53 01/24/25 17:05

, ,			3, 3			
Surrogate	%Recovery Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93	70 - 130		01/24/25 08:53	01/24/25 17:05	1
1,4-Difluorobenzene (Surr)	101	70 - 130		01/24/25 08:53	01/24/25 17:05	1

Method: TAL SOP Total BTEX - Total BTEX CalculationAnalyteResultQualifierRLUnitDPreparedAnalyzedDil FacTotal BTEX<0.00398</td>U0.00398mg/Kg01/24/25 17:051

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			01/24/25 12:23	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/24/25 08:17	01/24/25 12:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/24/25 08:17	01/24/25 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/24/25 08:17	01/24/25 12:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130	01/24/25 08:17	01/24/25 12:23	1
o-Terphenyl (Surr)	72		70 - 130	01/24/25 08:17	01/24/25 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	17.9	9.98	mg/Kg			01/24/25 20:17	1	

Job ID: 890-7594-1

Client: TRC Solutions, Inc. Project/Site: HOLLY YOUNGER JUNCTION SDG: LOCO HILLS

Lab Sample ID: 890-7594-9 Client Sample ID: AH # 4 2ft

Date Collected: 01/22/25 12:18 Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199	mg/Kg		01/27/25 17:00	01/27/25 18:53	10
Toluene	0.0401		0.0199	mg/Kg		01/27/25 17:00	01/27/25 18:53	10
Ethylbenzene	0.325		0.0199	mg/Kg		01/27/25 17:00	01/27/25 18:53	10
m,p-Xylenes	0.542		0.0398	mg/Kg		01/27/25 17:00	01/27/25 18:53	10
o-Xylene	0.319		0.0199	mg/Kg		01/27/25 17:00	01/27/25 18:53	10
Xylenes, Total	0.861		0.0398	mg/Kg		01/27/25 17:00	01/27/25 18:53	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130			01/27/25 17:00	01/27/25 18:53	10
1,4-Difluorobenzene (Surr)	100		70 - 130			01/27/25 17:00	01/27/25 18:53	10
- Method: TAL SOP Total B1	EX - Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.23		0.0398	mg/Kg			01/27/25 18:53	1
- Method: SW846 8015 NM -	Diesel Range	Organics (DRO) (GC)					
	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	NL.	Onit	U	Frepareu	Allalyzeu	Diriac

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/24/25 08:19	01/24/25 11:52	1
Diesel Range Organics (Over C10-C28)	245		50.0	mg/Kg		01/24/25 08:19	01/24/25 11:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/24/25 08:19	01/24/25 11:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130			01/24/25 08:19	01/24/25 11:52	1
o-Terphenyl (Surr)	74		70 - 130			01/24/25 08:19	01/24/25 11:52	1

Method: EPA 300.0 - Anions, lo	n Chromatography - S	oluble					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.7	9.94	mg/Kg			01/24/25 20:23	1

Client Sample ID: AH # 4 3ft Lab Sample ID: 890-7594-10 Date Collected: 01/22/25 12:21 **Matrix: Solid** Date Received: 01/22/25 17:21

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/24/25 08:53	01/24/25 17:25	1
Toluene	0.00269		0.00198	mg/Kg		01/24/25 08:53	01/24/25 17:25	1
Ethylbenzene	0.00272		0.00198	mg/Kg		01/24/25 08:53	01/24/25 17:25	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		01/24/25 08:53	01/24/25 17:25	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/24/25 08:53	01/24/25 17:25	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		01/24/25 08:53	01/24/25 17:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			01/24/25 08:53	01/24/25 17:25	1
1.4-Difluorobenzene (Surr)	128		70 - 130			01/24/25 08:53	01/24/25 17:25	1

Date Received: 01/22/25 17:21

Client: TRC Solutions, Inc. Project/Site: HOLLY YOUNGER JUNCTION

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Job ID: 890-7594-1

01/24/25 08:19 01/24/25 12:08

SDG: LOCO HILLS

Client Sample ID: AH # 4 3ft Lab Sample ID: 890-7594-10 Date Collected: 01/22/25 12:21

Matrix: Solid

Method: TAL SOP Total BTEX -	Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00541		0.00397	mg/Kg			01/24/25 17:25	1
Method: SW846 8015 NM - Dies	sel Range (Organics (I	DRO) (GC)					

Result Qualifier RL Unit Dil Fac Analyte Prepared Analyzed

52.5		49.8	mg/Kg			01/24/25 12:08	1
Diesel Range	e Organics	(DRO) (GC)					
Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<49.8	U	49.8	mg/Kg		01/24/25 08:19	01/24/25 12:08	1
52.5		49.8	mg/Kg		01/24/25 08:19	01/24/25 12:08	1
<49.8	U	49.8	mg/Kg		01/24/25 08:19	01/24/25 12:08	1
%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
75		70 - 130			01/24/25 08:19	01/24/25 12:08	1
	Piesel Range Result <49.8 52.5 <49.8 %Recovery	Diesel Range Organics Result Qualifier <49.8 U %Recovery Qualifier Qualifier	Result Qualifier RL <49.8	Diesel Range Organics (DRO) (GC) Result Qualifier RL Unit <49.8	Diesel Range Organics (DRO) (GC) Result Qualifier RL Unit D <49.8	Diesel Range Organics (DRO) (GC) Result Qualifier RL Unit D Prepared <49.8	Diesel Range Result Qualifier RL Unit D 01/24/25 08:19 Prepared 01/24/25 12:08 Analyzed 01/24/25 12:08 52.5 49.8 mg/Kg 01/24/25 08:19 01/24/25 12:08 49.8 U 49.8 mg/Kg 01/24/25 08:19 01/24/25 12:08 %Recovery Qualifier Limits Prepared Analyzed

Method: EPA 300.0 - Anions, Id	on Chromat	ography -	Soluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.2		10.1	mg/Kg			01/24/25 20:41	1

70 - 130

Lab Sample ID: 890-7594-11 Client Sample ID: AH # 4 4ft Date Collected: 01/22/25 12:23 **Matrix: Solid**

Date Received: 01/22/25 17:21

o-Terphenyl (Surr)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/24/25 08:53	01/24/25 17:46	1
Toluene	< 0.00202	U	0.00202	mg/Kg		01/24/25 08:53	01/24/25 17:46	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/24/25 08:53	01/24/25 17:46	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		01/24/25 08:53	01/24/25 17:46	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/24/25 08:53	01/24/25 17:46	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/24/25 08:53	01/24/25 17:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130			01/24/25 08:53	01/24/25 17:46	1
1,4-Difluorobenzene (Surr)	109		70 - 130			01/24/25 08:53	01/24/25 17:46	1
- , , , _ , , , , , , , , , , , , , , ,								
• *		X Calculat						
Method: TAL SOP Total B1	EX - Total BTE	X Calculat Qualifier		Unit	D	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX	EX - Total BTE	Qualifier	ion	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 01/24/25 17:46	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX	TEX - Total BTE Result <0.00404	Qualifier U	ion RL 0.00404		<u>D</u>	Prepared		Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM -	TEX - Total BTE Result <0.00404 Diesel Range	Qualifier U	ion RL 0.00404		<u>D</u>	Prepared Prepared		1
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM -	TEX - Total BTE Result <0.00404 Diesel Range	Qualifier U Organics (Qualifier	ion RL 0.00404 DRO) (GC)	mg/Kg	_ =	· ·	01/24/25 17:46	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte Total TPH	TEX - Total BTE Result <0.00404 Diesel Range (Result <49.7	Qualifier U Organics (Qualifier U	DRO) (GC) RL 49.7	mg/Kg Unit	_ =	· ·	01/24/25 17:46 Analyzed	1
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte Total TPH Method: SW846 8015B NM	TEX - Total BTE Result <0.00404 Diesel Range Result <49.7 I - Diesel Range	Qualifier U Organics (Qualifier U	DRO) (GC) RL 49.7	mg/Kg Unit	_ =	· ·	01/24/25 17:46 Analyzed	1
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte	TEX - Total BTE Result <0.00404 Diesel Range Result <49.7 I - Diesel Range	Qualifier U Organics (Qualifier U Organics Qualifier U	DRO) (GC) RL 49.7	mg/Kg Unit mg/Kg	 D	Prepared	01/24/25 17:46 Analyzed 01/24/25 12:24	Dil Fac

Project/Site: HOLLY YOUNGER JUNCTION

SDG: LOCO HILLS

Lab Sample ID: 890-7594-11

Matrix: Solid

Job ID: 890-7594-1

Client Sample ID: AH # 4	4ft
Date Collected: 01/22/25 12:23	

Date Received: 01/22/25 17:21

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		01/24/25 08:19	01/24/25 12:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130			01/24/25 08:19	01/24/25 12:24	1
o-Terphenyl (Surr)	69	S1-	70 - 130			01/24/25 08:19	01/24/25 12:24	1

Method: EPA 300.0 - Anions, Io	n Chromate	ography - S	oluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		10.1	mg/Kg			01/24/25 20:47	1

Client Sample ID: LAT EAST # 1 0 - 1'

Date Collected: 01/22/25 14:05

Lab Sample ID: 890-7594-12 **Matrix: Solid**

Date Received: 01/22/25 17:21

Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<0.00198	U	0.00198	mg/Kg		01/24/25 08:53	01/24/25 18:06	1
<0.00198 U	U	0.00198	mg/Kg		01/24/25 08:53	01/24/25 18:06	1
<0.00198 (U	0.00198	mg/Kg		01/24/25 08:53	01/24/25 18:06	1
<0.00396 U	U	0.00396	mg/Kg		01/24/25 08:53	01/24/25 18:06	1
<0.00198 U	U	0.00198	mg/Kg		01/24/25 08:53	01/24/25 18:06	1
<0.00396 U	U	0.00396	mg/Kg		01/24/25 08:53	01/24/25 18:06	1
	<0.00198 <0.00198 <0.00198 <0.00396 <0.00198	Result Qualifier <0.00198 U <0.00198 U <0.00198 U <0.00396 U <0.00198 U <0.00396 U	<0.00198 U 0.00198 <0.00198 U 0.00198 <0.00198 U 0.00198 <0.00198 U 0.00396 <0.00198 U 0.00396	<0.00198 U 0.00198 mg/Kg <0.00198 U 0.00198 mg/Kg <0.00198 U 0.00198 mg/Kg <0.00198 U 0.00396 mg/Kg <0.00396 U 0.00396 mg/Kg <0.00198 U 0.00198 mg/Kg	<0.00198	<0.00198	<0.00198

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	4-Bromofluorobenzene (Surr)	91		70 - 130	01/24/25 08:53	01/24/25 18:06	1
	1,4-Difluorobenzene (Surr)	110		70 - 130	01/24/25 08:53	01/24/25 18:06	1
ì	_						

Method: TAL SOP Total BTEX -	Total BTE	X Calculati	on					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/25 18:06	1

	Method: SW846 8015 NM - Dies	el Range (Organics (D	RO) (GC)					
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
l	Total TPH	<49.8	U	49.8	mg/Kg			01/24/25 12:41	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg	<u></u>	01/24/25 08:19	01/24/25 12:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/24/25 08:19	01/24/25 12:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/24/25 08:19	01/24/25 12:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82	·	70 - 130			01/24/25 08:19	01/24/25 12:41	1
o-Terphenyl (Surr)	76		70 - 130			01/24/25 08:19	01/24/25 12:41	1

Method: EPA 300.0 - Anions, lo	on Chromato	graphy -	Soluble					
Analyte	Result C	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2		9.98	mg/Kg			01/24/25 20:53	1

Client: TRC Solutions, Inc. Job ID: 890-7594-1 Project/Site: HOLLY YOUNGER JUNCTION SDG: LOCO HILLS

Client Sample ID: LAT EAST # 2 0 - 1'

Lab Sample ID: 890-7594-13 Date Collected: 01/22/25 14:05

Matrix: Solid Date Received: 01/22/25 17:21

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200	mg/Kg		01/24/25 08:53	01/24/25 18:26	
Toluene	<0.00200	U	0.00200	mg/Kg		01/24/25 08:53	01/24/25 18:26	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/24/25 08:53	01/24/25 18:26	
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/24/25 08:53	01/24/25 18:26	
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/24/25 08:53	01/24/25 18:26	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/24/25 08:53	01/24/25 18:26	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	93		70 - 130			01/24/25 08:53	01/24/25 18:26	
1,4-Difluorobenzene (Surr)	110		70 - 130			01/24/25 08:53	01/24/25 18:26	
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/25 18:26	
Method: SW846 8015 NM - Di Analyte	Result	Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Total TPH	<49.8		49.8	mg/Kg		Tioparoa		
-				9,9			01/24/25 11:52	
				9/119			01/24/25 11:52	
	_	_	. , . ,					
Analyte	Result	Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Analyte Gasoline Range Organics	_	Qualifier	. , . ,		<u>D</u>	Prepared 01/24/25 08:21		
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U	RL	Unit	<u>D</u>		Analyzed	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.8	Qualifier U	RL 49.8	Unit mg/Kg	<u>D</u>	01/24/25 08:21	Analyzed 01/24/25 11:52	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<49.8 <49.8	Qualifier U U U	49.8 49.8	Unit mg/Kg mg/Kg	<u>D</u>	01/24/25 08:21	Analyzed 01/24/25 11:52 01/24/25 11:52	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	Result <49.8 <49.8 <49.8 <49.8	Qualifier U U U	49.8 49.8 49.8	Unit mg/Kg mg/Kg	<u>D</u>	01/24/25 08:21 01/24/25 08:21 01/24/25 08:21	Analyzed 01/24/25 11:52 01/24/25 11:52 01/24/25 11:52	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	Result <49.8 <49.8 <49.8 <49.8	Qualifier U U U Qualifier	49.8 49.8 49.8 Limits	Unit mg/Kg mg/Kg	<u>D</u>	01/24/25 08:21 01/24/25 08:21 01/24/25 08:21 <i>Prepared</i>	Analyzed 01/24/25 11:52 01/24/25 11:52 01/24/25 11:52 Analyzed 01/24/25 11:52	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	Result <49.8 <49.8 <49.8 <49.8 <49.8	Qualifier U U U Qualifier S1+	RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130	Unit mg/Kg mg/Kg	<u>D</u>	01/24/25 08:21 01/24/25 08:21 01/24/25 08:21 Prepared 01/24/25 08:21	Analyzed 01/24/25 11:52 01/24/25 11:52 01/24/25 11:52 Analyzed 01/24/25 11:52	Dil Fa
Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr) Method: EPA 300.0 - Anions, Analyte	Result <49.8 <49.8 <49.8 <49.8	Qualifier U U U Qualifier S1+	RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130	Unit mg/Kg mg/Kg	<u>D</u>	01/24/25 08:21 01/24/25 08:21 01/24/25 08:21 Prepared 01/24/25 08:21	Analyzed 01/24/25 11:52 01/24/25 11:52 01/24/25 11:52 Analyzed 01/24/25 11:52	Dil Fa

Client Sample ID: LAT SOUTH # 1 0 - 1' Lab Sample ID: 890-7594-14

Date Collected: 01/22/25 14:00 Date Received: 01/22/25 17:21

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/24/25 08:53	01/24/25 18:47	1
Toluene	0.00630		0.00202	mg/Kg		01/24/25 08:53	01/24/25 18:47	1
Ethylbenzene	0.00511		0.00202	mg/Kg		01/24/25 08:53	01/24/25 18:47	1
m,p-Xylenes	0.00548		0.00404	mg/Kg		01/24/25 08:53	01/24/25 18:47	1
o-Xylene	0.00224		0.00202	mg/Kg		01/24/25 08:53	01/24/25 18:47	1
Xylenes, Total	0.00772		0.00404	mg/Kg		01/24/25 08:53	01/24/25 18:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			01/24/25 08:53	01/24/25 18:47	1
1,4-Difluorobenzene (Surr)	106		70 - 130			01/24/25 08:53	01/24/25 18:47	1

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Matrix: Solid

Job ID: 890-7594-1

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Client Sample ID: LAT SOUTH # 1

Date Collected: 01/22/25 14:00 Date Received: 01/22/25 17:21

SDG: LOCO HILLS

Lab Sample ID: 890-7594-14

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation RL Unit Analyte Result Qualifier D Prepared Analyzed Dil Fac 0.00404 01/24/25 18:47 **Total BTEX** 0.0191 mg/Kg

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

Result Qualifier Unit D Dil Fac Analyte Prepared Analyzed Total TPH <49.7 U 49.7 mg/Kg 01/24/25 12:08

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

Result Qualifier RL Unit D Prepared Analyzed Dil Fac Analyte <49.7 U 49.7 01/24/25 08:21 01/24/25 12:08 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.7 U 49.7 mg/Kg 01/24/25 08:21 01/24/25 12:08 C10-C28) 01/24/25 08:21 01/24/25 12:08 Oil Range Organics (Over C28-C36) <49.7 U 49.7 mg/Kg Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac

1-Chlorooctane (Surr) 134 S1+ 70 - 130 01/24/25 08:21 01/24/25 12:08 o-Terphenyl (Surr) 112 70 - 130 01/24/25 08:21 01/24/25 12:08

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier

Unit RL Prepared Analyzed Dil Fac 10.1 01/24/25 21:05 Chloride 10.4 mg/Kg

Client Sample ID: LAT WEST # 1

Lab Sample ID: 890-7594-15 Date Collected: 01/22/25 13:40 Matrix: Solid

Date Received: 01/22/25 17:21

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

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Benzene <0.00200 U 0.00200 01/24/25 08:53 01/24/25 19:07 mg/Kg Toluene <0.00200 U 0.00200 mg/Kg 01/24/25 08:53 01/24/25 19:07 Ethylbenzene <0.00200 U 0.00200 mg/Kg 01/24/25 08:53 01/24/25 19:07 m,p-Xylenes <0.00400 U 0.00400 mg/Kg 01/24/25 08:53 01/24/25 19:07 o-Xylene <0.00200 U 0.00200 mg/Kg 01/24/25 08:53 01/24/25 19:07 Xylenes, Total <0.00400 U 0.00400 mg/Kg 01/24/25 08:53 01/24/25 19:07

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 70 - 130 01/24/25 08:53 01/24/25 19:07 4-Bromofluorobenzene (Surr) 104 1,4-Difluorobenzene (Surr) 125 70 - 130 01/24/25 08:53 01/24/25 19:07

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte Result Qualifier D RL Unit Prepared Analyzed <0.00400 U Total BTEX 0.00400 01/24/25 19:07 mg/Kg

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

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Total TPH <50.0 U 50.0 01/24/25 12:24 mg/Kg

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

	2 .000ug.	, - . ga						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		01/24/25 08:21	01/24/25 12:24	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		01/24/25 08:21	01/24/25 12:24	1
C10-C28)								

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Dil Fac

6/10/2025 (Rev. 2)

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1 SDG: LOCO HILLS

Client Sample ID: LAT WEST # 1 0 - 1'

Lab Sample ID: 890-7594-15

Matrix: Solid

Date Collected: 01/22/25 13:40 Date Received: 01/22/25 17:21

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/24/25 08:21	01/24/25 12:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	141	S1+	70 - 130			01/24/25 08:21	01/24/25 12:24	1
o-Terphenyl (Surr)	111		70 - 130			01/24/25 08:21	01/24/25 12:24	1

Method: EPA 300.0 - Anions, lo	n Chromat	ography - S	oluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.2		10.0	mg/Kg			01/24/25 21:11	1

Client Sample ID: LAT WEST # 2 0 - 1'

Lab Sample ID: 890-7594-16 Date Collected: 01/22/25 13:45 **Matrix: Solid**

Date Received: 01/22/25 17:21

Analyte

Chloride

Released to Imaging: 7/31/2025 3:06:40 PM

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/24/25 08:53	01/24/25 19:28	1
Toluene	< 0.00199	U	0.00199	mg/Kg		01/24/25 08:53	01/24/25 19:28	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		01/24/25 08:53	01/24/25 19:28	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/24/25 08:53	01/24/25 19:28	1
o-Xylene	< 0.00199	U	0.00199	mg/Kg		01/24/25 08:53	01/24/25 19:28	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/24/25 08:53	01/24/25 19:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130			01/24/25 08:53	01/24/25 19:28	1
1,4-Difluorobenzene (Surr)	110		70 - 130			01/24/25 08:53	01/24/25 19:28	1
Method: TAL SOP Total BTEX	C - Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/25 19:28	1
Method: SW846 8015 NM - Die	esel Range (Organics (DRO) (GC)					
Method: SW846 8015 NM - Die Analyte	_	Organics (Qualifier	DRO) (GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
	_	Qualifier	, , ,	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 01/24/25 12:41	Dil Fac
Analyte Total TPH	Result <49.8	Qualifier U	RL 49.8		<u>D</u>	Prepared		Dil Fac
Analyte Total TPH * Method: SW846 8015B NM - E	Result <49.8	Qualifier U	RL 49.8		<u>D</u>	Prepared Prepared		Dil Fac
Analyte Total TPH Method: SW846 8015B NM - December 1988	Result <49.8	Qualifier U Organics Qualifier	RL 49.8 (DRO) (GC)	mg/Kg	_ =		01/24/25 12:41	1
Analyte Total TPH Method: SW846 8015B NM - DANALYTE Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.8 Diesel Range Result	Qualifier U Organics Qualifier U	49.8 (DRO) (GC) RL	mg/Kg Unit	_ =	Prepared	01/24/25 12:41 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - December 2015 Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.8 Diesel Range Result <49.8	Qualifier U Organics Qualifier U	RL 49.8 (DRO) (GC) RL 49.8	mg/Kg Unit mg/Kg	_ =	Prepared 01/24/25 08:21	01/24/25 12:41 Analyzed 01/24/25 12:41	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <49.8 Diesel Range Result <49.8 <49.8	Qualifier U Organics Qualifier U U	RL 49.8 (DRO) (GC) RL 49.8 49.8	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 01/24/25 08:21 01/24/25 08:21	01/24/25 12:41 Analyzed 01/24/25 12:41 01/24/25 12:41	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.8 Diesel Range Result <49.8 <49.8 <49.8 <49.8 %Recovery	Qualifier U Organics Qualifier U U	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 01/24/25 08:21 01/24/25 08:21 01/24/25 08:21	Analyzed 01/24/25 12:41 01/24/25 12:41 01/24/25 12:41 01/24/25 12:41	Dil Fac

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Dil Fac

Analyzed

01/24/25 21:16

RL

9.98

Unit

mg/Kg

Prepared

Result Qualifier

19.3

Surrogate Summary

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		:	D=D=4	
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-7594-1	AH # 1 3 - 4ft	165 S1+	96	
390-7594-2	AH # 1 5 - 6ft	158 S1+	122	
390-7594-3	AH # 1 7 - 8ft	125	104	
390-7594-4	AH # 3 1ft	174 S1+	96	
390-7594-5	AH # 3 2ft	103	124	
390-7594-6	AH # 2 1 - 2ft	103	128	
390-7594-7	AH # 2 2 - 3ft	89	104	
390-7594-8	AH # 4 1ft	93	101	
390-7594-9	AH # 4 2ft	167 S1+	100	
390-7594-10	AH # 4 3ft	103	128	
390-7594-11	AH # 4 4ft	88	109	
390-7594-12	LAT EAST # 1 0 - 1'	91	110	
390-7594-13	LAT EAST # 2 0 - 1'	93	110	
390-7594-14	LAT SOUTH # 1 0 - 1'	97	106	
390-7594-15	LAT WEST # 1 0 - 1'	104	125	
390-7594-16	LAT WEST # 2 0 - 1'	94	110	
390-7595-A-1-E MS	Matrix Spike	93	128	
890-7595-A-1-F MSD	Matrix Spike Duplicate	90	127	
390-7597-A-8-C MS	Matrix Spike	99	100	
390-7597-A-8-D MSD	Matrix Spike Duplicate	100	101	
390-7599-A-1-D MS	Matrix Spike	101	100	
390-7599-A-1-E MSD	Matrix Spike Duplicate	105	99	
390-7605-A-13-B MS	Matrix Spike	96	100	
390-7605-A-13-C MSD	Matrix Spike Duplicate	97	101	
_CS 880-101104/1-A	Lab Control Sample	92	127	
_CS 880-101105/1-A	Lab Control Sample	98	99	
_CS 880-101248/1-A	Lab Control Sample	102	99	
_CS 880-101343/1-A	Lab Control Sample	95	100	
_CSD 880-101104/2-A	Lab Control Sample Dup	92	129	
_CSD 880-101105/2-A	Lab Control Sample Dup	100	100	
_CSD 880-101248/2-A	Lab Control Sample Dup	99	100	
_CSD 880-101343/2-A	Lab Control Sample Dup	109	98	
MB 880-101104/5-A	Method Blank	88	103	
MB 880-101105/5-A	Method Blank	99	93	
MB 880-101248/5-A	Method Blank	101	95	
*** 300 1012TU/0-17	motiod Didnik	101	30	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

Γ				Percent Surrogate Recovery (Acceptance Limits)
			1CO1	OTPH1
L	ab Sample ID	Client Sample ID	(70-130)	(70-130)
8	390-7594-1	AH # 1 3 - 4ft	245 S1+	293 S1+
8	390-7594-2	AH # 1 5 - 6ft	89	93
8	390-7594-3	AH # 1 7 - 8ft	83	83

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1

3

7

9

11

13

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 890-7594-1 Project/Site: HOLLY YOUNGER JUNCTION SDG: LOCO HILLS

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

Matrix: Solid Prep Type: Total/NA

			Pe
		1001	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-7594-4	AH # 3 1ft	77	82
890-7594-5	AH # 3 2ft	72	74
890-7594-6	AH # 2 1 - 2ft	72	73
890-7594-7	AH # 2 2 - 3ft	61 S1-	63 S1-
890-7594-8	AH # 4 1ft	74	72
890-7594-9	AH # 4 2ft	74	74
890-7594-10	AH # 4 3ft	75	71
890-7594-11	AH # 4 4ft	74	69 S1-
890-7594-12	LAT EAST # 1 0 - 1'	82	76
890-7594-13	LAT EAST # 2 0 - 1'	139 S1+	111
890-7594-14	LAT SOUTH # 1 0 - 1'	134 S1+	112
890-7594-15	LAT WEST # 1 0 - 1'	141 S1+	111
890-7594-16	LAT WEST # 2 0 - 1'	133 S1+	110
890-7595-A-1-B MS	Matrix Spike	86	83
890-7595-A-1-C MSD	Matrix Spike Duplicate	85	81
890-7597-A-4-B MS	Matrix Spike	72	68 S1-
890-7597-A-4-C MSD	Matrix Spike Duplicate	73	70
890-7597-A-10-B MS	Matrix Spike	73 77	91
	.	76	89
890-7597-A-10-C MSD	Matrix Spike Duplicate		
890-7597-A-16-B MS	Matrix Spike	134 S1+	139 S1+
890-7597-A-16-C MSD	Matrix Spike Duplicate	128	134 S1+
LCS 880-101079/2-A	Lab Control Sample	118	110
LCS 880-101080/2-A	Lab Control Sample	92	84
LCS 880-101081/2-A	Lab Control Sample	83	87
LCS 880-101082/2-A	Lab Control Sample	107	96
LCSD 880-101079/3-A	Lab Control Sample Dup	106	99
LCSD 880-101080/3-A	Lab Control Sample Dup	100	96
LCSD 880-101081/3-A	Lab Control Sample Dup	84	88
LCSD 880-101082/3-A	Lab Control Sample Dup	106	97
MB 880-101079/1-A	Method Blank	88	88
MB 880-101080/1-A	Method Blank	79	79
MB 880-101081/1-A	Method Blank	88	82
MB 880-101082/1-A	Method Blank	134 S1+	107

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-101104/5-A

Lab Sample ID: LCS 880-101104/1-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 101088

Analysis Batch: 101088

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101104

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/24/25 08:53	01/24/25 11:44	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/24/25 08:53	01/24/25 11:44	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/24/25 08:53	01/24/25 11:44	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/24/25 08:53	01/24/25 11:44	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/24/25 08:53	01/24/25 11:44	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/24/25 08:53	01/24/25 11:44	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88	70 - 130	01/24/25 08:53	01/24/25 11:44	1
1,4-Difluorobenzene (Surr)	103	70 - 130	01/24/25 08:53	01/24/25 11:44	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 101104

35

Prep Batch: 101104

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.09541 mg/Kg 95 70 - 130 Toluene 0.100 mg/Kg 85 70 - 130 0.08457 Ethylbenzene 0.100 0.09428 mg/Kg 94 70 - 130 0.200 97 m,p-Xylenes 0.1936 mg/Kg 70 - 130 o-Xylene 0.100 0.09476 70 - 130 mg/Kg

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	127		70 - 130

Client Sample ID: Lab Control Sample Dup

96

70 - 130

Client Sample ID: Matrix Spike

Analysis Batch: 101088

Matrix: Solid

Analyte

Benzene

Toluene

Ethylbenzene

m,p-Xylenes

o-Xylene

Lab Sample ID: LCSD 880-101104/2-A

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Unit %Rec Limits **RPD** Limit 0.100 0.09828 mg/Kg 98 70 - 130 3 35 0.100 0.08832 mg/Kg 88 70 - 130 35 0.100 0.09774 mg/Kg 98 70 - 130 35 0.200 0.1993 mg/Kg 100 70 - 130 35

mg/Kg

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	92	70 - 130
1,4-Difluorobenzene (Surr)	129	70 - 130

Lab Sample ID: 890-7595-A-1-E MS

Matrix: Solid

Analyte

Benzene

Toluene

Analysis Batch: 101088

									pe: Total/NA atch: 101104
Sample	Sample	Spike	MS	MS				%Rec	
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
<0.00200	U	0.100	0.09178		mg/Kg		92	70 - 130	
<0.00200	U	0.100	0.08112		mg/Kg		81	70 - 130	

Eurofins Carlsbad

0.100

0.09614

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

93

mg/Kg

70 - 130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

QC Sample Results

Client: TRC Solutions, Inc. Job ID: 890-7594-1 Project/Site: HOLLY YOUNGER JUNCTION SDG: LOCO HILLS

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

Lab Sample ID: 890-7595-A-1-E MS

Analysis Batch: 101088

Matrix: Solid

Analysis Batch: 101088									Prep Batch: 101104
	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Ethylbenzene	<0.00200	U	0.100	0.09003		mg/Kg		90	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1837		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.100	0.08953		mg/Kg		90	70 - 130

MS MS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 93 70 - 130 1,4-Difluorobenzene (Surr) 70 - 130 128

Lab Sample ID: 890-7595-A-1-F MSD

Matrix: Solid Analysis Batch: 101088									Prep Ty Prep Ba	-	
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09417		mg/Kg		94	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08382		mg/Kg		84	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.09290		mg/Kg		93	70 - 130	3	35
m,p-Xylenes	< 0.00399	U	0.200	0.1902		mg/Kg		95	70 - 130	4	35

0.09258

0.100

MSD MSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 90 70 - 130 1,4-Difluorobenzene (Surr) 127 70 - 130

<0.00200 U

Lab Sample ID: MB 880-101105/5-A

M

o-Xylene

ab Sample ID: MB 880-101105/5-A					C	lient Samp	le ID: Method	Blank
Matrix: Solid							Prep Type: To	otal/NA
Analysis Batch: 101085							Prep Batch:	101105
-	MB	MB						
mulation Bu	14	O I'C'	D.	1114	_	D	A II	D11 E

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/24/25 09:01	01/24/25 11:32	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/24/25 09:01	01/24/25 11:32	1
Ethylbenzene	< 0.00200	U	0.00200	mg/Kg		01/24/25 09:01	01/24/25 11:32	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/24/25 09:01	01/24/25 11:32	1
o-Xylene	< 0.00200	U	0.00200	mg/Kg		01/24/25 09:01	01/24/25 11:32	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/24/25 09:01	01/24/25 11:32	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/24/25 09:01	01/24/25 11:32	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/24/25 09:01	01/24/25 11:32	1

Lab Sample ID: LCS 880-101105/1-A

Matrix: Solid Analysis Batch: 101085							Prep Type: Total/NA Prep Batch: 101105
	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	0.100	0.09001		mg/Kg		90	70 - 130
Toluene	0.100	0.09254		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09533		mg/Kg		95	70 - 130
m,p-Xylenes	0.200	0.1782		mg/Kg		89	70 - 130

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

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

Lab Sample ID: LCS 880-101105/1-A

Lab Sample ID: LCSD 880-101105/2-A

Matrix: Solid

Analyte

o-Xylene

Analysis Batch: 101085

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 101105**

LCS LCS %Rec Spike Added Result Qualifier Unit %Rec Limits

0 100 0.09116 mg/Kg 91 70 - 130

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 98 70 - 130 1,4-Difluorobenzene (Surr) 99 70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Matrix: Solid Prep Batch: 101105 Analysis Batch: 101085 Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Limits **RPD** Limit **Analyte** Unit D %Rec 0.100 0.09352 mg/Kg 94 70 - 130 4 35

Benzene Toluene 0.100 0.09546 mg/Kg 95 70 - 130 3 35 Ethylbenzene 0.100 0.09895 99 70 - 130 35 mg/Kg 4 93 70 - 130 35 m,p-Xylenes 0.200 0.1866 mg/Kg o-Xylene 0.100 0.09441 mg/Kg 94 70 - 130 35

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

Lab Sample ID: 890-7597-A-8-C MS **Client Sample ID: Matrix Spike**

Matrix: Solid

Analysis Batch: 101085

Prep Type: Total/NA Prep Batch: 101105

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier D %Rec **Analyte** Unit Limits 0.06900 F1 Benzene <0.00200 UF1 0.100 mg/Kg 69 70 - 130 Toluene <0.00200 UF1 0.100 0.06676 F1 mg/Kg 67 70 - 130 0.06438 F1 Ethylbenzene <0.00200 UF2F1 0.100 mg/Kg 64 70 - 130m,p-Xylenes <0.00399 U F2 F1 0.200 0.1187 F1 mg/Kg 59 70 - 130 70 - 130 o-Xylene <0.00200 UF1 0.100 0.06025 F1 mg/Kg 60

MS MS %Recovery Surrogate Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 99 1,4-Difluorobenzene (Surr) 70 - 130 100

Lab Sample ID: 890-7597-A-8-D MSD

Matrix: Solid

Analysis Batch: 101085

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA Prep Batch: 101105

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Limits RPD Limit **Analyte** Unit %Rec 0.05443 F1 Benzene <0.00200 UF1 0.100 mg/Kg 54 70 - 130 24 35 Toluene <0.00200 UF1 0.100 0.04923 F1 49 70 - 130 30 35 mg/Kg Ethylbenzene <0.00200 U F2 F1 0.100 0.04396 F2 F1 mg/Kg 44 70 - 130 38 35 <0.00399 U F2 F1 0.200 0.07971 F2 F1 40 70 - 130 39 35 m,p-Xylenes mg/Kg <0.00200 UF1 0.04654 F1 o-Xylene 0.100 mg/Kg 47 70 - 130 26 35

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Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

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

Lab Sample ID: 890-7597-A-8-D MSD

Matrix: Solid

Analysis Batch: 101085

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101105

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-101248/5-A **Client Sample ID: Method Blank**

Matrix: Solid

Analysis Batch: 101242

Prep Type: Total/NA

Prep Batch: 101248

MB MB Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Benzene <0.00200 U 0.00200 mg/Kg 01/27/25 08:36 01/27/25 11:21 01/27/25 08:36 01/27/25 11:21 Toluene <0.00200 U 0.00200 mg/Kg Ethylbenzene <0.00200 U 0.00200 mg/Kg 01/27/25 08:36 01/27/25 11:21 m,p-Xylenes <0.00400 U 0.00400 mg/Kg o-Xylene <0.00200 U 0.00200 mg/Kg 01/27/25 08:36 01/27/25 11:21 <0.00400 U Xylenes, Total 0.00400 mg/Kg

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/27/25 08:36	01/27/25 11:21	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/27/25 08:36	01/27/25 11:21	1

Lab Sample ID: LCS 880-101248/1-A

Matrix: Solid

Analysis Batch: 101242

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101248

_	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08463		mg/Kg		85	70 - 130	
Toluene	0.100	0.08720		mg/Kg		87	70 - 130	
Ethylbenzene	0.100	0.09055		mg/Kg		91	70 - 130	
m,p-Xylenes	0.200	0.1707		mg/Kg		85	70 - 130	
o-Xylene	0.100	0.08683		mg/Kg		87	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-101248/2-A

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Matrix: Solid

Analysis Batch: 101242

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA **Prep Batch: 101248**

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08861		mg/Kg		89	70 - 130	5	35
Toluene	0.100	0.09188		mg/Kg		92	70 - 130	5	35
Ethylbenzene	0.100	0.09454		mg/Kg		95	70 - 130	4	35
m,p-Xylenes	0.200	0.1780		mg/Kg		89	70 - 130	4	35
o-Xylene	0.100	0.09050		mg/Kg		90	70 - 130	4	35

LCSD LCSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 99 70 - 130

Lab Sample ID: LCSD 880-101248/2-A

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1 SDG: LOCO HILLS

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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101248

LCSD LCSD

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

Lab Sample ID: 890-7599-A-1-D MS **Client Sample ID: Matrix Spike**

Matrix: Solid

Matrix: Solid

Analysis Batch: 101242

Analysis Batch: 101242

Prep Type: Total/NA

Prep Batch: 101248

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.07901		mg/Kg		79	70 - 130	
Toluene	<0.00200	U	0.100	0.08141		mg/Kg		81	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.08441		mg/Kg		84	70 - 130	
m,p-Xylenes	<0.00399	U	0.200	0.1588		mg/Kg		79	70 - 130	
o-Xylene	<0.00200	U	0.100	0.08083		mg/Kg		81	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1.4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7599-A-1-E MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 101242

Prep Type: Total/NA

Prep Batch: 101248

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.08223		mg/Kg		82	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.08458		mg/Kg		85	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.08706		mg/Kg		87	70 - 130	3	35
m,p-Xylenes	<0.00399	U	0.200	0.1635		mg/Kg		82	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.08339		mg/Kg		83	70 - 130	3	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1.4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-101343/5-A

Matrix: Solid

Analysis Batch: 101240

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

Prep Batch: 101343

	МВ	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/28/25 08:15	01/28/25 11:15	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/28/25 08:15	01/28/25 11:15	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/28/25 08:15	01/28/25 11:15	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/28/25 08:15	01/28/25 11:15	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/28/25 08:15	01/28/25 11:15	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/28/25 08:15	01/28/25 11:15	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/28/25 08:15 01/28/25 11:15	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/28/25 08:15 01/28/25 11:15	1

QC Sample Results

Client: TRC Solutions, Inc. Job ID: 890-7594-1 Project/Site: HOLLY YOUNGER JUNCTION SDG: LOCO HILLS

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

Lab Sample ID: LCS 880-101343/1-A

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 101343

Spike LCS LCS %Rec Added Result Qualifier Unit D %Rec Limits **Analyte** Benzene 0.100 0.09541 mg/Kg 95 70 - 130 Toluene 0.100 0.1022 mg/Kg 102 70 - 130 Ethylbenzene 0.100 0.1057 mg/Kg 106 70 - 130 0.200 0.1897 mg/Kg 70 - 130 m,p-Xylenes 95 0.100 o-Xylene 0.1066 70 - 130

107 mg/Kg

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 70 - 130 95 1,4-Difluorobenzene (Surr) 100 70 - 130

Lab Sample ID: LCSD 880-101343/2-A

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101343

Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 35 Benzene 0.100 0.09888 mg/Kg 99 70 - 130 4 Toluene 0.100 0.1068 mg/Kg 107 70 - 130 35 Ethylbenzene 0.100 0.1085 mg/Kg 70 - 130 108 3 35 0.200 0.1958 70 - 130 35 m,p-Xylenes mg/Kg 98 3 0.100 o-Xylene 0.1097 mg/Kg 110 70 - 130 35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1.4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-7605-A-13-B MS

Matrix: Solid

Analysis Batch: 101240

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

Prep Batch: 101343

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.09483		mg/Kg		95	70 - 130	
Toluene	<0.00200	U	0.100	0.09875		mg/Kg		99	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.09901		mg/Kg		99	70 - 130	
m,p-Xylenes	<0.00399	U	0.200	0.1764		mg/Kg		88	70 - 130	
o-Xylene	<0.00200	U	0.100	0.09740		mg/Kg		97	70 - 130	

MS MS

Surrogate	%Recovery Qual	lifier Limits
4-Bromofluorobenzene (Surr)	96	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: 890-7605-A-13-C MSD

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101343

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09940		mg/Kg		99	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.1031		mg/Kg		103	70 - 130	4	35
Ethylbenzene	< 0.00200	U	0.100	0.1040		mg/Kg		104	70 - 130	5	35

Spike

Added

MSD MSD

mg/Kg

mg/Kg

Client: TRC Solutions, Inc.

Analyte

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

4

6

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

Lab Sample ID: 890-7605-A-13-C MSD

Sample Sample

Result Qualifier

Matrix: Solid Analysis Batch: 101240

Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA **Prep Batch: 101343** %Rec **RPD** Result Qualifier Unit %Rec Limits **RPD** Limit

92

104

m,p-Xylenes <0.00399 Ū 0.200 0 1838 o-Xylene <0.00200 U 0.100 0.1039 MSD MSD %Recovery Qualifier Limits Surrogate

4-Bromofluorobenzene (Surr) 97 70 - 130 101 70 - 130 1,4-Difluorobenzene (Surr)

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

Lab Sample ID: MB 880-101079/1-A

Matrix: Solid Analysis Batch: 101107

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

70 - 130

70 - 130

Prep Batch: 101079

MB MB Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 mg/Kg 01/24/25 08:11 01/24/25 01:07 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 01/24/25 08:11 01/24/25 01:07 C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 01/24/25 08:11 01/24/25 01:07

MB MB Surrogate Qualifier Limits Prepared Dil Fac %Recovery Analyzed 1-Chlorooctane (Surr) 88 70 - 130 01/24/25 08:11 01/24/25 01:07 o-Terphenyl (Surr) 70 - 130 01/24/25 08:11 01/24/25 01:07 88

Lab Sample ID: LCS 880-101079/2-A

Matrix: Solid

Analysis Batch: 101107

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 101079

Spike LCS LCS %Rec Added Result Qualifier Limits Analyte Unit D %Rec Gasoline Range Organics 1000 848.3 mg/Kg 85 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1033 mg/Kg 103 70 - 130

C10-C28)

LCS LCS

%Recovery Qualifier Limits Surrogate 1-Chlorooctane (Surr) 70 - 130 118 o-Terphenyl (Surr) 110 70 - 130

Lab Sample ID: LCSD 880-101079/3-A

Matrix: Solid

Analysis Batch: 101107

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA **Prep Batch: 101079**

LCSD LCSD %Rec **RPD** Spike Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Gasoline Range Organics 1000 742.5 mg/Kg 74 70 - 130 13 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 939.7 70 - 130 20 mg/Kg 94

C10-C28)

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35

35

Analysis Batch: 101107

Project/Site: HOLLY YOUNGER JUNCTION

Lab Sample ID: LCSD 880-101079/3-A

Job ID: 890-7594-1 SDG: LOCO HILLS

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

Client Sample ID: Lab Control Sample Dup

Prep Batch: 101079

Prep Type: Total/NA

LCSD LCSD %Recovery Qualifier

Limits Surrogate 1-Chlorooctane (Surr) 106 70 - 130 o-Terphenyl (Surr) 99 70 - 130

Lab Sample ID: 890-7595-A-1-B MS **Client Sample ID: Matrix Spike**

Matrix: Solid

Matrix: Solid

Analysis Batch: 101107

Prep Type: Total/NA

Prep Batch: 101079

%Rec

MS MS Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Gasoline Range Organics <49.7 U 999 782.5 78 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.7 U 999 855.5 mg/Kg 84 70 - 130 C10-C28)

MS MS

Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 86 70 - 130 70 - 130 o-Terphenyl (Surr) 83

Lab Sample ID: 890-7595-A-1-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 101107

Prep Type: Total/NA

Prep Batch: 101079

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Limits **RPD** Limit Analyte Unit D %Rec <49.7 U Gasoline Range Organics 999 808.0 mg/Kg 81 70 - 130 3 20 (GRO)-C6-C10 999 Diesel Range Organics (Over <49.7 U 793.1 mg/Kg 78 70 - 130 20

C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 70 - 130 85 o-Terphenyl (Surr) 81 70 - 130

Lab Sample ID: MB 880-101080/1-A **Client Sample ID: Method Blank**

Matrix: Solid

Analysis Batch: 101108

Prep Type: Total/NA

Prep Batch: 101080

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/24/25 08:16	01/24/25 01:07	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/24/25 08:16	01/24/25 01:07	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/24/25 08:16	01/24/25 01:07	1	
	MD	MD							

MB MB

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyze	ed Dil Fac
1-Chlorooctane (Surr)	79		70 - 130	01/24/25 08:16 01/24/25 0	1:07 1
o-Terphenyl (Surr)	79		70 - 130	01/24/25 08:16 01/24/25 0	1:07 1

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

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

Lab Sample ID: LCS 880-101080/2-A

Matrix: Solid

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101080 **Analysis Batch: 101108** Spike LCS LCS %Rec

Added Result Qualifier Limits Analyte Unit D %Rec Gasoline Range Organics 1000 766.8 mg/Kg 77 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 1000 773.9 mg/Kg 77 70 - 130

C10-C28)

LCS LCS Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane (Surr) 92 70 - 130 o-Terphenyl (Surr) 84

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 101108

Lab Sample ID: LCSD 880-101080/3-A

Prep Type: Total/NA

Prep Batch: 101080

LCSD LCSD Spike %Rec **RPD** Added Result Qualifier Limits **RPD** Limit Analyte Unit D %Rec Gasoline Range Organics 1000 86 70 - 130 20 857.2 mg/Kg 11 (GRO)-C6-C10 Diesel Range Organics (Over 1000 834.5 mg/Kg 83 70 - 130 8 20

C10-C28)

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 100 70 - 130 o-Terphenyl (Surr) 96 70 - 130

Lab Sample ID: 890-7597-A-4-B MS **Client Sample ID: Matrix Spike**

Matrix: Solid

Analysis Batch: 101108

Prep Type: Total/NA

Prep Batch: 101080 %Rec

Spike MS MS Sample Sample Result Qualifier Added Result Qualifier Unit %Rec Limits Analyte <49.9 U F1 999 663.5 F1 70 - 130 Gasoline Range Organics 66 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 82.0 999 791.5 71 70 - 130 mg/Kg C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 72 70 - 130 68 S1-70 - 130 o-Terphenyl (Surr)

Lab Sample ID: 890-7597-A-4-C MSD

Matrix: Solid

Analysis Batch: 101108

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA Prep Batch: 101080

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec <49.9 U F1 Gasoline Range Organics 999 727.1 mg/Kg 73 70 - 1309 20 (GRO)-C6-C10 82.0 999 866 1 mg/Kg 78 70 - 130 20 Diesel Range Organics (Over

C10-C28)

MSD MSD %Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane (Surr) 73

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

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

Lab Sample ID: 890-7597-A-4-C MSD

Lab Sample ID: MB 880-101081/1-A

Matrix: Solid

Analysis Batch: 101108

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101080

MSD MSD

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

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101081

Prep Type: Total/NA **Prep Batch: 101081**

Matrix: Solid

Analysis Batch: 101110

	MR	MR						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	Ū	50.0	mg/Kg		01/24/25 08:19	01/24/25 01:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/24/25 08:19	01/24/25 01:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/24/25 08:19	01/24/25 01:51	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130	01/24/25 08:19	01/24/25 01:51	1
o-Terphenyl (Surr)	82		70 - 130	01/24/25 08:19	01/24/25 01:51	1

Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 101110

Lab Sample ID: LCS 880-101081/2-A

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	752.3		mg/Kg		75	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	762.5		mg/Kg		76	70 - 130	

C10-C28)

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 83 70 - 130 o-Terphenyl (Surr) 87 70 - 130

Lab Sample ID: LCSD 880-101081/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Total/NA**

Matrix: Solid

Analysis Batch: 101110							Prep Ba	tch: 10	01081	
	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	762.9		mg/Kg		76	70 - 130	1	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	769.2		ma/Ka		77	70 - 130	1	20	

C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	88		70 - 130

Spike

Added

996

996

MS MS

731.2

1652

Result Qualifier

Unit

mg/Kg

mg/Kg

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

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

Lab Sample ID: 890-7597-A-10-B MS

Matrix: Solid

Analysis Batch: 101110

Gasoline Range Organics

Diesel Range Organics (Over

Client Sample ID: Matrix Spike

70 - 130

Prep Type: Total/NA **Prep Batch: 101081**

		%Rec	
D	%Rec	Limits	
_	73	70 - 130	

C10-C28)

(GRO)-C6-C10

Analyte

MS MS

Sample Sample

<50.0 U

862

Result Qualifier

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane (Surr)	77	70 - 130
o-Terphenyl (Surr)	91	70 - 130

Client Sample ID: Matrix Spike Duplicate

79

Prep Type: Total/NA

Prep Batch: 101081

Lab Sample ID: 890-7597-A-10-C MSD **Matrix: Solid Analysis Batch: 101110**

%Rec Sample Sample Spike MSD MSD **RPD** Analyte Result Qualifier Added Result Qualifier D %Rec Limits RPD Limit Unit Gasoline Range Organics <50.0 U 996 722.0 72 70 - 130 1 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 862 996 1601 mg/Kg 74 70 - 130 3 20

C10-C28)

MSD MSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane (Surr)	76	70 - 130
o-Terphenyl (Surr)	89	70 - 130

Lab Sample ID: MB 880-101082/1-A **Client Sample ID: Method Blank**

Matrix: Solid Analysis Batch: 101112

Prep Type: Total/NA Prep Batch: 101082 MB MB

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg	_	01/24/25 08:21	01/24/25 01:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/24/25 08:21	01/24/25 01:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/24/25 08:21	01/24/25 01:51	1

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane (Surr) 134 S1+ 70 - 130 01/24/25 08:21 01/24/25 01:51 o-Terphenyl (Surr) 107 70 - 130 01/24/25 08:21 01/24/25 01:51

Lab Sample ID: LCS 880-101082/2-A

Matrix: Solid

Analysis Batch: 101112

Cheffi Sample ID. Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101082
%Rec

Client Sample ID: Lab Control Sample

	S	pike LC	S LCS			%Rec	
Analyte	Ad	ded Resu	It Qualifier	Unit	D %Rec	Limits	
Gasoline Range Organics		000 995.	4	mg/Kg	100	70 - 130	
(GRO)-C6-C10							
Diesel Range Organics (Over	1	000 886.	5	mg/Kg	89	70 - 130	
C10-C28)							

Job ID: 890-7594-1 Project/Site: HOLLY YOUNGER JUNCTION SDG: LOCO HILLS

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

Lab Sample ID: LCS 880-101082/2-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 101112

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101082

LCS LCS

%Recovery Qualifier Limits Surrogate 1-Chlorooctane (Surr) 107 70 - 130 o-Terphenyl (Surr) 96 70 - 130

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 880-101082/3-A

Analysis Batch: 101112

Prep Type: Total/NA

Prep Batch: 101082

LCSD LCSD RPD %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 957.3 mg/Kg 96 70 - 130 4 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 896.6 mg/Kg 90 70 - 130 20 C10-C28)

LCSD LCSD

Surrogate %Recovery Qualifier Limits 106 70 - 130 1-Chlorooctane (Surr) 70 - 130 o-Terphenyl (Surr) 97

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 101112

Lab Sample ID: 890-7597-A-16-B MS

Prep Batch: 101082

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits **Analyte** Unit D %Rec <50.0 U Gasoline Range Organics 997 1217 mg/Kg 120 70 - 130 (GRO)-C6-C10 997 Diesel Range Organics (Over 1720 2549 mg/Kg 83 70 - 130

C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 134 S1+ 70 - 130 139 S1+ o-Terphenyl (Surr) 70 - 130

Lab Sample ID: 890-7597-A-16-C MSD

Analysis Batch: 101112

Matrix: Solid

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

Prep Batch: 101082

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier RPD Added Result Qualifier Limits Limit **Analyte** Unit %Rec Gasoline Range Organics <50.0 U 997 1180 117 70 - 130 3 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1720 997 2479 mg/Kg 76 70 - 130 3 20

C10-C28)

MSD MSD Qualifier Limits Surrogate %Recovery 1-Chlorooctane (Surr) 128 70 - 130 o-Terphenyl (Surr) 134 S1+ 70 - 130

QC Sample Results

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-101118/1-A

Lab Sample ID: LCS 880-101118/2-A

Client Sample ID: Method Blank

Prep Type: Soluble

Analysis Batch: 101148

Matrix: Solid

Matrix: Solid

MB MB

Analyte Result Qualifier RL Unit Analyzed Dil Fac D Prepared 10.0 01/24/25 18:20 Chloride <10.0 U mg/Kg

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analysis Batch: 101148

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits 250 90 - 110 Chloride 257.1 mg/Kg 103

Lab Sample ID: LCSD 880-101118/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Soluble

Analysis Batch: 101148

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Limits **RPD** Limit **Analyte** Unit %Rec Chloride 250 257.6 103 90 - 110 mg/Kg

Lab Sample ID: 890-7594-7 MS Client Sample ID: AH # 2 2 - 3ft **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 101148

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 251 284.3 25.1 mg/Kg 103 90 - 110

Lab Sample ID: 890-7594-7 MSD Client Sample ID: AH # 2 2 - 3ft **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 101148

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Limits Result Qualifier Unit %Rec **RPD** Limit Chloride 25.1 251 284.6 103 20 mg/Kg 90 - 110 0

QC Association Summary

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

GC VOA

Analysis Batch: 101085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-1	AH # 1 3 - 4ft	Total/NA	Solid	8021B	101105
MB 880-101105/5-A	Method Blank	Total/NA	Solid	8021B	101105
LCS 880-101105/1-A	Lab Control Sample	Total/NA	Solid	8021B	101105
LCSD 880-101105/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101105
890-7597-A-8-C MS	Matrix Spike	Total/NA	Solid	8021B	101105
890-7597-A-8-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	101105

Analysis Batch: 101088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-2	AH # 1 5 - 6ft	Total/NA	Solid	8021B	101104
890-7594-5	AH # 3 2ft	Total/NA	Solid	8021B	101104
890-7594-6	AH # 2 1 - 2ft	Total/NA	Solid	8021B	101104
890-7594-7	AH # 2 2 - 3ft	Total/NA	Solid	8021B	101104
890-7594-8	AH # 4 1ft	Total/NA	Solid	8021B	101104
890-7594-10	AH # 4 3ft	Total/NA	Solid	8021B	101104
890-7594-11	AH # 4 4ft	Total/NA	Solid	8021B	101104
890-7594-12	LAT EAST # 1 0 - 1'	Total/NA	Solid	8021B	101104
890-7594-13	LAT EAST # 2 0 - 1'	Total/NA	Solid	8021B	101104
890-7594-14	LAT SOUTH # 1 0 - 1'	Total/NA	Solid	8021B	101104
890-7594-15	LAT WEST # 1 0 - 1'	Total/NA	Solid	8021B	101104
890-7594-16	LAT WEST # 2 0 - 1'	Total/NA	Solid	8021B	101104
MB 880-101104/5-A	Method Blank	Total/NA	Solid	8021B	101104
LCS 880-101104/1-A	Lab Control Sample	Total/NA	Solid	8021B	101104
LCSD 880-101104/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101104
890-7595-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	101104
890-7595-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	101104

Prep Batch: 101104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-2	AH # 1 5 - 6ft	Total/NA	Solid	5035	
890-7594-5	AH # 3 2ft	Total/NA	Solid	5035	
890-7594-6	AH # 2 1 - 2ft	Total/NA	Solid	5035	
890-7594-7	AH # 2 2 - 3ft	Total/NA	Solid	5035	
890-7594-8	AH # 4 1ft	Total/NA	Solid	5035	
890-7594-10	AH # 4 3ft	Total/NA	Solid	5035	
890-7594-11	AH # 4 4ft	Total/NA	Solid	5035	
890-7594-12	LAT EAST # 1 0 - 1'	Total/NA	Solid	5035	
890-7594-13	LAT EAST # 2 0 - 1'	Total/NA	Solid	5035	
890-7594-14	LAT SOUTH # 1 0 - 1'	Total/NA	Solid	5035	
890-7594-15	LAT WEST # 1 0 - 1'	Total/NA	Solid	5035	
890-7594-16	LAT WEST # 2 0 - 1'	Total/NA	Solid	5035	
MB 880-101104/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101104/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101104/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7595-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-7595-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 101105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-1	AH # 1 3 - 4ft	Total/NA	Solid	5035	
MB 880-101105/5-A	Method Blank	Total/NA	Solid	5035	

QC Association Summary

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1 SDG: LOCO HILLS

GC VOA (Continued)

Prep Batch: 101105 (Continued)

Lab Sample ID	Client Sample ID	Prep Type Total/NA	Matrix	Method	Prep Batch
LCS 880-101105/1-A	Lab Control Sample	Iotal/NA	Solid	5035	
LCSD 880-101105/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7597-A-8-C MS	Matrix Spike	Total/NA	Solid	5035	
890-7597-A-8-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 101177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-1	AH # 1 3 - 4ft	Total/NA	Solid	Total BTEX	
890-7594-2	AH # 1 5 - 6ft	Total/NA	Solid	Total BTEX	
890-7594-3	AH # 1 7 - 8ft	Total/NA	Solid	Total BTEX	
890-7594-4	AH # 3 1ft	Total/NA	Solid	Total BTEX	
890-7594-5	AH # 3 2ft	Total/NA	Solid	Total BTEX	
890-7594-6	AH # 2 1 - 2ft	Total/NA	Solid	Total BTEX	
890-7594-7	AH # 2 2 - 3ft	Total/NA	Solid	Total BTEX	
890-7594-8	AH # 4 1ft	Total/NA	Solid	Total BTEX	
890-7594-9	AH # 4 2ft	Total/NA	Solid	Total BTEX	
890-7594-10	AH # 4 3ft	Total/NA	Solid	Total BTEX	
890-7594-11	AH # 4 4ft	Total/NA	Solid	Total BTEX	
890-7594-12	LAT EAST # 1 0 - 1'	Total/NA	Solid	Total BTEX	
890-7594-13	LAT EAST # 2 0 - 1'	Total/NA	Solid	Total BTEX	
890-7594-14	LAT SOUTH # 1 0 - 1'	Total/NA	Solid	Total BTEX	
890-7594-15	LAT WEST # 1 0 - 1'	Total/NA	Solid	Total BTEX	
890-7594-16	LAT WEST # 2 0 - 1'	Total/NA	Solid	Total BTEX	

Analysis Batch: 101240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-3	AH # 1 7 - 8ft	Total/NA	Solid	8021B	101343
MB 880-101343/5-A	Method Blank	Total/NA	Solid	8021B	101343
LCS 880-101343/1-A	Lab Control Sample	Total/NA	Solid	8021B	101343
LCSD 880-101343/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101343
890-7605-A-13-B MS	Matrix Spike	Total/NA	Solid	8021B	101343
890-7605-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	101343

Analysis Batch: 101242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-1	AH # 1 3 - 4ft	Total/NA	Solid	8021B	101248
890-7594-4	AH # 3 1ft	Total/NA	Solid	8021B	101248
890-7594-9	AH # 4 2ft	Total/NA	Solid	8021B	101248
MB 880-101248/5-A	Method Blank	Total/NA	Solid	8021B	101248
LCS 880-101248/1-A	Lab Control Sample	Total/NA	Solid	8021B	101248
LCSD 880-101248/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101248
890-7599-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	101248
890-7599-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	101248

Prep Batch: 101248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-1	AH # 1 3 - 4ft	Total/NA	Solid	5035	
890-7594-4	AH # 3 1ft	Total/NA	Solid	5035	
890-7594-9	AH # 4 2ft	Total/NA	Solid	5035	
MB 880-101248/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101248/1-A	Lab Control Sample	Total/NA	Solid	5035	

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1 SDG: LOCO HILLS

GC VOA (Continued)

Prep Batch: 101248 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-101248/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7599-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-7599-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 101343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-3	AH # 1 7 - 8ft	Total/NA	Solid	5035	<u> </u>
MB 880-101343/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101343/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101343/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7605-A-13-B MS	Matrix Spike	Total/NA	Solid	5035	
890-7605-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 101079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-1	AH # 1 3 - 4ft	Total/NA	Solid	8015NM Prep	
890-7594-2	AH # 1 5 - 6ft	Total/NA	Solid	8015NM Prep	
890-7594-3	AH # 1 7 - 8ft	Total/NA	Solid	8015NM Prep	
890-7594-4	AH # 3 1ft	Total/NA	Solid	8015NM Prep	
MB 880-101079/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101079/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101079/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7595-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7595-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 101080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-5	AH # 3 2ft	Total/NA	Solid	8015NM Prep	
890-7594-6	AH # 2 1 - 2ft	Total/NA	Solid	8015NM Prep	
890-7594-7	AH # 2 2 - 3ft	Total/NA	Solid	8015NM Prep	
890-7594-8	AH # 4 1ft	Total/NA	Solid	8015NM Prep	
MB 880-101080/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101080/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7597-A-4-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7597-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 101081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-9	AH # 4 2ft	Total/NA	Solid	8015NM Prep	
890-7594-10	AH # 4 3ft	Total/NA	Solid	8015NM Prep	
890-7594-11	AH # 4 4ft	Total/NA	Solid	8015NM Prep	
890-7594-12	LAT EAST # 1 0 - 1'	Total/NA	Solid	8015NM Prep	
MB 880-101081/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101081/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101081/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7597-A-10-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7597-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

GC Semi VOA

Prep Batch: 101082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-13	LAT EAST # 2 0 - 1'	Total/NA	Solid	8015NM Prep	
890-7594-14	LAT SOUTH # 1 0 - 1'	Total/NA	Solid	8015NM Prep	
890-7594-15	LAT WEST # 1 0 - 1'	Total/NA	Solid	8015NM Prep	
890-7594-16	LAT WEST # 2 0 - 1'	Total/NA	Solid	8015NM Prep	
MB 880-101082/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101082/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101082/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7597-A-16-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7597-A-16-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 101107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-1	AH # 1 3 - 4ft	Total/NA	Solid	8015B NM	101079
890-7594-2	AH # 1 5 - 6ft	Total/NA	Solid	8015B NM	101079
890-7594-3	AH # 1 7 - 8ft	Total/NA	Solid	8015B NM	101079
890-7594-4	AH # 3 1ft	Total/NA	Solid	8015B NM	101079
MB 880-101079/1-A	Method Blank	Total/NA	Solid	8015B NM	101079
LCS 880-101079/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101079
LCSD 880-101079/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101079
890-7595-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	101079
890-7595-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101079

Analysis Batch: 101108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-5	AH # 3 2ft	Total/NA	Solid	8015B NM	101080
890-7594-6	AH # 2 1 - 2ft	Total/NA	Solid	8015B NM	101080
890-7594-7	AH # 2 2 - 3ft	Total/NA	Solid	8015B NM	101080
890-7594-8	AH # 4 1ft	Total/NA	Solid	8015B NM	101080
MB 880-101080/1-A	Method Blank	Total/NA	Solid	8015B NM	101080
LCS 880-101080/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101080
LCSD 880-101080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101080
890-7597-A-4-B MS	Matrix Spike	Total/NA	Solid	8015B NM	101080
890-7597-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101080

Analysis Batch: 101110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-9	AH # 4 2ft	Total/NA	Solid	8015B NM	101081
890-7594-10	AH # 4 3ft	Total/NA	Solid	8015B NM	101081
890-7594-11	AH # 4 4ft	Total/NA	Solid	8015B NM	101081
890-7594-12	LAT EAST # 1 0 - 1'	Total/NA	Solid	8015B NM	101081
MB 880-101081/1-A	Method Blank	Total/NA	Solid	8015B NM	101081
LCS 880-101081/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101081
LCSD 880-101081/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101081
890-7597-A-10-B MS	Matrix Spike	Total/NA	Solid	8015B NM	101081
890-7597-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101081

Analysis Batch: 101112

Lab Sample ID 890-7594-13	Client Sample ID LAT EAST # 2 0 - 1'	Prep Type Total/NA	Matrix Solid	Method 8015B NM	Prep Batch 101082
890-7594-14	LAT SOUTH # 1 0 - 1'	Total/NA	Solid	8015B NM	101082
890-7594-15	LAT WEST # 1 0 - 1'	Total/NA	Solid	8015B NM	101082

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

GC Semi VOA (Continued)

Analysis Batch: 101112 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-16	LAT WEST # 2 0 - 1'	Total/NA	Solid	8015B NM	101082
MB 880-101082/1-A	Method Blank	Total/NA	Solid	8015B NM	101082
LCS 880-101082/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101082
LCSD 880-101082/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101082
890-7597-A-16-B MS	Matrix Spike	Total/NA	Solid	8015B NM	101082
890-7597-A-16-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101082

Analysis Batch: 101168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-1	AH # 1 3 - 4ft	Total/NA	Solid	8015 NM	
890-7594-2	AH # 1 5 - 6ft	Total/NA	Solid	8015 NM	
890-7594-3	AH # 1 7 - 8ft	Total/NA	Solid	8015 NM	
890-7594-4	AH # 3 1ft	Total/NA	Solid	8015 NM	
890-7594-5	AH # 3 2ft	Total/NA	Solid	8015 NM	
890-7594-6	AH # 2 1 - 2ft	Total/NA	Solid	8015 NM	
890-7594-7	AH # 2 2 - 3ft	Total/NA	Solid	8015 NM	
890-7594-8	AH # 4 1ft	Total/NA	Solid	8015 NM	
890-7594-9	AH # 4 2ft	Total/NA	Solid	8015 NM	
890-7594-10	AH # 4 3ft	Total/NA	Solid	8015 NM	
890-7594-11	AH # 4 4ft	Total/NA	Solid	8015 NM	
890-7594-12	LAT EAST # 1 0 - 1'	Total/NA	Solid	8015 NM	
890-7594-13	LAT EAST # 2 0 - 1'	Total/NA	Solid	8015 NM	
890-7594-14	LAT SOUTH # 1 0 - 1'	Total/NA	Solid	8015 NM	
890-7594-15	LAT WEST # 1 0 - 1'	Total/NA	Solid	8015 NM	
890-7594-16	LAT WEST # 2 0 - 1'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 101118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-1	AH # 1 3 - 4ft	Soluble	Solid	DI Leach	
890-7594-2	AH # 1 5 - 6ft	Soluble	Solid	DI Leach	
890-7594-3	AH # 1 7 - 8ft	Soluble	Solid	DI Leach	
890-7594-4	AH # 3 1ft	Soluble	Solid	DI Leach	
890-7594-5	AH # 3 2ft	Soluble	Solid	DI Leach	
890-7594-6	AH # 2 1 - 2ft	Soluble	Solid	DI Leach	
890-7594-7	AH # 2 2 - 3ft	Soluble	Solid	DI Leach	
390-7594-8	AH # 4 1ft	Soluble	Solid	DI Leach	
390-7594-9	AH # 4 2ft	Soluble	Solid	DI Leach	
390-7594-10	AH # 4 3ft	Soluble	Solid	DI Leach	
390-7594-11	AH # 4 4ft	Soluble	Solid	DI Leach	
390-7594-12	LAT EAST # 1 0 - 1'	Soluble	Solid	DI Leach	
390-7594-13	LAT EAST # 2 0 - 1'	Soluble	Solid	DI Leach	
390-7594-14	LAT SOUTH # 1 0 - 1'	Soluble	Solid	DI Leach	
390-7594-15	LAT WEST # 1 0 - 1'	Soluble	Solid	DI Leach	
390-7594-16	LAT WEST # 2 0 - 1'	Soluble	Solid	DI Leach	
MB 880-101118/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101118/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
_CSD 880-101118/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
390-7594-7 MS	AH # 2 2 - 3ft	Soluble	Solid	DI Leach	
890-7594-7 MSD	AH # 2 2 - 3ft	Soluble	Solid	DI Leach	

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

HPLC/IC

Analysis Batch: 101148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7594-1	AH # 1 3 - 4ft	Soluble	Solid	300.0	101118
890-7594-2	AH # 1 5 - 6ft	Soluble	Solid	300.0	101118
890-7594-3	AH # 1 7 - 8ft	Soluble	Solid	300.0	101118
890-7594-4	AH # 3 1ft	Soluble	Solid	300.0	101118
890-7594-5	AH # 3 2ft	Soluble	Solid	300.0	101118
890-7594-6	AH # 2 1 - 2ft	Soluble	Solid	300.0	101118
890-7594-7	AH # 2 2 - 3ft	Soluble	Solid	300.0	101118
890-7594-8	AH # 4 1ft	Soluble	Solid	300.0	101118
890-7594-9	AH # 4 2ft	Soluble	Solid	300.0	101118
890-7594-10	AH # 4 3ft	Soluble	Solid	300.0	101118
890-7594-11	AH # 4 4ft	Soluble	Solid	300.0	101118
890-7594-12	LAT EAST # 1 0 - 1'	Soluble	Solid	300.0	101118
890-7594-13	LAT EAST # 2 0 - 1'	Soluble	Solid	300.0	101118
890-7594-14	LAT SOUTH # 1 0 - 1'	Soluble	Solid	300.0	101118
890-7594-15	LAT WEST # 1 0 - 1'	Soluble	Solid	300.0	101118
890-7594-16	LAT WEST # 2 0 - 1'	Soluble	Solid	300.0	101118
MB 880-101118/1-A	Method Blank	Soluble	Solid	300.0	101118
LCS 880-101118/2-A	Lab Control Sample	Soluble	Solid	300.0	101118
LCSD 880-101118/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101118
890-7594-7 MS	AH # 2 2 - 3ft	Soluble	Solid	300.0	101118
890-7594-7 MSD	AH # 2 2 - 3ft	Soluble	Solid	300.0	101118

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Job ID: 890-7594-1

Lab Chronicle

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

SDG: LOCO HILLS

Client Sample ID: AH # 1 3 - 4ft Lab Sample ID: 890-7594-1

Date Collected: 01/22/25 11:23 **Matrix: Solid** Date Received: 01/22/25 17:21

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	101105	01/24/25 14:00	AA	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	101085	01/24/25 20:16	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	101248	01/27/25 08:36	AA	EET MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	101242	01/27/25 14:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/27/25 14:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101079	01/24/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		20	1 uL	1 uL	101107	01/24/25 11:40	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 19:13	CH	EET MID

Client Sample ID: AH # 1 5 - 6ft Lab Sample ID: 890-7594-2 Date Collected: 01/22/25 11:35 **Matrix: Solid**

Date Received: 01/22/25 17:21

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	101104	01/24/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	101088	01/24/25 14:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/24/25 14:29	SM	EET MIC
Total/NA	Analysis	8015 NM		1			101168	01/24/25 11:54	SM	EET MI
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101079	01/24/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101107	01/24/25 11:54	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101118	01/24/25 09:32	SI	EET MI
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 19:30	CH	EET MI

Client Sample ID: AH # 1 7 - 8ft Lab Sample ID: 890-7594-3 **Matrix: Solid**

Date Collected: 01/22/25 11:45 Date Received: 01/22/25 17:21

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	101343	01/28/25 11:53	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	101240	01/28/25 14:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/28/25 14:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 12:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101079	01/24/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101107	01/24/25 12:09	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 19:36	CH	EET MID

Client: TRC Solutions, Inc.

Client Sample ID: AH # 3

Project/Site: HOLLY YOUNGER JUNCTION

Date Collected: 01/22/25 12:00 Date Received: 01/22/25 17:21

Lab Sample ID: 890-7594-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	101248	01/27/25 17:00	AA	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	101242	01/27/25 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/27/25 18:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 12:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101079	01/24/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101107	01/24/25 12:23	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 19:42	CH	EET MID

Client Sample ID: AH # 3 2ft Lab Sample ID: 890-7594-5

Date Collected: 01/22/25 12:04 Date Received: 01/22/25 17:21

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	101104	01/24/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101088	01/24/25 13:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/24/25 13:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101080	01/24/25 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101108	01/24/25 11:40	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 19:48	CH	EET MID

Client Sample ID: AH # 2 1 - 2ft Lab Sample ID: 890-7594-6

Date Collected: 01/22/25 11:51 Date Received: 01/22/25 17:21

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	101104	01/24/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101088	01/24/25 13:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/24/25 13:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101080	01/24/25 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101108	01/24/25 11:54	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 19:54	CH	EET MID

Client Sample ID: AH # 2 2 - 3ft	Lab Sample ID: 890-7594-7
Date Collected: 01/22/25 11:54	Matrix: Solid
Date Received: 01/22/25 17:21	

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	101104	01/24/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101088	01/24/25 16:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/24/25 16:44	SM	EET MID

Job ID: 890-7594-1

Lab Sample ID: 890-7594-8

Lab Sample ID: 890-7594-9

Lab Sample ID: 890-7594-10

Matrix: Solid

Matrix: Solid

Matrix: Solid

Lab Chronicle

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

SDG: LOCO HILLS Lab Sample ID: 890-7594-7

Client Sample ID: AH # 2 2 - 3ft

Date Collected: 01/22/25 11:54 Date Received: 01/22/25 17:21

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			101168	01/24/25 12:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101080	01/24/25 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101108	01/24/25 12:09	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 20:00	CH	EET MID

Client Sample ID: AH # 4 1ft

Date Collected: 01/22/25 12:15 Date Received: 01/22/25 17:21

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	101104	01/24/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101088	01/24/25 17:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/24/25 17:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 12:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101080	01/24/25 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101108	01/24/25 12:23	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 20:17	CH	EET MID

Client Sample ID: AH # 4 2ft

Date Collected: 01/22/25 12:18

Date Received: 01/22/25 17:21

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	101248	01/27/25 17:00	AA	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	101242	01/27/25 18:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/27/25 18:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 11:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101081	01/24/25 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101110	01/24/25 11:52	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 20:23	CH	EET MID

Client Sample ID: AH # 4 3ft

Date Collected: 01/22/25 12:21

Date Received: 01/22/25 17:21

Prop Type	Batch	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared	Analyst	Lob
Prep Type	Type		– Kuli	Factor				or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	101104	01/24/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101088	01/24/25 17:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/24/25 17:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101081	01/24/25 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101110	01/24/25 12:08	TKC	EET MID

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Matrix: Solid

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Job ID: 890-7594-1

Matrix: Solid

Matrix: Solid

Matrix: Solid

Lab Sample ID: 890-7594-12

Lab Sample ID: 890-7594-13

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

SDG: LOCO HILLS

Lab Sample ID: 890-7594-10 Client Sample ID: AH # 4 **Matrix: Solid**

Date Collected: 01/22/25 12:21 Date Received: 01/22/25 17:21

Batch Batch Dil Initial Batch Final Prepared **Prep Type** Method Factor Number or Analyzed Analyst Type Run **Amount** Amount Lab Soluble Leach DI Leach 4.95 g 50 mL 101118 01/24/25 09:32 SI EET MID Soluble 300.0 01/24/25 20:41 CH Analysis 50 mL 50 mL 101148 **EET MID** 1

Client Sample ID: AH # 4 Lab Sample ID: 890-7594-11

Date Collected: 01/22/25 12:23 Date Received: 01/22/25 17:21

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	101104	01/24/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101088	01/24/25 17:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/24/25 17:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 12:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101081	01/24/25 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101110	01/24/25 12:24	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 20:47	CH	EET MID

Client Sample ID: LAT EAST # 1 0 - 1'

Date Collected: 01/22/25 14:05

Date Received: 01/22/25 17:21

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	101104	01/24/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101088	01/24/25 18:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/24/25 18:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 12:41	SM	EET MI
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101081	01/24/25 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101110	01/24/25 12:41	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 20:53	CH	EET MID

Client Sample ID: LAT EAST # 2 0 - 1'

Date Collected: 01/22/25 14:05

Date Received: 01/22/25 17:21

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	101104	01/24/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101088	01/24/25 18:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/24/25 18:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 11:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101082	01/24/25 08:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101112	01/24/25 11:52	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 20:59	CH	EET MID

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

SDG: LOCO HILLS

Job ID: 890-7594-1

Client Sample ID: LAT SOUTH # 1 0 - 1'

Date Collected: 01/22/25 14:00 Date Received: 01/22/25 17:21

Lab Sample ID: 890-7594-14

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	101104	01/24/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101088	01/24/25 18:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/24/25 18:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 12:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101082	01/24/25 08:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101112	01/24/25 12:08	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 21:05	CH	EET MID

Client Sample ID: LAT WEST # 1

Date Collected: 01/22/25 13:40 Date Received: 01/22/25 17:21

Lab Sample ID: 890-7594-15

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 5035 101104 01/24/25 08:53 AA EET MID Prep 5.00 g 5 mL Total/NA 8021B 5 mL **EET MID** Analysis 5 mL 101088 01/24/25 19:07 MNR 1 Total/NA Total BTEX Analysis 101177 01/24/25 19:07 SM **EET MID** 1 Total/NA 8015 NM Analysis 1 101168 01/24/25 12:24 SM **EET MID** Total/NA Prep 8015NM Prep 10.01 g 10 mL 101082 01/24/25 08:21 EL **EET MID** Total/NA 8015B NM Analysis 1 uL 1 uL 101112 01/24/25 12:24 TKC **EET MID** Soluble 01/24/25 09:32 SI Leach DI Leach 4.99 g 50 mL 101118 **EET MID** 300.0 Soluble Analysis 50 mL 50 mL 101148 01/24/25 21:11 CH **EET MID**

Client Sample ID: LAT WEST # 2

Date Collected: 01/22/25 13:45 Date Received: 01/22/25 17:21

Lab Sample ID: 890-7594-16

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	101104	01/24/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101088	01/24/25 19:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101177	01/24/25 19:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			101168	01/24/25 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101082	01/24/25 08:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101112	01/24/25 12:41	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101118	01/24/25 09:32	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101148	01/24/25 21:16	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1 SDG: LOCO HILLS

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program		Identification Number	Expiration Date	
exas	NELAP		T104704400	06-30-25	
The following analyte	s are included in this reno	rt but the laboratory is r	not certified by the governing authori	ity. This list may incl	
The following analyto	s are included in this repo	it, but the laboratory is i	not certified by the governing authori	ity. Triis list may inci	
9 ,	does not offer certification		not certified by the governing authori	ity. This list may inci	
9 ,	•		Analyte	ity. This list may mor	
for which the agency	does not offer certification		, , ,		

Method Summary

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

Method	Method Description	Protocol	Laboratory
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 MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
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 MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.

Project/Site: HOLLY YOUNGER JUNCTION

Job ID: 890-7594-1

SDG: LOCO HILLS

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7594-1	AH # 1 3 - 4ft	Solid	01/22/25 11:23	01/22/25 17:21
890-7594-2	AH # 1 5 - 6ft	Solid	01/22/25 11:35	01/22/25 17:21
890-7594-3	AH # 1 7 - 8ft	Solid	01/22/25 11:45	01/22/25 17:21
890-7594-4	AH # 3 1ft	Solid	01/22/25 12:00	01/22/25 17:21
890-7594-5	AH # 3 2ft	Solid	01/22/25 12:04	01/22/25 17:21
890-7594-6	AH # 2 1 - 2ft	Solid	01/22/25 11:51	01/22/25 17:21
890-7594-7	AH # 2 2 - 3ft	Solid	01/22/25 11:54	01/22/25 17:21
890-7594-8	AH # 4 1ft	Solid	01/22/25 12:15	01/22/25 17:21
890-7594-9	AH # 4 2ft	Solid	01/22/25 12:18	01/22/25 17:21
890-7594-10	AH # 4 3ft	Solid	01/22/25 12:21	01/22/25 17:21
890-7594-11	AH # 4 4ft	Solid	01/22/25 12:23	01/22/25 17:21
890-7594-12	LAT EAST # 1 0 - 1'	Solid	01/22/25 14:05	01/22/25 17:21
890-7594-13	LAT EAST # 2 0 - 1'	Solid	01/22/25 14:05	01/22/25 17:21
890-7594-14	LAT SOUTH # 1 0 - 1'	Solid	01/22/25 14:00	01/22/25 17:21
890-7594-15	LAT WEST # 1 0 - 1'	Solid	01/22/25 13:40	01/22/25 17:21
890-7594-16	LAT WEST # 2 0 - 1'	Solid	01/22/25 13:45	01/22/25 17:21

Revised Date: 08/25/2020 Rev. 2020.2



Environment Testing

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
Little Rock, AR (501) 224-5060

					Page of
Project Manager: Jupy 1 640564	Bill to: (if different)			Work Order	Comments
Company Name:	Company Name:			Program: UST/PST PRP Brow	vnfields RRC Superfund
Address: 10 Dansun an	Address:			State of Project:	
City, State ZIP:	City, State ZIP:			Reporting: Level II Level III PS	ST/UST TRRP Level IV
Phone: Er	nail:			Deliverables: EDD ADaF	Other:
Project Name: 60111 4 Class C. 6 D. Alista	Turn Around		ANALYSIS RE	QUEST	Preservative Codes
Project Number:	ine Rush Pres.				None: NO DI Water: H ₂ O
Project Location: LOSS HILLS Mins Due Da	te:		(100001) (1014) (1014)	Name and American Inc.	Cool: Cool MeOH: Me
	ts the day received by				HCL: HC HNO₃
PO#: the lab,	if received by 4:30pm	8 12			H ₂ S0 ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT Temp Blank: Yes No Wet lo	e: Yes No Here	430			H ₃ PO ₄ : HP
Samples Received Intact: Yes No Thermometer ID:	INMCO E	1 SY VE	890-7594 Chain of	Custoay	NaHSO₄: NABIS
Cooler Custody Seals: Yes N N/A Correction Factor:	1-0-2	w 7,			Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals: Yes No N/A Temperature Readin		0,4			Zn Acetate+NaOH: Zn
Total Containers: Corrected Temperate		187			NaOH+Ascorbic Acid: SAPC
Sample Identification Matrix Date Sampled Sample	Denth	1-1100			Sample Comments
ANH 3-41 5 1-22-25 111	22 3-4 P. 1				
AHH 5-10 1 3 / 111	25 5-6 6 1				
ALL 7-3/1 5 111	147-8 61				
A# #3 11+ 5 V 121	90 1º Ca 1				
AH 43 ZINTS V 12!	04 21 (-1				
1 H + 2 1-26+ 5 1/ 114	11/21/21				
AH 4 2 2-313 5 / 11'6	4 7-31 C				
A+ K4 11+ 5 V 1211	5 10 6				
AH #H 11 8 V 121	18 21 (4)				
ALLU 317 3 V 17	712181				
Total 200.7 / 6010 200.8 / 6020: 8RCRA	13PPM Texas 11 ALS	Sh As Ba Ba B C	Cd Ca Cr Co Cu Fe Pt	Mg Mn Me Ni K Se Ag SiO2	Na Sr Tl Sn U V Zn
	/ SPLP 6010: 8RCRA	Sb As Ba Be Co	d Cr Co Cu Pb Mn Mo	Ni Se Ag TI U Hg: 1631	/ 245.1 / 7470 / 7471
Notice: Signature of this document and relinquishment of samples constitutes a v					
of service. Eurofins Xanco will be liable only for the cost of samples and shall no of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project ar	assume any responsibility for a id a charge of \$5 for each sample	iny losses or expenses in le submitted to Eurofins X	curred by the client if such losses lenco, but not analyzed. These ten	are due to circumstances beyond the control as will be enforced unless previously negotiate	ad.
Relinquished by: (Signature) Received by: (S	ignature)	Date/Time	Relinquished by: (Signa	ture) Received by: (Signat	ture) Date/Time
Phis Court	t X 72	1225 /7/21			
	0	₹4			
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P-1-2

6/10/2025 (Rev. 2)



Environment Testing

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
Little Rock, AR (501) 224-5060

Mode	Order	Mar		
VVOIK	Order	NO:		

						Page of
Project Manager: \$ 519CfE1	Bill to: (if different)			Work Order	Comments
Company Name: TRC	Company Name	:			Program: UST/PST PRP Bro	wnfields RRC Superfund
Address:	Address:				State of Project:	
City, State ZIP:	City, State ZIP:				Reporting: Level II Level III P	ST/UST TRRP Level IV
Phone:	Email:				Deliverables: EDD ADa	PT Other:
Project Name: Hottly Lourses June	Turn Around			ANALYSIS	REQUEST	Preservative Codes
Project Number:	Routine Rush	Pres. Code				None: NO DI Water: H ₂ O
Project Location:	Due Date:					Cool: Cool MeOH: Me
Sampler's Name: 1200 for the Pon S	TAT starts the day received by					HCL: HC HNO ₃
O #:	the lab, if received by 4:30pm	20				H ₂ S0 ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT Temp Blank: Yes No	Wet Ice: Yes No	ete l				H₃PO₄: HP
amples Received Intact: Yes No Thermometer	er ID: Innaco	arameters				NaHSO₄: NABIS
Cooler Custody Seals: Yes No N/A Correction F	0,0	à.				Na ₂ S ₂ O ₃ : NaSO ₃
ample Custody Seals: Yes No N/A Temperature						Zn Acetate+NaOH: Zn
otal Containers: Corrected To	emperature: 4,0		N B			NaOH+Ascorbic Acid: SAPC
Sample Identification Matrix Date Sampled	Time Depth Grab/	# of Cont	17 Pag			Sample Comments
1444 24 5 1-2225	1273 4ND B	11				
1 ort CULLE 10-11 3 1-27-X	14105 OT 6					
1 AL + SCAT #2 1241 5 1-7225	14:05 0-1 6					
at South D-1' 5 1-72-75	14:00 14 6-	')				
at West # 0-1/ 5 (-22-75	13:40 0-1 6	1				
atures 42 81/ 5 1-22-25	1314× 0-1 C	1				
Total 200.7 / 6010 200.8 / 6020: 8R	CRA 13PPM Texas 11	Al Sb /	As Ba Bo B	Cd Ca Cr Co Cu Fe	Ph Mg Min Mo Ni K Se Ag SiO ₂	Na Sr Ti Sn U V Zn
irele Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010: 8RC	RA Sb	As Ba Be C	Cd Cr Co Cu Pb Mn I	Mo Ni Se Ag Ti U Hg: 1631	/ 245.1 / 7470 / 7471
otice: Signature of this <u>document and relinquishment of samples cons</u> service. Eurofins Xenco will be liable only for the cost of samples an Eurofins Xenco. A minimum charge of \$85.00 will be applied to each	d shall not assume any responsibilit	ty for any lo	osses or expenses i	incurred by the client if such los	ses are due to circumstances beyond the control	ted.
Relinquished by: (Signature) Received	d by: (Signature)		ate/Time	Relinquished by: (Sig		
DOMO DAX		122	J. 101			
	- 0			4		
				6		

Δ Yes Δ No

1089 N Canal St.

Carlsbad, NM 88220

Eurofins Carlsbad









Chain of Custody Record



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Environment Testing

6/10/2025 (Rev. 2)

Page 50 of 53

Released to Imaging: 7/31/2025 3:06:40 PM

Ver: 10/10/2024

Phone: 575-988-3199 Fax: 575-988-3199																				
Client Information (Sub Contract Lab)	Sampler: N/A			Lab Kra	PM: mer,	, Jes	sica							Carrier Tracking No(s): N/A				COC No: 890-4525.1		
Client Contact: Shipping/Receiving	Phone: N/A			E-M Jes		Krar	mer@	බet.e	eurof	finsus	s.com	1	Stat	e of Origin	ı:			Page: Page 1 of 2		
Company: Eurofins Environment Testing South Centr					Acc		ations	Requ	ired (See n								Job #: 890-7594-1		
Address:	Due Date Requeste	ad.	_		1.4.			ONGO				_					_	Preservation Cod	es:	
1211 W. Florida Ave,	1/28/2025	1/28/2025				Analysis Requested							eque	sted			\perp			
City: Midland	TAT Requested (da	ays): N/A	A		100													_		
State, Zip. TX, 79701					100			N.												
Phone: 432-704-5440(Tel)	PO #: N/A							8015												
Email:	WO #:	_			- 2	9/1		TPH	문		1 1							1		
N/A	N/A				s or No	ê Ş		Prep Ti	1 Chloride								2			
Project Name: HOLLY YOUNGER JUNCTION	Project #: 89000189				@ (Yes	98 01	ВТЕХ		EAC								container			
Site: N/A	SSOW#: N/A				amp	<u>ک</u>	Calc B	15NN	D/DI_t									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=Ai	Field Filtered S	Perform MS/MSD (Yes or No)	8021B/5035FP_C	8015MOD_NM/8015NM_S	300_ORGFM_28D/DI_LEACH	8015MOD_Calc	Total_BTEX_GCV						Total Number		structions/	/Note:
Cumple fuellaneadon - Chert ID (Ed. 12)				tion Code:		V	50	1129	250	100		300	85 K		1139		X	Service Control		- PERMISSION
		11:23		NAME OF TAXABLE PARTY.	H	M			0				G) 3-	1000			Y		-	
AH # 1 3 - 4ft (890-7594-1)	1/22/25	Central 11:35	G	Solid	\bot	Н	Х	Х	Х	Х	Х		+	\vdash	\perp		1			
AH # 1 5 - 6ft (890-7594-2)	1/22/25	Central	G	Solid	Ц	Ш	Х	Х	Х	Х	Х	-	-	\perp	\perp		1			
AH # 1 7 - 8ft (890-7594-3)	1/22/25	11:45 Central	G	Solid	Ц		Х	Х	Х	X	X		\perp				1			
AH # 3 1ft (890-7594-4)	1/22/25	12:00 Central	G	Solid	Ш		Х	х	Х	Х	Х						1			
AH # 3 2ft (890-7594-5)	1/22/25	12:04 Central	G	Solid			Х	х	Х	х	х						1			
AH # 2 1 - 2ft (890-7594-6)	1/22/25	11:51 Central	G	Solid			Х	Х	Х	Х	x						1			
AH # 2 2 - 3ft (890-7594-7)	1/22/25	11:54 Central	G	Solid			X	Х	Х	Х	х						1			
AH # 4 1ft (890-7594-8)	1/22/25	12:15 Central	G	Solid			х	Х	Х	Х	x						1			
AH # 4 2ft (890-7594-9)	1/22/25	12:18 Central	G	Solid			Х	Х	Х	Х	x						1			
Note: Since laboratory accreditations are subject to change, Eurofins Enviro laboratory does not currently maintain accreditation in the State of Origin list accreditation status should be brought to Eurofins Environment Testing Sou	ed above for analysis/tests	al, LLC places	analyzed, the sa	imples must b	e ship	oped b	back t	to the	Eurof	ins Er	vironm	nent Tes	ting Sou	ith Centra	, LLC labo	ratory or c	other i	instructions will be pro	ovided. Any ch	hanges to
Possible Hazard Identification						San						nay be						ed longer than 1		
Unconfirmed						_				Clier				osal By	Lab	/	Archi	ive For	Months	
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliver	able Rank:	2			Spe	cial l	Instr	uctio	ns/Q	C Re	quiren	nents:							
Empty Kit Relinquished by:		Date:			Tir	me:					7			Method	of Shipmer					
Relinquished by:	Date/Time:	16	30	Company			Recei	ived b	ıy:	8	4				Date/Ti	me:			Company	
Relinquished by:	Date/Time:			Company			Recei	ived b	y:	•	3				Date/Ti	me:			Company	
Relinquished by:	Date/Time:			Company			Recei	ived b	y:						Date/Ti	me:	_		Company	
Custody Sools Intest: Custody Sool No :						-	Coole	er Terr	ppera	hire(s)	°C an	d Other	Remark	s: / /	111		_			

Received by OCD: 6/12/2025 1:07:43 PM

6/10/2025 (Rev. 2)

Eurofins Carlsbad

1089 N Canal St.

Carlsbad, NM 88220 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Environment Testing

Priorie: 373-900-3199 Pax: 373-900-3199	Sampler:					er, Jessica							Carrier Tracking No(s): N/A				COC No: 890-4525.2	
Client Information (Sub Contract Lab) Client Contact:	Phone:			E-Ma	oil:							Si	State of Origin:				Page:	
Shipping/Receiving	N/A			Jes			amer@et.eurofinsus.com Texas litations Required (See note):				exas				Page 2 of 2			
Company: Eurofins Environment Testing South Centr							- Te		ea (50	ee note	:):						890-7594-1	
Address: 1211 W. Florida Ave,	Due Date Requeste	d:				Analysis Requested										Preservation Cod	es:	
City:		TAT Requested (days):									Ť	Tİ						
Midland State, Zip:	-	147	,															
TX, 79701 Phone:	PO #:				-			8015 NM										
432-704-5440(Tel) Email:	N/A WO#:				Ş.			TPH 80	Chloride									
N/A	N/A				١٥	or No)		Prep T	5							2		
Project Name: HOLLY YOUNGER JUNCTION	Project #: 89000189				اع ا	10 88 OF	BTEX	S.	LEACH							containe		
Site: N/A	ssow#. N/A	SSOW#.				SD (Y	Calc B	015NR	UQ/QI		8					0,00	Other: N/A	
		Sample	Sample Type (C=comp,	Matrix (W=water, S=solid, O=waste/oil,	eld Filtered	Perform MS/MSD (Yes	8021B/5035FP_	8015MOD_NM/8015NM_S_	300_ORGFM_28D/DI_LEACH	8015MOD_Calc	otal_B EX_GCV					Total Number		
Sample Identification - Client ID (Lab ID)	Sample Date	Time		BT=Tissue, A=Air	份	÷	8	8	8	8 1			ie set		RE S	X	Special In	structions/Note:
AH # 4 3ft (890-7594-10)	1/22/25	12:21	G	Solid	H	Δ	x	х	x	x	x					1		
AH # 4 4ft (890-7594-11)	1/22/25	Central 12:23	G	Solid	Н	Ħ	-+	+	-	-	x	1	11		\vdash	1		
LAT EAST # 1 0 - 1' (890-7594-12)	1/22/25	Central 14:05	G	Solid	Н	+		\rightarrow	х	+	x	++	++			1		
LAT EAST # 1 0 - 1 (090-7594-12)	1/22/25	Central 14:05	G	Solid	Н	+	-	+	x		x	++	+	+	\vdash	1		
LAT SOUTH # 1 0 - 1' (890-7594-14)	1/22/25	Central 14:00	G	Solid	H	\dashv	\rightarrow	-	x	-	x	++	++			1		
LAT WEST # 1 0 - 1' (890-7594-15)	1/22/25	Central 13:40	G	Solid	Н	+	\rightarrow	-	х	-	x		++		\vdash	1		
LAT WEST # 2 0 - 1' (890-7594-16)	1/22/25	Central 13:45	G	Solid	H	+	-	\dashv	х	+	x	++	++			1		
LAT WEST # 2 0 - 1 (690-7394-10)	1722123	Central			H		$\stackrel{\sim}{+}$		^	7		\forall	11					
					П													
Note: Since laboratory accreditations are subject to change, Eurofins Envirr laboratory does not currently maintain accreditation in the State of Origin lis accreditation status should be brought to Eurofins Environment Testing Sou	tod above for analysis/tosts	matrix being a	analyzed the sa	moles must b	e shini	ped b	ack to	the b	-มาดกภ	is Envir	ronment	Lesting 5	outh Cent	ai. LLU ia	poratory (or otner	r instructions will be pri	ovided. Any changes to
Possible Hazard Identification		-			\Box	San	_				ee ma				es are i	1	ed longer than 1	
Unconfirmed Deliverable Requested: I. II, III, IV, Other (specify)	Primary Delivera	hle Rank	2		\dashv	Sne		_		Client Is/QC	Requi	Dis rements	posal By	Lab		Arci	hive For	Months
					\perp									d of China	t:			
Empty Kit Relinguished by:		Date:		0	Tim	_	Danai	- d b		_	,		Metho	d of Shipn	/Time:			Company
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Relinquished by:	Date/Time:			Company			Receiv	ed by	<i>j</i> .					Date	Date/Time:			Company
Custody Seals Intact: Custody Seal No.: Δ Yes Δ No							Cooler	Tem	peratu	ıre(s) °(C and O	ther Rem	arks:					Ver: 10/10/2024

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 890-7594-1 SDG Number: LOCO HILLS

Login Number: 7594 **List Source: Eurofins Carlsbad**

List Number: 1

Creator: Bruns, Shannon

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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Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-7594-1

SDG Number: LOCO HILLS

List Source: Eurofins Midland
List Number: 2
List Creation: 01/24/25 08:12 AM

Creator: Laing, Edmundo

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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Site: Holly Younger Junction

Location: Loco Hills, NM

Client Name: HF SinclairMidstream

Project #: 650142

Laboratory: Eurofins Environment Testing, Midland, TX

Lab Report #: 890-7594-1 (Revision 2)

Reviewer: Nancy Bergstrom
Peer Reviewer: Elizabeth Denly

Review Date: 6/10/2025

Analytical	Method(s):
------------	------------

-Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) with Benzene, Toluene, Ethylbenzene, m,p-Xylenes, o-Xylene, and Xylenes, Total by SW-846 Method 8021B -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

rices	Samp	oled:
	- ap	

Sample Collection Date(s):

1/22/2025

Sampling Objective(s):

Release Response Investigation

Sample IDs (List IDs or attach COC):

AH #1 3-4ft, AH #1 5-6ft, AH #1 7-8ft, AH #3 1ft, AH #3 2ft, AH #2 1-2ft, AH #2 2-3ft, AH #4 1ft, AH #4 2ft, AH#4 3ft, AH #4 4ft, Lat East #1 0-1', Lat East #2 0-1', Lat South #1 0-1', Lat West #1 0-1', Lat West #2 0-1'

Revie	ew Item or Question	Y	N	NA	Comments ^a (please add comment for each item with a checked shaded box)
Chain-	of-Custody and Data Completeness				
1	Was COC appropriately completed?	Χ			
2	Did the laboratory report correct sample IDs?		х		The laboratory logged in the sample IDs for samples 890-7594-12 through 890-7594-16 as LAT EAST #1 0-1', LAT EAST #2 0-1', LAT SOUTH #1 0-1', LAT WEST #1 0-1', and LAT WEST #2 0-1'
3	Do the laboratory reported sample collection dates and times agree with the COC forms?	Х			
4	Are results reported for all analytical methods requested?	Х			



Revi	ew Item or Question	Y	N	NA	Commentsa (please add comment for each item with a checked shaded box)
5	Are results reported for all samples submitted for analysis?	Х			
6	Were the requested analytical methods used?	Х			
7	Are results reported for all target analytes, but no additional analytes?	Х			
8	SOIL/SEDIMENT ONLY: Were soil/sediment results reported on a dry weight basis?		Х		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?		Х		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?	Х			
Sampl	e Preservation				
11a	Did samples arrive at the laboratory appropriately preserved?	Х			
11b	Was the cooler temperature between 0-6°C?	Х			
11c	Was acid used for preservation when required (e.g., aqueous VOC and metals samples)?			х	
11d	SOIL/SEDIMENT ONLY: Were soil/sediment VOC samples preserved in the field or collected in EnCore® samplers?		х		All samples were received 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.)?	х			
13	Were any issues noted by the laboratory upon receipt?		Х		
14a	AIR ONLY: Were canisters received with an acceptable vacuum?			Х	



Review Item or Question		Y N		NA	Comments ^a (please add comment for each item with a checked shaded box)
14b	AIR ONLY: Were the RPDs between the initial and final canister flow controller calibrations <20?			Х	
Holdir	ng Times				
15	Were sample preparation and analysis holding time requirements met?	Х			
Repor	ting Limits				
16	Do the reporting limits meet the project specifications (e.g., QAPP or Work Plan)?	Х			
	Were dilutions performed? If so, note sample(s) and parameters(s) affected and the dilution factor(s).				All BTEX: AH #1 5-6ft (50x), AH #1 7-8ft (10x), AH #3 1ft (10x), AH #4 2ft (10x) All BTEX (except toluene): AH #1 3-4ft (500x)
17		Х			Toluene (only): AH #1 3-4ft (5000x) GRO/DRO/ORO: AH #1 3-4ft (20x)
18	Did the laboratory provide an adequate explanation as to why dilutions were performed?		Х		No explanation was provided for the sample dilutions.
QC F	Results				
Blank	s ^b				
19	Were target analytes detected in the method blanks? If yes, list contaminants, concentrations detected and associated samples.		х		
20	Does each analytical or preparation batch have its own method blank?	Х			
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).			Х	Field blank samples were not submitted with this data set.



Review Item or Question		Y	N	NA (please add comment for each item with a checked shaded box)	
22	Are there any potential false positive results based on questions 19 and/or 21?		Х		
Labora	atory Control Spikes ^c				
23	Are LCS/LCSD recoveries within QC limits? If no, list analytes affected, the LCS/LCSD recoveries, and the affected samples.	Х			
24	Does each analytical or preparation batch have its own LCS?	Х			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.	Х			
Matrix	Spikes ^c Note: If not performed on a projection	ect sam	ıple, evalı	uation is	s not required.
26	Are MS/MSD recoveries within QC limits? If no, list analytes affected, the MS/MSD recoveries and the sample that was spiked.	Х			MS/MSD analyses were performed on the following sample from this data set: -AH #2 2-3ft for chloride
27	Are MS/MSD RPDs within QC limits? If no, list analytes affected, the RPDs and the sample that was spiked.	Х			



Review Item or Question		(N	NA	Comments ^a (please add comment for each item with a checked shaded box)
ORGANIC ANALYSES OF recoveries within QC limits surrogate recoveries and	ts? If no, list samples,		X		The surrogate percent recoveries (%Rs) for 4-bromofluorobenzene were above the laboratory control limits (70-130%) in samples AH #1 3-4ft (165%), AH #1 5-6ft (158%), AH #3 1ft (174%), and AH #4 2ft (167%). The positive results for all BTEX analytes and Total BTEX in samples AH #1 3-4ft, AH #1 5-6ft, and AH #3 1ff may be considered estimated (J+) with a potential high bias. The positive results for all BTEX analytes (except benzene) and Total BTEX in sample AH #4 2ft may be considered estimated (J+) with a potential high bias. The nondetect result for benzene in sample AH #4 2ft did not require qualification. The surrogate %Rs for 1-chlorooctane (245%) and o-terphenyl (293%) were above the laboratory control limits (70-130%) in sample AH #1 3-4ft. The positive results for GRO and ORO and Total TPH in sample AH #1 3-4ft may be considered estimated (J+) with a potential high bias. The nondetect result for ORO did not require qualification. The surrogate %Rs for 1-chlorooctane (61%) and o-terphenyl (63%) were below the laboratory control limits (70-130%) in sample AH #2 2-3ft. The nondetect results for GRO, DRO, and ORO and Total TPH in sample AH #2 2-3ft may be considered estimated (UJ). The surrogate %R for o-terphenyl (69%) was below the laboratory control limits (70-130%) in sample AH #4 4ft. The nondetect results for GRO, DRO, and ORO and Total TPH in sample AH #4 4ft. The nondetect results for GRO, DRO, and ORO and Total TPH in sample AH #4 4ft may be considered estimated. The %Rs for 1-chlorooctane were above the laboratory control limits (70-130%) in samples Lat East #2 0-1' (139%), Lat South #1 0-1' (134%), Lat West #1 0-1' (141%), and Lat West #2 0-1' (133%). The nondetect results for GRO, DRO, and ORO and total TPH did not require qualification.
	t performed on a project s	samp	ple, evalı	uation is	
Are laboratory duplicate F If no, list analytes affecte sample that was prepared	d, the RPDs and the			х	Laboratory duplicate analyses were not performed on a sample from this data set.
Were field duplicate crite and/or Tips tabs for typica analytes affected, the RP difference (as applicable) samples.	al criteria. If no, list D and/or absolute			Х	Field duplicate samples were not submitted with this data set.

ECR Practice November 2022



Review Item or Question		Y N NA		NA	Comments ^a (please add comment for each item with a checked shaded box)	
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).				The case narrative had the following note: Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: AH #2 2-3ft (890-7947-7). Percent recoveries are based on the spike amount. No validation actions are required on this basis.	
32	Were any other potential data quality issues identified? If yes, describe issues.		Х			
33	Do any results look questionable? If yes, ASK THE LAB.		Х			
34	Has the EDD been compared to the lab report?	Х				

Additional Comments:

The laboratory report was revised to:

- 1) Correct the final volume for the chloride analyses, resulting in the correction of the reporting limit from 2 mg/kg to 10 mg/kg for the chloride results.
- 2) Provide the COC between the Carlsbad, NM and Midland, TX facilities.

Notes:

After data tables are created, check that reporting limits are below the project action levels (e.g., screening criteria, remediation standards, etc.) and compare data with historical results, if applicable. List any findings from this evaluation, when applicable, in the Additional Comments box above.

- a Comments generally need to be addressed in the TRC deliverable presenting the laboratory data, but this will be dependent on project requirements.
- b Check if local or regional criteria for blank assessments are available; these will supersede criteria in this checklist.
- c Use QC limits in QAPP, if available. If not, use QC limits provided by laboratory in data package.

The EPA Superfund Contract Laboratory Program (CLP) National Functional Guidelines (NFGs) for Data Review (November, 2020) or most recent version found here:

https://www.epa.gov/clp/superfund-clp-national-functional-guidelines-data-review

are typically used for data review guidelines when other project or state/regulatory data review guidance is not available. Project and state/regulatory data review guidance should be used and cited when applicable.

ECR Practice November 2022



Review Item or Question

Y

N

NA

Comments^a
(please add comment for each item with a checked shaded box)

Abbreviations:

BTEX Benzene, Toluene, Ethylbenzene, Xylenes

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

MS/MSD Matrix Spike / Matrix Spike Duplicate

ORO Oil Range Organics

QAPP Quality Assurance Project Plan

QC Quality Control

RPD Relative Percent Difference
TPH Total Petroleum Hydrocarbons
VOC Volatile Organic Compound

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/10/2025 8:58:22 AM Revision 1

JOB DESCRIPTION

YOUNGER JUNCTION 650142

JOB NUMBER

890-8013-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220



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 6/10/2025 8:58:22 AM Revision 1

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

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Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Laboratory Job ID: 890-8013-1

SDG: 650142

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Qualifier Description

Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 890-8013-1 Project/Site: YOUNGER JUNCTION

SDG: 650142

Qualifiers

GC VOA
Qualifier

F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high 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.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.
HPLC/IC	

Quaimer	Quaimer Description						
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.
\tilde{\	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 Contamir

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

ND Not Detected a	at the reporting lin	mit (or MDL or EDL if shown)
-------------------	----------------------	------------------------------

NEG	Negative / Absent
POS	Positive / Present
POI	Practical Quantitation

PQL	Practical	Quantitation	Limi
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PRES	Presumptive
QC	Quality Control

RPD	Relative Percent Difference, a measure of the relative difference between two poin	ıts
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TEF Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Case Narrative

Client: TRC Solutions, Inc.

Job ID: 890-8013-1

Project: YOUNGER JUNCTION

Job ID: 890-8013-1 Eurofins Carlsbad

Job Narrative 890-8013-1

REVISION

The report being provided is a revision of the original report sent on 4/24/2025. The report (revision 1) is being revised due to Interoffice paperwork missing on final report..

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 4/18/2025 8:08 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW - 2W - 1 (890-8013-1), SW - 2S - 1 (890-8013-2), BS - 2A - 2 (890-8013-3), BS - 2B - 2 (890-8013-4), BS - 2C - 2 (890-8013-5), TB - 041725 - 1 (890-8013-6) and TB - 041725 - 1 (890-8013-7).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108183 and analytical batch 880-108179 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 8021B: The surrogate recovery for the blank associated with preparation batch 880-108183 and analytical batch 880-108179 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW - 2W - 1 (890-8013-1), BS - 2A - 2 (890-8013-3), BS - 2B - 2 (890-8013-4) and BS - 2C - 2 (890-8013-5). Evidence of matrix interference is present; therefore, reextraction and/or re-analysis was not performed.

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

Diesel Range Organics

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Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW - 2S - 1 (890-8013-2), BS - 2A - 2 (890-8013-3), (CCV 880-108276/30), (CCV 880-108276/73), (CCV 880-108276/84), (LCS 880-108161/2-A), (LCSD 880-108161/3-A), (890-7984-A-1-C), (890-7984-A-1-D MS) and (890-7984-A-1-E MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108161 and analytical batch 880-108276 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 8015MOD_NM: The laboratory control sample duplicate (LCSD) for preparation batch 880-108161 and analytical batch 880-108276 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28). Since only an acceptable LCS or LCSD is required per the method, the LCS shows recovery for the batch therefore the data has been qualified and reported.

Eurofins Carlsbad

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Case Narrative

Client: TRC Solutions, Inc.

Job ID: 890-8013-1

Project: YOUNGER JUNCTION

Job ID: 890-8013-1 (Continued)

Eurofins Carlsbad

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

HPLC/IC

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

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Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1

Lab Sample ID: 890-8013-1

04/20/25 19:33 04/23/25 02:01

SDG: 650142

Matrix: Solid

Client Sample ID: SW - 2W - 1

Date Collected: 04/17/25 14:31

Date Received: 04/18/25 08:08

Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200	mg/Kg		04/21/25 09:09	04/21/25 13:42	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/25 09:09	04/21/25 13:42	1
Ethylbenzene	<0.00200	U F1 F2	0.00200	mg/Kg		04/21/25 09:09	04/21/25 13:42	1
m,p-Xylenes	<0.00399	U F1 F2	0.00399	mg/Kg		04/21/25 09:09	04/21/25 13:42	1
o-Xylene	<0.00200	U F1 F2	0.00200	mg/Kg		04/21/25 09:09	04/21/25 13:42	1
Xylenes, Total	<0.00399	U F1 F2	0.00399	mg/Kg		04/21/25 09:09	04/21/25 13:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	257	S1+	70 - 130			04/21/25 09:09	04/21/25 13:42	1
1,4-Difluorobenzene (Surr)	75		70 - 130			04/21/25 09:09	04/21/25 13:42	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg	_		04/21/25 13:42	1
	sol Pango (Organice ((DBO) (GC)					

Method: 20046 8015 MM - Dies	sei Range O	rganics (DRO) (GC)					
Analyte	Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 l	J	49.9	mg/Kg			04/23/25 02:01	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/20/25 19:33	04/23/25 02:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+ *1	49.9	mg/Kg		04/20/25 19:33	04/23/25 02:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/20/25 19:33	04/23/25 02:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130			04/20/25 19:33	04/23/25 02:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble							
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121	10.0	mg/Kg			04/22/25 09:20	1

70 - 130

Lab Sample ID: 890-8013-2 Client Sample ID: SW - 2S - 1 Date Collected: 04/17/25 14:15 **Matrix: Solid**

72

Date Received: 04/18/25 08:08

Sample Depth: 1

o-Terphenyl (Surr)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/21/25 09:09	04/21/25 14:02	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/21/25 09:09	04/21/25 14:02	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/21/25 09:09	04/21/25 14:02	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		04/21/25 09:09	04/21/25 14:02	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/21/25 09:09	04/21/25 14:02	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/21/25 09:09	04/21/25 14:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130			04/21/25 09:09	04/21/25 14:02	1

Client: TRC Solutions, Inc. Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1

SDG: 650142

Client Sample ID: SW - 2S - 1

Date Collected: 04/17/25 14:15 Date Received: 04/18/25 08:08

Sample Depth: 1

Lab Sample ID: 890-8013-2

Lab Sample ID: 890-8013-3

Matrix: Solid

Matrix: Solid

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

Surrogate %Recovery Qualifier I imits Prepared Analyzed Dil Fac 04/21/25 09:09 04/21/25 14:02 70 - 130 1,4-Difluorobenzene (Surr)

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte Result Qualifier RLUnit D Prepared Analyzed Dil Fac Total BTEX <0.00402 U 0.00402 mg/Kg 04/21/25 14:02

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

Result Qualifier Unit D Prepared Analyzed Dil Fac Total TPH <49.8 U 49.8 mg/Kg 04/23/25 02:22

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

Result Qualifier D Dil Fac Unit Prepared Analyte Analyzed <49.8 U 49.8 04/20/25 19:33 04/23/25 02:22 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.8 U *+ *1 49.8 mg/Kg 04/20/25 19:33 04/23/25 02:22 C10-C28) Oil Range Organics (Over C28-C36) 49.8 04/20/25 19:33 04/23/25 02:22 <49.8 U mg/Kg

%Recovery Qualifier Dil Fac Surrogate I imits Prepared Analyzed 1-Chlorooctane (Surr) 66 S1-70 - 130 04/20/25 19:33 04/23/25 02:22 66 S1-04/20/25 19:33 04/23/25 02:22 o-Terphenyl (Surr) 70 - 130

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte Result Qualifier Unit Prepared Analyzed Dil Fac Chloride 114 9.94 mg/Kg 04/22/25 09:43

Client Sample ID: BS - 2A - 2

Date Collected: 04/17/25 14:18 Date Received: 04/18/25 08:08

Sample Depth: 2

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

Analyte Result Qualifier RI Unit D Prepared Dil Fac Analyzed Benzene <0.00202 U 0.00202 mg/Kg 04/21/25 09:09 04/21/25 14:23 Toluene <0.00202 U 0.00202 mg/Kg 04/21/25 09:09 04/21/25 14:23 Ethylbenzene <0.00202 U 0.00202 mg/Kg 04/21/25 09:09 04/21/25 14:23 m,p-Xylenes <0.00404 U 0.00404 mg/Kg 04/21/25 09:09 04/21/25 14:23 o-Xylene 0.00224 0.00202 mg/Kg 04/21/25 09:09 04/21/25 14:23 Xylenes, Total <0.00404 U 0.00404 mg/Kg 04/21/25 09:09 04/21/25 14:23

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 70 - 130 04/21/25 09:09 4-Bromofluorobenzene (Surr) 260 S1+ 04/21/25 14:23 1,4-Difluorobenzene (Surr) 131 S1+ 70 - 130 04/21/25 09:09 04/21/25 14:23

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte Result Qualifier RL Unit D Analyzed Dil Fac Prepared <0.00404 U Total BTEX 0.00404 mg/Kg 04/21/25 14:23

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

Analyte Result Qualifier Unit Prepared Analyzed Dil Fac **Total TPH** 402 49.7 mg/Kg 04/23/25 02:43

Matrix: Solid

Lab Sample ID: 890-8013-3

04/22/25 09:50

Client Sample Results

Client: TRC Solutions, Inc. Job ID: 890-8013-1

Project/Site: YOUNGER JUNCTION SDG: 650142

Client Sample ID: BS - 2A - 2

Date Collected: 04/17/25 14:18 Date Received: 04/18/25 08:08

Sample Depth: 2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7	mg/Kg		04/20/25 19:33	04/23/25 02:43	1
Diesel Range Organics (Over C10-C28)	308	*+ *1	49.7	mg/Kg		04/20/25 19:33	04/23/25 02:43	1
Oil Range Organics (Over C28-C36)	93.9		49.7	mg/Kg		04/20/25 19:33	04/23/25 02:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	68	S1-	70 - 130			04/20/25 19:33	04/23/25 02:43	1
o-Terphenyl (Surr)	66	S1-	70 - 130			04/20/25 19:33	04/23/25 02:43	1
Method: EPA 300.0 - Anions	, Ion Chroma	tography -	Soluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Lab Sample ID: 890-8013-4 Client Sample ID: BS - 2B - 2 Date Collected: 04/17/25 14:22 Matrix: Solid

9.92

mg/Kg

169

Date Received: 04/18/25 08:08

Sample Depth: 2

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/21/25 09:09	04/21/25 14:43	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/21/25 09:09	04/21/25 14:43	1
Ethylbenzene	0.00203		0.00199	mg/Kg		04/21/25 09:09	04/21/25 14:43	1
m,p-Xylenes	0.00595		0.00398	mg/Kg		04/21/25 09:09	04/21/25 14:43	1
o-Xylene	0.00901		0.00199	mg/Kg		04/21/25 09:09	04/21/25 14:43	1
Xylenes, Total	0.0150		0.00398	mg/Kg		04/21/25 09:09	04/21/25 14:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	309	S1+	70 - 130			04/21/25 09:09	04/21/25 14:43	1
1,4-Difluorobenzene (Surr)	85		70 - 130			04/21/25 09:09	04/21/25 14:43	1
Total BTEX	0.0170		0.00398	mg/Kg			04/21/25 14:43	1
Method: SW846 8015 NM - E	Diesel Range (•	DRO) (GC)		Б	Dropovod		
- ¹	Diesel Range (Organics (Qualifier		mg/Kg Unit mg/Kg	<u>D</u>	Prepared	04/21/25 14:43 Analyzed 04/23/25 03:03	Dil Fac
Method: SW846 8015 NM - E Analyte Total TPH Method: SW846 8015B NM -	Diesel Range (Result 488 Diesel Range	Qualifier Organics	DRO) (GC) RL 50.0	Unit mg/Kg			Analyzed 04/23/25 03:03	Dil Fac
Method: SW846 8015 NM - E Analyte Total TPH Method: SW846 8015B NM - Analyte	Diesel Range (Result 488 Diesel Range (Result	Qualifier Organics Qualifier	DRO) (GC) RL 50.0 (DRO) (GC) RL	Unit mg/Kg Unit	<u>D</u>	Prepared	Analyzed 04/23/25 03:03	Dil Fac
Method: SW846 8015 NM - E Analyte Total TPH Method: SW846 8015B NM -	Diesel Range (Result 488 Diesel Range	Qualifier Organics Qualifier	DRO) (GC) RL 50.0	Unit mg/Kg			Analyzed 04/23/25 03:03	Dil Fac
Method: SW846 8015 NM - EANAIyte Total TPH Method: SW846 8015B NM - Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Diesel Range (Result 488 Diesel Range Result <50.0	Qualifier Organics Qualifier	DRO) (GC) RL 50.0 (DRO) (GC) RL	Unit mg/Kg Unit		Prepared 04/20/25 19:33	Analyzed 04/23/25 03:03	Dil Fac
Method: SW846 8015 NM - E Analyte Total TPH Method: SW846 8015B NM - Analyte Gasoline Range Organics	Diesel Range (Result 488 Diesel Range Result <50.0	Qualifier Organics Qualifier U	DRO) (GC) RL 50.0 (DRO) (GC) RL 50.0	Unit mg/Kg Unit mg/Kg		Prepared 04/20/25 19:33 04/20/25 19:33	Analyzed 04/23/25 03:03 Analyzed 04/23/25 03:03	Dil Fac Dil Fac 1
Method: SW846 8015 NM - EANalyte Total TPH Method: SW846 8015B NM - Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over	Diesel Range (Result 488 Diesel Range (Result	Qualifier Organics Qualifier U *+ *1	DRO) (GC) RL 50.0 (DRO) (GC) RL 50.0 50.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 04/20/25 19:33 04/20/25 19:33	Analyzed 04/23/25 03:03 Analyzed 04/23/25 03:03 04/23/25 03:03	Dil Fac Dil Fac 1 Dil Fac 1

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6/10/2025 (Rev. 1)

Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1

SDG: 650142

Client Sample ID: BS - 2B - 2

Date Collected: 04/17/25 14:22 Date Received: 04/18/25 08:08

Lab Sample ID: 890-8013-4 **Matrix: Solid**

Lab Sample ID: 890-8013-5

Matrix: Solid

Sample Depth: 2

Method: SW846 8015B NM - Diesel Range O	Organics (DRO) (GC) (Continued)
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Surrogate	%Recovery Quali	ifier Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	80	70 - 130	04/20/25 19:33	04/23/25 03:03	1

Method:	EPA 300.0 -	- Anions,	lon	Chro	natog	graphy	r - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		9.96	mg/Kg			04/22/25 09:58	1

Client Sample ID: BS - 2C - 2

Date Collected: 04/17/25 14:27

Date Received: 04/18/25 08:08

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC))
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1 0 0 0		- opou	uo (OO)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/25 09:09	04/21/25 15:04	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/25 09:09	04/21/25 15:04	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/25 09:09	04/21/25 15:04	1
m,p-Xylenes	0.00863		0.00399	mg/Kg		04/21/25 09:09	04/21/25 15:04	1
o-Xylene	0.0186		0.00200	mg/Kg		04/21/25 09:09	04/21/25 15:04	1
Xylenes, Total	0.0272		0.00399	mg/Kg		04/21/25 09:09	04/21/25 15:04	1
Surrogate	%Recovery	Qualifier	l imits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130	04/21/25 09:09	04/21/25 15:04	1
1,4-Difluorobenzene (Surr)	74		70 - 130	04/21/25 09:09	04/21/25 15:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0272	0.00399	mg/Kg			04/21/25 15:04	1

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

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	953	49.8	mg/Kg			04/23/25 03:23	1

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

Analyte	Result	Qualitier	KL	Unit	ט	Prepared	Anaiyzed	DII Fac
Gasoline Range Organics	<49.8	U	49.8	mg/Kg		04/20/25 19:33	04/23/25 03:23	1
(GRO)-C6-C10								
Diesel Range Organics (Over	745	*+ *1	49.8	mg/Kg		04/20/25 19:33	04/23/25 03:23	1
C10-C28)								
Oil Range Organics (Over	208		49.8	mg/Kg		04/20/25 19:33	04/23/25 03:23	1
C28-C36)								

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80	70 - 130	04/20/25 19:33	04/23/25 03:23	1
o-Terphenyl (Surr)	79	70 - 130	04/20/25 19:33	04/23/25 03:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	203		9.94	mg/Kg			04/22/25 10:05	1

Client Sample Results

Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1
SDG: 650142

Client Sample ID: TB - 041725 - 1 Lab Sample ID: 890-8013-7

Date Collected: 04/17/25 00:00 Matrix: Water Date Received: 04/18/25 08:08

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			04/22/25 02:24	1
Toluene	<0.00200	U	0.00200	mg/L			04/22/25 02:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/L			04/22/25 02:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			04/22/25 02:24	1
o-Xylene	<0.00200	U	0.00200	mg/L			04/22/25 02:24	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			04/22/25 02:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/22/25 02:24	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/22/25 02:24	1
Method: TAL SOP Total BT	EX - Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	11	0.00400	mg/L			04/22/25 02:24	

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Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1

SDG: 650142

Method: 8021B - Volatile Organic Compounds (GC)

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

			Percent Surrogate Recovery (Acceptance Lin	nits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	70-130)	
890-8013-1	SW - 2W - 1	257 S1+		
890-8013-1 MS	SW - 2W - 1	468 S1+	177 S1+	
890-8013-1 MSD	SW - 2W - 1	319 S1+	58 S1-	
890-8013-2	SW - 2S - 1	130	114	
890-8013-3	BS - 2A - 2	260 S1+	I31 S1+	
890-8013-4	BS - 2B - 2	309 S1+	85	
890-8013-5	BS - 2C - 2	66 S1-	74	
LCS 880-108183/1-A	Lab Control Sample	118	106	
LCSD 880-108183/2-A	Lab Control Sample Dup	125	103	
MB 880-108183/5-A	Method Blank	178 S1+	97	

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water Prep Type: Total/NA

_			Pe
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-56919-C-1 MS	Matrix Spike	106	99
880-56919-C-1 MSD	Matrix Spike Duplicate	101	100
890-8013-7	TB - 041725 - 1	105	98
LCS 880-108178/34	Lab Control Sample	101	99
LCSD 880-108178/35	Lab Control Sample Dup	99	102
MB 880-108178/39	Method Blank	103	95
MB 880-108186/5-A	Method Blank	100	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

			Percent Surrogate Recovery (Ad	ceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	70-130)	
890-7984-A-1-D MS	Matrix Spike	69 S1-	65 S1-	
890-7984-A-1-E MSD	Matrix Spike Duplicate	73	68 S1-	
890-8013-1	SW - 2W - 1	71	72	
890-8013-2	SW - 2S - 1	66 S1-	66 S1-	
890-8013-3	BS - 2A - 2	68 S1-	66 S1-	
890-8013-4	BS - 2B - 2	79	80	
890-8013-5	BS - 2C - 2	80	79	
LCS 880-108161/2-A	Lab Control Sample	18 S1-	14 S1-	
LCSD 880-108161/3-A	Lab Control Sample Dup	25 S1-	19 S1-	
MB 880-108161/1-A	Method Blank	79	80	

1CO = 1-Chlorooctane (Surr)

Surrogate Summary

Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

OTPH = o-Terphenyl (Surr)

Job ID: 890-8013-1 SDG: 650142

Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1

SDG: 650142

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-108178/39

Matrix: Water

Analysis Batch: 108178

Client Sample ID: Method Blank

Prep Type: Total/NA

	INIB INIB						
Analyte	Result Qua	alifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200 U	0.00200	mg/L			04/22/25 02:02	1
Toluene	<0.00200 U	0.00200	mg/L			04/22/25 02:02	1
Ethylbenzene	<0.00200 U	0.00200	mg/L			04/22/25 02:02	1
m-Xylene & p-Xylene	<0.00400 U	0.00400	mg/L			04/22/25 02:02	1
o-Xylene	<0.00200 U	0.00200	mg/L			04/22/25 02:02	1
Xylenes, Total	<0.00400 U	0.00400	mg/L			04/22/25 02:02	1

MB MB %Recovery Qualifier Limits Prepared Dil Fac Analyzed 70 - 130 103 04/22/25 02:02 95 70 - 130 04/22/25 02:02

Lab Sample ID: LCS 880-108178/34

Matrix: Water

Surrogate

Analysis Batch: 108178

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

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

Spike	LCS	LCS				%Rec	
Added	Result	Qualifier	Unit	D	%Rec	Limits	
0.100	0.09501		mg/L		95	70 - 130	
0.100	0.09225		mg/L		92	70 - 130	
0.100	0.09437		mg/L		94	70 - 130	
0.200	0.1931		mg/L		97	70 - 130	
0.100	0.09748		mg/L		97	70 - 130	
	0.100 0.100 0.100 0.200	Added Result 0.100 0.09501 0.100 0.09225 0.100 0.09437 0.200 0.1931	Added Result Qualifier 0.100 0.09501 0.100 0.09225 0.100 0.09437 0.200 0.1931	Added Result Qualifier Unit 0.100 0.09501 mg/L 0.100 0.09225 mg/L 0.100 0.09437 mg/L 0.200 0.1931 mg/L	Added Result Qualifier Unit D 0.100 0.09501 mg/L 0.100 0.09225 mg/L 0.100 0.09437 mg/L 0.200 0.1931 mg/L	Added Result Qualifier Unit D %Rec 0.100 0.09501 mg/L 95 0.100 0.09225 mg/L 92 0.100 0.09437 mg/L 94 0.200 0.1931 mg/L 97	Added Result Qualifier Unit D %Rec Limits 0.100 0.09501 mg/L 95 70 - 130 0.100 0.09225 mg/L 92 70 - 130 0.100 0.09437 mg/L 94 70 - 130 0.200 0.1931 mg/L 97 70 - 130

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

Lab Sample ID: LCSD 880-108178/35

Matrix: Water

Analysis Batch: 108178

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

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09978		mg/L		100	70 - 130	5	20
Toluene	0.100	0.09585		mg/L		96	70 - 130	4	20
Ethylbenzene	0.100	0.09723		mg/L		97	70 - 130	3	20
m-Xylene & p-Xylene	0.200	0.1977		mg/L		99	70 - 130	2	20
o-Xylene	0.100	0.09977		mg/L		100	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-56919-C-1 MS

Matrix: Water

Analysis Batch: 108178

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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.08782		mg/L	_	88	70 - 130	
Toluene	<0.00200	U	0.100	0.08385		mg/L		84	70 - 130	

QC Sample Results

Client: TRC Solutions, Inc. Project/Site: YOUNGER JUNCTION Job ID: 890-8013-1

SDG: 650142

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

Lab Sample ID: 880-56919-C-1 MS

Matrix: Water

Analysis Batch: 108178

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00200	U	0.100	0.08885		mg/L		89	70 - 130	
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1805		mg/L		90	70 - 130	
o-Xylene	<0.00200	U	0.100	0.09181		mg/L		92	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 108178

Lab Sample ID: 880-56919-C-1 MSD

Sample Sample %Rec **RPD** Spike MSD MSD Analyte **Result Qualifier** Added Result Qualifier Unit D %Rec Limits RPD Limit 70 - 130 Benzene <0.00200 U 0.100 0.09113 mg/L 91 4 25 Toluene <0.00200 U 0.100 0.08756 88 70 - 130 25 mg/L Ethylbenzene <0.00200 U 0.100 0.09230 mg/L 92 70 - 130 25 m-Xylene & p-Xylene <0.00400 U 0.200 0.1871 mg/L 94 70 - 130 25 o-Xylene <0.00200 U 0.100 0.09583 96 70 - 130 mg/L

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-108183/5-A

Matrix: Solid

Analysis Batch: 108179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108183

	IVID	IVID						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/25 09:09	04/21/25 13:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/25 09:09	04/21/25 13:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/25 09:09	04/21/25 13:13	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		04/21/25 09:09	04/21/25 13:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/25 09:09	04/21/25 13:13	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/21/25 09:09	04/21/25 13:13	1

MB MB

MR MR

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130	04/21/25 09:09	04/21/25 13:13	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/21/25 09:09 (04/21/25 13:13	1

Lab Sample ID: LCS 880-108183/1-A

Matrix: Solid

Analysis Batch: 108179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108183

-	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09519		mg/Kg		95	70 - 130	
Toluene	0.100	0.08629		mg/Kg		86	70 - 130	
Ethylbenzene	0.100	0.08673		mg/Kg		87	70 - 130	
m,p-Xylenes	0.200	0.2055		mg/Kg		103	70 - 130	

QC Sample Results

Client: TRC Solutions, Inc. Job ID: 890-8013-1 Project/Site: YOUNGER JUNCTION

SDG: 650142

Prep Batch: 108183

Prep Batch: 108183

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

Lab Sample ID: LCS 880-108183/1-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 108179 Prep Batch: 108183** LCS LCS Spike %Rec

Analyte Added Result Qualifier Unit %Rec Limits o-Xylene 0 100 0 1038 mg/Kg 104 70 - 130

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 118 70 - 130 1,4-Difluorobenzene (Surr) 106 70 - 130

Lab Sample ID: LCSD 880-108183/2-A **Client Sample ID: Lab Control Sample Dup Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 108179 Spike LCSD LCSD

%Rec **RPD** Added Result Qualifier Limits **RPD** Limit **Analyte** Unit D %Rec Benzene 0.100 0.09904 mg/Kg 99 70 - 130 4 35 Toluene 0.100 0.08132 mg/Kg 81 70 - 130 6 35 Ethylbenzene 0.100 0.1040 mg/Kg 104 70 - 130 18 35 0.200 0.2132 107 70 - 130 35 m,p-Xylenes mg/Kg o-Xylene 0.100 0.1043 mg/Kg 104 70 - 130 n 35

LCSD LCSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 125 70 - 130 1,4-Difluorobenzene (Surr) 103 70 - 130

Lab Sample ID: 890-8013-1 MS Client Sample ID: SW - 2W - 1 **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 108179

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier **Analyte** Unit %Rec Limits <0.00200 U F1 F2 0.1919 F1 Benzene 0.100 mg/Kg 192 70 - 130 Toluene <0.00200 U 0.100 0.07301 mg/Kg 73 70 - 130Ethylbenzene <0.00200 UF1F2 0.100 0.1874 F1 mg/Kg 187 70 - 130 m,p-Xylenes <0.00399 UF1F2 0.200 0.7082 F1 mg/Kg 354 70 - 130 o-Xylene <0.00200 UF1F2 0.100 0.3730 F1 mg/Kg 373 70 - 130

MS MS Surrogate %Recovery Qualifier Limits 468 S1+ 70 - 130 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) 177 S1+ 70 - 130

Lab Sample ID: 890-8013-1 MSD Client Sample ID: SW - 2W - 1 **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 108179									Prep Ba	atch: 10	08183
_	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U F1 F2	0.100	0.04833	F1 F2	mg/Kg		48	70 - 130	120	35
Toluene	<0.00200	U	0.100	0.06982		mg/Kg		70	70 - 130	4	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1267	F2	mg/Kg		127	70 - 130	39	35
m,p-Xylenes	<0.00399	U F1 F2	0.200	0.4807	F1 F2	mg/Kg		240	70 - 130	38	35
o-Xylene	<0.00200	U F1 F2	0.100	0.2520	F1 F2	mg/Kg		252	70 - 130	39	35

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Client: TRC Solutions, Inc. Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1

SDG: 650142

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

MSD MSD

Client Sample ID: SW - 2W - 1 Lab Sample ID: 890-8013-1 MSD

Matrix: Solid

Analysis Batch: 108179

Prep Type: Total/NA

Prep Batch: 108183

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	319	S1+	70 - 130
1,4-Difluorobenzene (Surr)	58	S1-	70 - 130

Client Sample ID: Method Blank Lab Sample ID: MB 880-108186/5-A

Matrix: Water

Analysis Batch: 108178

Prep Type: Total/NA

Prep Batch: 108186

	MB I	MB						
Analyte	Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200 U	U	0.00200	mg/L		04/21/25 09:21	04/21/25 15:02	1
Toluene	<0.00200 l	U	0.00200	mg/L		04/21/25 09:21	04/21/25 15:02	1
Ethylbenzene	<0.00200 l	U	0.00200	mg/L		04/21/25 09:21	04/21/25 15:02	1
m-Xylene & p-Xylene	<0.00400 U	U	0.00400	mg/L		04/21/25 09:21	04/21/25 15:02	1
o-Xylene	<0.00200 l	U	0.00200	mg/L		04/21/25 09:21	04/21/25 15:02	1
Xylenes, Total	<0.00400 l	U	0.00400	mg/L		04/21/25 09:21	04/21/25 15:02	1

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 70 - 130 4-Bromofluorobenzene (Surr) 100 04/21/25 09:21 04/21/25 15:02 1,4-Difluorobenzene (Surr) 94 70 - 130 04/21/25 09:21 04/21/25 15:02

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

Lab Sample ID: MB 880-108161/1-A **Client Sample ID: Method Blank Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 108276 Prep Batch: 108161**

MB MB

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 04/20/25 19:33 04/22/25 19:52 mg/Kg (GRO)-C6-C10 <50.0 U 50.0 04/20/25 19:33 04/22/25 19:52 Diesel Range Organics (Over mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 04/20/25 19:33 04/22/25 19:52

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane (Surr) 79 70 - 130 04/20/25 19:33 04/22/25 19:52 o-Terphenyl (Surr) 80 70 - 130 04/20/25 19:33 04/22/25 19:52

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 880-108161/2-A

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 108276

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1053		mg/Kg		105	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130	

LCS LCS Limits Surrogate %Recovery Qualifier

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1-Chlorooctane (Surr) 18 S1-70 - 130 o-Terphenyl (Surr) 14 S1-70 - 130

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Prep Batch: 108161

Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1

SDG: 650142

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

Lab Sample ID: LCSD 880-108161/3-A

Matrix: Solid

Analysis Batch: 108276

Diesel Range Organics (Over

Client Sample ID: Lab Control Sample Dup

145

70 - 130

Prep Type: Total/NA

30

Prep Type: Total/NA **Prep Batch: 108161**

Prep Batch: 108161 Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Unit Limits RPD Limit Analyte D %Rec Gasoline Range Organics 1000 1291 mg/Kg 129 70 - 130 20 20 (GRO)-C6-C10

1448 *+ *1

mg/Kg

C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	25	S1-	70 - 130
o-Terphenyl (Surr)	19	S1-	70 - 130

Lab Sample ID: 890-7984-A-1-D MS **Client Sample ID: Matrix Spike**

1000

Matrix: Solid

Analysis Batch: 108276

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	984.9		mg/Kg		99	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U *+ *1 F1	999	615.8	F1	mg/Kg		62	70 - 130	

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 69 S1-70 - 130 o-Terphenyl (Surr) 65 S1-70 - 130

Lab Sample ID: 890-7984-A-1-E MSD

Matrix: Solid

Analysis Batch: 108276

Client Sample	ID:	Matrix	Spike	Dupli	cate
		Dro	n Tuno	. Tota	I/NI A

Prep Type: Total/NA **Prep Batch: 108161**

Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics <50.0 U 999 871.5 87 70 - 130 12 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U*+*1F1 999 660.0 F1 mg/Kg 66 70 - 130 7 20 C10-C28)

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	73		70 - 130
o-Terphenyl (Surr)	68	S1-	70 - 130

MSD MSD

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108264/1-A **Client Sample ID: Method Blank Matrix: Solid Prep Type: Soluble**

Analysis Batch: 108284

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			04/22/25 08:35	1

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QC Sample Results

Client: TRC Solutions, Inc. Job ID: 890-8013-1 SDG: 650142 Project/Site: YOUNGER JUNCTION

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-108264/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 108284

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit Limits D %Rec Chloride 250 256.5 mg/Kg 103 90 - 110

Lab Sample ID: LCSD 880-108264/3-A Client Sample ID: Lab Control Sample Dup Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 108284

Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 250 266.9 90 - 110 Chloride mg/Kg 107

Lab Sample ID: 890-8013-1 MS Client Sample ID: SW - 2W - 1

Matrix: Solid

Analysis Batch: 108284

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Limits Unit %Rec Chloride 121 251 370.3 90 - 110 mg/Kg

Lab Sample ID: 890-8013-1 MSD Client Sample ID: SW - 2W - 1 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 108284

Spike MSD MSD %Rec **RPD** Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 251 371.1 121 mg/Kg 100 90 - 110

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Prep Type: Soluble

QC Association Summary

Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1 SDG: 650142

GC VOA

Analysis Batch: 108178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8013-7	TB - 041725 - 1	Total/NA	Water	8021B	
MB 880-108178/39	Method Blank	Total/NA	Water	8021B	
MB 880-108186/5-A	Method Blank	Total/NA	Water	8021B	108186
LCS 880-108178/34	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-108178/35	Lab Control Sample Dup	Total/NA	Water	8021B	
880-56919-C-1 MS	Matrix Spike	Total/NA	Water	8021B	
880-56919-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

Analysis Batch: 108179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8013-1	SW - 2W - 1	Total/NA	Solid	8021B	108183
890-8013-2	SW - 2S - 1	Total/NA	Solid	8021B	108183
890-8013-3	BS - 2A - 2	Total/NA	Solid	8021B	108183
890-8013-4	BS - 2B - 2	Total/NA	Solid	8021B	108183
890-8013-5	BS - 2C - 2	Total/NA	Solid	8021B	108183
MB 880-108183/5-A	Method Blank	Total/NA	Solid	8021B	108183
LCS 880-108183/1-A	Lab Control Sample	Total/NA	Solid	8021B	108183
LCSD 880-108183/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108183
890-8013-1 MS	SW - 2W - 1	Total/NA	Solid	8021B	108183
890-8013-1 MSD	SW - 2W - 1	Total/NA	Solid	8021B	108183

Prep Batch: 108183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8013-1	SW - 2W - 1	Total/NA	Solid	5035	
890-8013-2	SW - 2S - 1	Total/NA	Solid	5035	
890-8013-3	BS - 2A - 2	Total/NA	Solid	5035	
890-8013-4	BS - 2B - 2	Total/NA	Solid	5035	
890-8013-5	BS - 2C - 2	Total/NA	Solid	5035	
MB 880-108183/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108183/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108183/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8013-1 MS	SW - 2W - 1	Total/NA	Solid	5035	
890-8013-1 MSD	SW - 2W - 1	Total/NA	Solid	5035	

Prep Batch: 108186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-108186/5-A	Method Blank	Total/NA	Water	5035	

Analysis Batch: 108312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8013-1	SW - 2W - 1	Total/NA	Solid	Total BTEX	
890-8013-2	SW - 2S - 1	Total/NA	Solid	Total BTEX	
890-8013-3	BS - 2A - 2	Total/NA	Solid	Total BTEX	
890-8013-4	BS - 2B - 2	Total/NA	Solid	Total BTEX	
890-8013-5	BS - 2C - 2	Total/NA	Solid	Total BTEX	
890-8013-7	TB - 041725 - 1	Total/NA	Water	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1

SDG: 650142

GC Semi VOA

Prep Batch: 108161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8013-1	SW - 2W - 1	Total/NA	Solid	8015NM Prep	
890-8013-2	SW - 2S - 1	Total/NA	Solid	8015NM Prep	
890-8013-3	BS - 2A - 2	Total/NA	Solid	8015NM Prep	
890-8013-4	BS - 2B - 2	Total/NA	Solid	8015NM Prep	
890-8013-5	BS - 2C - 2	Total/NA	Solid	8015NM Prep	
MB 880-108161/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108161/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108161/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7984-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7984-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 108276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8013-1	SW - 2W - 1	Total/NA	Solid	8015B NM	108161
890-8013-2	SW - 2S - 1	Total/NA	Solid	8015B NM	108161
890-8013-3	BS - 2A - 2	Total/NA	Solid	8015B NM	108161
890-8013-4	BS - 2B - 2	Total/NA	Solid	8015B NM	108161
890-8013-5	BS - 2C - 2	Total/NA	Solid	8015B NM	108161
MB 880-108161/1-A	Method Blank	Total/NA	Solid	8015B NM	108161
LCS 880-108161/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108161
LCSD 880-108161/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108161
890-7984-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	108161
890-7984-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	108161

Analysis Batch: 108415

Lab Sample ID 890-8013-1	Client Sample ID SW - 2W - 1	Prep Type Total/NA	Matrix Solid	Method 8015 NM	Prep Batch
890-8013-2	SW - 2S - 1	Total/NA	Solid	8015 NM	
890-8013-3	BS - 2A - 2	Total/NA	Solid	8015 NM	
890-8013-4	BS - 2B - 2	Total/NA	Solid	8015 NM	
890-8013-5	BS - 2C - 2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 108264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8013-1	SW - 2W - 1	Soluble	Solid	DI Leach	
890-8013-2	SW - 2S - 1	Soluble	Solid	DI Leach	
890-8013-3	BS - 2A - 2	Soluble	Solid	DI Leach	
890-8013-4	BS - 2B - 2	Soluble	Solid	DI Leach	
890-8013-5	BS - 2C - 2	Soluble	Solid	DI Leach	
MB 880-108264/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108264/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108264/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8013-1 MS	SW - 2W - 1	Soluble	Solid	DI Leach	
890-8013-1 MSD	SW - 2W - 1	Soluble	Solid	DI Leach	

Analysis Batch: 108284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8013-1	SW - 2W - 1	Soluble	Solid	300.0	108264
890-8013-2	SW - 2S - 1	Soluble	Solid	300.0	108264

QC Association Summary

Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1
SDG: 650142

HPLC/IC (Continued)

Analysis Batch: 108284 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8013-3	BS - 2A - 2	Soluble	Solid	300.0	108264
890-8013-4	BS - 2B - 2	Soluble	Solid	300.0	108264
890-8013-5	BS - 2C - 2	Soluble	Solid	300.0	108264
MB 880-108264/1-A	Method Blank	Soluble	Solid	300.0	108264
LCS 880-108264/2-A	Lab Control Sample	Soluble	Solid	300.0	108264
LCSD 880-108264/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108264
890-8013-1 MS	SW - 2W - 1	Soluble	Solid	300.0	108264
890-8013-1 MSD	SW - 2W - 1	Soluble	Solid	300.0	108264

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Job ID: 890-8013-1

SDG: 650142

Client Sample ID: SW - 2W - 1

Date Collected: 04/17/25 14:31 Date Received: 04/18/25 08:08 Lab Sample ID: 890-8013-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108183	04/21/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108179	04/21/25 13:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108312	04/21/25 13:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			108415	04/23/25 02:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108161	04/20/25 19:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108276	04/23/25 02:01	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108264	04/22/25 08:00	SA	EET MID
Soluble	Analysis	300.0		1			108284	04/22/25 09:20	CH	EET MID

Client Sample ID: SW - 2S - 1 Lab Sample ID: 890-8013-2 Date Collected: 04/17/25 14:15

Date Received: 04/18/25 08:08

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 5035 108183 04/21/25 09:09 AA EET MID Prep 4.98 g 5 mL 8021B Total/NA 5 mL 108179 04/21/25 14:02 MNR **EET MID** Analysis 5 mL 1 Total/NA Total BTEX Analysis 108312 04/21/25 14:02 SM **EET MID** 1 Total/NA 8015 NM 04/23/25 02:22 SM **EET MID** Analysis 1 108415 Total/NA Prep 8015NM Prep 10.04 g 10 mL 108161 04/20/25 19:33 EL **EET MID** Total/NA 8015B NM 04/23/25 02:22 AJ Analysis 1 uL 1 uL 108276 **EET MID** Soluble 5.03 g 50 mL 04/22/25 08:00 SA Leach DI Leach 108264 **EET MID** 300.0 04/22/25 09:43 CH Soluble Analysis 1 108284 **EET MID**

Client Sample ID: BS - 2A - 2 Lab Sample ID: 890-8013-3 Date Collected: 04/17/25 14:18 **Matrix: Solid**

Date Received: 04/18/25 08:08

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108183	04/21/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108179	04/21/25 14:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108312	04/21/25 14:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			108415	04/23/25 02:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108161	04/20/25 19:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108276	04/23/25 02:43	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	108264	04/22/25 08:00	SA	EET MID
Soluble	Analysis	300.0		1			108284	04/22/25 09:50	CH	EET MID

Client Sample ID: BS - 2B - 2 Lab Sample ID: 890-8013-4 Date Collected: 04/17/25 14:22 Matrix: Solid

Date Received: 04/18/25 08:08

Released to Imaging: 7/31/2025 3:06:40 PM

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	108183	04/21/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108179	04/21/25 14:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108312	04/21/25 14:43	SM	EET MID

Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1

SDG: 650142

Client Sample ID: BS - 2B - 2

Date Collected: 04/17/25 14:22 Date Received: 04/18/25 08:08

Lab Sample ID: 890-8013-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108415	04/23/25 03:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108161	04/20/25 19:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108276	04/23/25 03:03	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108264	04/22/25 08:00	SA	EET MID
Soluble	Analysis	300.0		1			108284	04/22/25 09:58	CH	EET MID

Client Sample ID: BS - 2C - 2 Lab Sample ID: 890-8013-5 Date Collected: 04/17/25 14:27 **Matrix: Solid**

Date Received: 04/18/25 08:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108183	04/21/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108179	04/21/25 15:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108312	04/21/25 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			108415	04/23/25 03:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108161	04/20/25 19:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108276	04/23/25 03:23	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108264	04/22/25 08:00	SA	EET MID
Soluble	Analysis	300.0		1			108284	04/22/25 10:05	CH	EET MID

Lab Sample ID: 890-8013-7 Client Sample ID: TB - 041725 - 1

Date Collected: 04/17/25 00:00

Date Received: 04/18/25 08:08

Prep Type Total/NA	Batch Type Analysis	Batch Method 8021B	Run	Dil Factor	Initial Amount 5 mL	Final Amount 5 mL	Batch Number 108178	Prepared or Analyzed 04/22/25 02:24	Analyst MNR	Lab EET MID
Total/NA	Analysis	Total BTEX		1			108312	04/22/25 02:24	SM	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

Matrix: Water

Accreditation/Certification Summary

Client: TRC Solutions, Inc.

Job ID: 890-8013-1

Project/Site: YOUNGER JUNCTION

SDG: 650142

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date		
exas	NELAF)	T104704400	06-30-25		
The following analyte	s are included in this repo	rt, but the laboratory is r	not certified by the governing authori	ity. This list may include an		
0 ,	does not offer certification					
for which the agency Analysis Method	does not offer certification Prep Method	Matrix	Analyte			
0 ,			Analyte Total TPH			
Analysis Method		Matrix				

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Method Summary

Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1

SDG: 650142

Method	Method Description	Protocol	Laboratory
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 MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
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 MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

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Sample Summary

Client: TRC Solutions, Inc.

Project/Site: YOUNGER JUNCTION

Job ID: 890-8013-1

SDG: 650142

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8013-1	SW - 2W - 1	Solid	04/17/25 14:31	04/18/25 08:08	1
890-8013-2	SW - 2S - 1	Solid	04/17/25 14:15	04/18/25 08:08	1
890-8013-3	BS - 2A - 2	Solid	04/17/25 14:18	04/18/25 08:08	2
890-8013-4	BS - 2B - 2	Solid	04/17/25 14:22	04/18/25 08:08	2
890-8013-5	BS - 2C - 2	Solid	04/17/25 14:27	04/18/25 08:08	2
890-8013-7	TB - 041725 - 1	Water	04/17/25 00:00	04/18/25 08:08	

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Environment Testing

Xenco

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

Work	Order	NO.	

Project Manager:	0 -																	V	vww.	xenco	.COIII	Page _	of_	
Troject Manager.	Bryan	Gilla	ort		Bill to: (if	different)								74				Wo	rk Ord	der Co	mments		
Company Name:	TRC				Company										7 [Progran	n:	JST/PST	F	PRP _	Bro	wnfields 🗌	RRC S	uperfund _
Address:	505 E. Hu	Han	d Suit	te 750	Address:											State of	f Proje	ct:						
City, State ZIP:	Austin,				City, Stat									-		Reporti	ng: L	evel II [] Le	vel III] F	ST/UST 🗌	TRRP 🔲 I	Level IV
	512.32	9.6	080	Fmail:	bgil		10	to	cco	mpa	nies		om	-	7	Deliver	ables:	EDD			ADaF	т 🗆 о	her:	
Phone:						00,																		1
Project Name:	Younger	June	tion		Around		Pres.	No	414	NO			ANALY	SIS RE	QUES	<u> </u>			т			<u> </u>	vative Coo	
Project Number:	6501			Routine	Rush		Code	No		20			-		-		-		-			None: NO		Vater: H ₂ O
Project Location:	Loco Hil	15,	NM	Due Date:	48 h				(GRO MRO ORD)													Cool: Cool		OH: Me
Sampler's Name:	Nikki D	one	Jan	TAT starts the the lab, if rec					180				1100	11:11:01:11		Hillionelli			, III			HCL: HC H ₂ SO ₄ : H ₂) ₃ : HN H: Na
PO #:	2301		0		1 6		ers	_	-													H ₃ PO ₄ : HP	Nuo	11.114
SAMPLE RECEIPT	Temp B		Yes No	Wet Ice:	Ye	NO (100)	Parameters	20	3	300		-										NaHSO 4: NA	ARIS	
Samples Received Inta Cooler Custody Seals:		No (N/)	Thermometer Correction F		70.		Para	8	N	a		- 1							l			Na ₂ S ₂ O ₃ : Na		
Sample Custody Seals:		7	Temperature		4				108	de			890	-8013	Chair	of Cu	stody	'			_	Zn Acetate+		
Total Containers:			Corrected Te		b .	%		S S		.5			- 1	- 1	- 1	- 1	- 1	1	1	- 1		NaOH+Asco	rbic Acid: S	APC
Sample Identi	fication	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Q+	1	Chloride												Samp	e Comme	nts
SW -2W -	. 1	5	4.17.25	1431	1	C	1	X	X	×														
SW -25 -		S	4.17.25		1	C		×	X	X														
BS-2A-		5	4.17.25	1418	2	C	1	×	X	×										- 11				
B5-2B-	- Z	5	4.17.25	1422	2	C	1	×	×	×														
B5-2C-	- 2	5	4.17.25	1427	2	C	1	X	X	X						_		_	\Rightarrow					
TB -0417	25-1	W	4.17.25	0000			3	×																
											1													
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Total 200.7 / 601 Circle Method(s) a				RCRA 13PF TCLP/S	PM Texa																	TI Sn U V / 7470 / 74		
Notice: Signature of this docu of service. Eurofins Xenco wi of Eurofins Xenco. A minimu	ill be liable only for the o	ost of sam	ples and shall not	assume any respo	onsibility for a	ny losses o	or expens	es incurr	ed by the	e client if	such losse	es are du	e to circu	mstances	s beyond	the cont	rol	d.						
Relinguished by:				y: (Signatur				Date/					hed by					Receive	d by:	: (Sign	ature)	Date/Tin	ne
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5											6													

Received by OCD: 6/12/2025 1:07:43 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	
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Environment Testing

6/10/2025 (Rev. 1)

Page 29 of 31

Client Information (Sub Contract Lab)	Sampler: N/A				PM: imer, Jo	essica					Ca N/	mier Tracki A	ng No(s):		COC No: 890-4948.1			
Client Contact:	Phone:			E-M	ail:				_		Sta	te of Origin	1:		Page:			
Shipping/Receiving	N/A			Jes	sica.Kı	ramer ditation					Te	xas			Page 1	of 1		
Company: Eurofins Environment Testing South Centr						AP - T			ее по	te).					890-80	13-1		
Address: 1211 W. Florida Ave,	Due Date Requeste 4/22/2025	ed:							An	alysis	Requi	ested			Preserv	ation Code	98:	
City:	TAT Requested (da	ays):								uly 515	requi	July						
Midland		N/A											11					
State, Zip. TX, 79701							Σ											
Phone: 432-704-5440(Tel)	PO #: N/A						TPH 8015 NM	80										
Email:	WO #:				2	15	F	hlori							T)			
N/A Project Name:	N/A Project #:				_	\$ P	Prep	SHO							200			
YOUNGER JUNCTION	89000189					TEX	8	LEAC										
Site [·] N/A	SSOW#: N/A	SSOW#: N/A				Calc B	/8015N	iQ/Q		>					Other: N/A			
		Sample	Sample Type (C=comp,	Matrix (W=water, S=solid, D=waste/oll,	riorm MS/W	8021B/5035FP_Calc BTEX	8015MOD_NM/8015NM_S_Prep	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_Calc	Total_BTEX_GCV					Munda Munda			1
Sample Identification - Client ID (Lab ID)	Sample Date	Time	G=grab) вт			80	8	30	8	<u>P</u>					S	pecial Ins	tructions/N	ote:
		14:31	Preservation	<u> </u>	Y											and and		Park Server
SW - 2W - 1 (890-8013-1)	4/17/25	Central 14:15	G	Solid	11	X	Х	\rightarrow	-	Х		+	++	2	<u>J</u>			
SW - 2S - 1 (890-8013-2)	4/17/25	Central	G	Solid	Ш	Х	Х	Х	X	х	\perp	—	\perp		1			
BS - 2A - 2 (890-8013-3)	4/17/25	14:18 Central	G	Solid	Ш	X	Х	Х	X	Х			\perp		1			
BS - 2B - 2 (890-8013-4)	4/17/25	14:22 Central	G	Solid	Ш	X	Х	Х	Х	Х					1			
BS - 2C - 2 (890-8013-5)	4/17/25	14:27 Central	G	Solid	Ш	х	х	х	х	х					1			
TB - 041725 - 1 (890-8013-6)	4/17/25	Central	G	Solid	₩	X				×	-	++	+		3			
					廿													
					Ш													
Note: Since laboratory accreditations are subject to change, Eurofins Envi laboratory does not currently maintain accreditation in the State of Origin accreditation status should be brought to Eurofins Environment Testing S	listed above for analysis/tests	s/matrix being	analyzed, the sar	ples must	be shipp	ed bac	k to the	e Eurof	fins En	vironmen	Testing	South Cent	ral, LLC lal	boratory or	other instruct	ions will be p	rovided. Any o	changes to
Possible Hazard Identification					Si	ample	Disp	osal	(Af	ee may					ined long	er than 1 i	month)	
Unconfirmed								To C	_	L		osal By	Lab	L Ar	chive For		Months	
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliver	able Rank:	2		S	pecial	Instr	uction	is/QC	Requir	ements							
Empty Kit Relinquished by:		Date:			Time							Method	of Shipmer					
Relinquished by:	Date/Time:		Co	mpany		Rec	eived b	1/2		9			Date/Ti				Company	
Relinquished by:	Date/Time:		Co	mpany		Rec	eived b	y:					Date/Ti	me:			Company	
Relinquished by:	Date/Time:		Co	mpany		Rec	eived b	y:					Date/Ti	me:			Company	
Custody Seals Intact: Custody Seal No.:						Coo	Cooler Temperature(s) °C and Ot					Other Remarks: 38/3.7						

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 890-8013-1 SDG Number: 650142

List Source: Eurofins Carlsbad

Login Number: 8013 List Number: 1

Creator: Bruns, Shannon

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

Job Number: 890-8013-1 SDG Number: 650142

Login Number: 8013 List Source: Eurofins Midland
List Number: 2 List Creation: 04/20/25 06:56 PM

Creator: Laing, Edmundo

Client: TRC Solutions, Inc.

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	N/A	
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	

6/10/2025 (Rev. 1)



Site: Holly Younger Junction

Location: Loco Hills, NM

Client Name: HF SinclairMidstream

Project #: 650142

Laboratory: Eurofins Environment Testing, Midland, TX

Lab Report #: 890-8013-1 (Revision 1)

Reviewer: Nancy Bergstrom Peer Reviewer: Elizabeth Denly

Review Date: 6/10/2025

Analytical Method(s):

-Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) with Benzene, Toluene, Ethylbenzene, m,p-Xylenes, o-Xylene, and Xylenes, Total by SW-846 Method 8021B -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

Matrices Sampled:

Soil and 1 aqueous QC sample

Sample Collection Date(s): 4/17/2025

Sampling Objective(s):

Release Response Investigation

Sample IDs (List IDs or attach COC):

SW-2W-1, SW-2S-1, BS-2A-2, BS-2B-2, BS-2C-2, TB-041725-1

Revi	Review Item or Question		N	NA	Comments ^a (please add comment for each item with a checked shaded box)							
Chain-of-Custody and Data Completeness												
1	Was COC appropriately completed?	Х										
2	Did the laboratory report correct sample IDs?	х										
3	Do the laboratory reported sample collection dates and times agree with the COC forms?	Х										
4	Are results reported for all analytical methods requested?	Х										



Revie	ew Item or Question	Y	N	NA	Comments ^a (please add comment for each item with a checked shaded box)
5	Are results reported for all samples submitted for analysis?	Х			
6	Were the requested analytical methods used?	Χ			
7	Are results reported for all target analytes, but no additional analytes?	Х			
8	SOIL/SEDIMENT ONLY: Were soil/sediment results reported on a dry weight basis?		Х		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?		Х		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?	Х			
Sampl	e Preservation				
11a	Did samples arrive at the laboratory appropriately preserved?	Х			
11b	Was the cooler temperature between 0-6°C?	Х			
11c	Was acid used for preservation when required (e.g., aqueous VOC and metals samples)?	Х			
11d	SOIL/SEDIMENT ONLY: Were soil/sediment VOC samples preserved in the field or collected in EnCore® samplers?		Х		All samples were received 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.)?	Х			
	Were any issues noted by the laboratory upon receipt?		Х		
14a	AIR ONLY: Were canisters received with an acceptable vacuum?			Х	



			1	Ī	T The state of the			
Review Item or Question		Y	N	NA	Commentsa (please add comment for each item with a checked shaded box)			
	AIR ONLY: Were the RPDs between the initial and final canister flow controller calibrations <20?			Х				
Holding								
	Were sample preparation and analysis holding ime requirements met?	Х						
Reporti	ng Limits							
	Do the reporting limits meet the project specifications (e.g., QAPP or Work Plan)?	Х						
47 8	Were dilutions performed? If so, note sample(s) and parameters(s) affected and the dilution factor(s).		Х					
	Did the laboratory provide an adequate explanation as to why dilutions were performed?			Х				
QC Re	esults							
Blanks)							
\ k	Were target analytes detected in the method planks? If yes, list contaminants, concentrations detected and associated samples.		Х					
	Does each analytical or preparation batch have ts own method blank?	Х						
21) 21 (8	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).		Х		Trip Blank sample TB-041725-1 was submitted with this data set for BTEX analysis.			
	Are there any potential false positive results pased on questions 19 and/or 21?		Х					
Laborat	tory Control Spikes ^c							



Revi	Review Item or Question		N	NA	Comments ^a (please add comment for each item with a checked shaded box)				
23	Are LCS/LCSD recoveries within QC limits? If no, list analytes affected, the LCS/LCSD recoveries, and the affected samples.		х		The LCSD percent recovery (%R) for DRO (145%) in TPH batch 108161 was above the laboratory control limits (70-130%). The positive DRO and total TPH results in samples BS-2A-2, BS-2B-2, and BS-2C-2 may be considered estimated (J). The nondetect results for DRO and Total TPH in samples SW-2W-1 and SW-2S-1 did not require qualification.				
24	Does each analytical or preparation batch have its own LCS?	Х			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.		х		The LCS/LCSD RPD for DRO (30%) in TPH batch 108161 was above the laboratory control limit (20). The positive DRO and total TPH results in samples BS-2A-2, BS-2B-2, and BS-2C-2 may be considered estimated (J). The nondetect results for DRO and total TPH in samples SW-2W-1 and SW-2S-1 did not require qualification.				
Matrix	Spikes ^c Note: If not performed on a proje	ect sam	ple, eval	uation i					
26	Are MS/MSD recoveries within QC limits? If no, list analytes affected, the MS/MSD recoveries and the sample that was spiked.		х		MS/MSD analyses were performed on the following sample from this data set: -SW-2W-1 for BTEX and chloride The MS %R for benzene (192%), the MS/MSD recoveries for m,p-xylenes (354%/240%), the MS/MSD recoveries for o-xylene (373%/252%), and the MS recovery for ethylbenzene (187%) were above the laboratory control limits (70-130%). The MSD %R for benzene (48%) was below the laboratory control limits (70-130%). The nondetect results for benzene and total BTEX in sample SW-2W-1 may be considered estimated (UJ). The nondetect results for ethylbenzene, m,p-xylenes, and o-xylene in sample SW-2W-1 did not require qualification.				
27	Are MS/MSD RPDs within QC limits? If no, list analytes affected, the RPDs and the sample that was spiked.		Х		The MS/MSD RPDs for benzene (120%), ethylbenzene (39%), m,p-xylenes (38%), and o-xylene (39%) were above the laboratory control limits (35% for each analyte). The nondetect results for benzene, ethylbenzene, m,p-xylenes, and o-xylene in sample SW-2W-1 did not require qualification.				

ECR Practice November 2022



Review Item or Question		Υ	N	NA	Commentsa (please add comment for each item with a checked shaded box)				
28	ORGANIC ANALYSES ONLY: Are surrogate recoveries within QC limits? If no, list samples, surrogate recoveries and analytes affected.		X		The surrogate percent recovery (%R) for 4-bromofluorobenzene (257%) was above the laboratory control limits (70-130%) in sample SW-2W-1. The nondetect results for all BTEX analytes and total BTEX in sample SW-2W-1 did not require qualification. The surrogate %Rs for 4-bromofluorobenzene (260%) and 1,4-difluorobenzene (131%) were above the laboratory control limits (70-130%) in sample BS-2A-2. The positive result for o-xylene in sample BS-2A-2 may be considered estimated (J+) with a potential high bias. The nondetect results for benzene, toluene, ethylbenzene, m,p-xylenes, xylenes, total, and total BTEX did not require qualification. The surrogate %R for 4-bromofluorobenzene (309%) was above the laboratory control limits (70-130%) in sample BS-2B-2. The positive results for ethylbenzene, m,p-xylenes, o-xylene, xylenes, total, and total BTEX in sample BS-2B-2 may be considered estimated (J+) with a potential high bias. The nondetect results for benzene and toluene did not require qualification. The surrogate %R for 4-bromofluorobenzene (66%) was below the laboratory control limits (70-130%) in sample BS-2C-2. The positive results for m,p-xylenes, o-xylene, xylenes, total, and total BTEX in sample BS-2C-2 may be considered estimated (J-) with a potential low bias. The nondetect results for benzenze, toluene, and ethylbenzene in sample BS-2C-2 may be considered estimated (UJ). The surrogate %Rs for 1-chlorooctane (66%) and o-terphenyl (66%) were below the laboratory control limits (70-130%) in sample SW-2S-1. The nondetect results for GRO, DRO, ORO, and total TPH in sample SW-2S-1 may be considered estimated (UJ).				
Duplic	ates ^c Note: If not performed on a proj	ect san	nple, eval	uation i	s not required.				
29	Are laboratory duplicate RPDs within QC limits? If no, list analytes affected, the RPDs and the sample that was prepared/analyzed in duplicate.			х	Laboratory duplicate analyses were not performed on a sample from this data set.				



Revie	ew Item or Question	Υ	N	NA	Comments ^a (please add comment for each item with a checked shaded box)
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.			х	Field duplicate samples were not submitted with this data set.
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).		х		
	Were any other potential data quality issues identified? If yes, describe issues.		Х		
	Do any results look questionable? If yes, ASK THE LAB.		Х		
34	Has the EDD been compared to the lab report?	Х			

Additional Comments:

The laboratory report was revised to provide the COC between the Carlsbad, NM and Midland, TX facilities and include the correct Login Sample Receipt Checklist from the Midland, TX facility.

Notes:

After data tables are created, check that reporting limits are below the project action levels (e.g., screening criteria, remediation standards, etc.) and compare data with historical results, if applicable. List any findings from this evaluation, when applicable, in the Additional Comments box above.

- a Comments generally need to be addressed in the TRC deliverable presenting the laboratory data, but this will be dependent on project requirements.
- b Check if local or regional criteria for blank assessments are available; these will supersede criteria in this checklist.
- c Use QC limits in QAPP, if available. If not, use QC limits provided by laboratory in data package.



Review Item or Question

Y

N

NA

Comments^a
(please add comment for each item with a checked shaded box)

The EPA Superfund Contract Laboratory Program (CLP) National Functional Guidelines (NFGs) for Data Review (November, 2020) or most recent version found here:

https://www.epa.gov/clp/superfund-clp-national-functional-guidelines-data-review

are typically used for data review guidelines when other project or state/regulatory data review guidance is not available. Project and state/regulatory data review guidance should be used and cited when applicable.

Abbreviations:

BTEX Benzene, Toluene, Ethylbenzene, Xylenes

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

MS/MSD Matrix Spike / Matrix Spike Duplicate

ORO Oil Range Organics

QAPP Quality Assurance Project Plan

QC Quality Control

RPD Relative Percent Difference
TPH Total Petroleum Hydrocarbons
VOC Volatile Organic Compound

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Bryan Gilbert TRC Solutions, Inc. 10 Desta Drive Suite #410E Midland, Texas 79705

Generated 6/10/2025 8:56:24 AM Revision 1

JOB DESCRIPTION

Younger Junction 650142

JOB NUMBER

890-8038-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220



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 6/10/2025 8:56:24 AM Revision 1

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Released to Imaging: 7/31/2025 3:06:40 PM

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Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Laboratory Job ID: 890-8038-1

SDG: 650142

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 890-8038-1 Project/Site: Younger Junction

SDG: 650142

Qualifiers

GC VOA

Qualifier **Qualifier Description**

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**

F1 MS and/or MSD recovery exceeds control limits. U Indicates the analyte was analyzed for but not detected.

Glossary

EDL

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

Duplicate Error Ratio (normalized absolute difference) **DER**

Dil Fac **Dilution Factor**

Detection Limit (DoD/DOE) DL

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)

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) Minimum Detectable Concentration (Radiochemistry) MDC

MDL Method Detection Limit Minimum Level (Dioxin) ML MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RI 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.

Job ID: 890-8038-1

Project: Younger Junction

Job ID: 890-8038-1 Eurofins Carlsbad

Job Narrative 890-8038-1

REVISION

The report being provided is a revision of the original report sent on 4/29/2025. The report (revision 1) is being revised due to Interoffice paperwork missing on final report..

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 4/25/2025 4:35 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 8.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BS-3A (890-8038-1), SW-3E (890-8038-2), SW3N (890-8038-3) and BS-2D (890-8038-4).

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: (LCS 880-108898/2-A) and (LCSD 880-108898/3-A). 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 880-108902 and analytical batch 880-108916 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.

Eurofins Carlsbad

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Client: TRC Solutions, Inc.

Draight/Site: Younger Junetice

SDC: 650143

Project/Site: Younger Junction SDG: 650142

Client Sample ID: BS-3A Lab Sample ID: 890-8038-1

Date Collected: 04/25/25 13:50 Matrix: Solid
Date Received: 04/25/25 16:35

Sample Depth: 5FT

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/29/25 08:40	04/29/25 11:39	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/29/25 08:40	04/29/25 11:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/29/25 08:40	04/29/25 11:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/29/25 08:40	04/29/25 11:39	1
o-Xylene	0.00478		0.00200	mg/Kg		04/29/25 08:40	04/29/25 11:39	1
Xylenes, Total	0.00478		0.00401	mg/Kg		04/29/25 08:40	04/29/25 11:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			04/29/25 08:40	04/29/25 11:39	1
1,4-Difluorobenzene (Surr)	102		70 - 130			04/29/25 08:40	04/29/25 11:39	1
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00478		0.00401	mg/Kg			04/29/25 11:39	1
Method: SW846 8015 NM - Di Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	73.9		50.0	mg/Kg			04/29/25 10:35	1
Method: SW846 8015B NM - I	Diesel Range	organics	(DRO) (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/28/25 16:59	04/29/25 10:35	1
Diesel Range Organics (Over C10-C28)	73.9		50.0	mg/Kg		04/28/25 16:59	04/29/25 10:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/28/25 16:59	04/29/25 10:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			04/28/25 16:59	04/29/25 10:35	1
o-Terphenyl	99		70 - 130			04/28/25 16:59	04/29/25 10:35	1
Method: EPA 300.0 - Anions,	Ion Chroma	tography -	Soluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
7 thury to							· ····· , _ · · ·	J uo

Client Sample ID: SW-3E

Date Collected: 04/25/25 13:55

Lab Sample ID: 890-8038-2

Matrix: Solid

10.1

mg/Kg

178

Date Received: 04/25/25 16:35

Sample Depth: 2.5FT

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/29/25 08:40	04/29/25 12:00	1
Toluene	< 0.00199	U	0.00199	mg/Kg		04/29/25 08:40	04/29/25 12:00	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		04/29/25 08:40	04/29/25 12:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/29/25 08:40	04/29/25 12:00	1
o-Xylene	< 0.00199	U	0.00199	mg/Kg		04/29/25 08:40	04/29/25 12:00	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/29/25 08:40	04/29/25 12:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			04/29/25 08:40	04/29/25 12:00	

Eurofins Carlsbad

04/29/25 10:27

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Client: TRC Solutions, Inc. Job ID: 890-8038-1

Project/Site: Younger Junction SDG: 650142

Client Sample ID: SW-3E Lab Sample ID: 890-8038-2 Matrix: Solid

Date Collected: 04/25/25 13:55 Date Received: 04/25/25 16:35 Sample Depth: 2.5FT

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

Surrogate %Recovery Qualifier I imits Prepared Analyzed Dil Fac 04/29/25 08:40 04/29/25 12:00 70 - 130 1,4-Difluorobenzene (Surr)

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 04/29/25 12:00

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

Result Qualifier Unit D Prepared Analyzed Dil Fac **Total TPH** 107 49.8 mg/Kg 04/29/25 10:50

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

Result Qualifier D Dil Fac **Analyte** Unit Prepared Analyzed <49.8 U 49.8 04/28/25 16:59 04/29/25 10:50 Gasoline Range Organics mg/Kg (GRO)-C6-C10 **Diesel Range Organics (Over** 49.8 mg/Kg 04/28/25 16:59 04/29/25 10:50 107 C10-C28) Oil Range Organics (Over C28-C36) 49.8 04/28/25 16:59 04/29/25 10:50 <49.8 U mg/Kg

Dil Fac Surrogate %Recovery Qualifier Limits Prepared Analyzed 1-Chlorooctane 97 70 - 130 04/28/25 16:59 04/29/25 10:50 o-Terphenyl 101 70 - 130 04/28/25 16:59 04/29/25 10:50

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier Analyte RL Unit Prepared Analyzed Dil Fac Chloride 325 10.1 mg/Kg 04/29/25 10:33

Client Sample ID: SW3N Lab Sample ID: 890-8038-3 Matrix: Solid

Date Collected: 04/25/25 14:05 Date Received: 04/25/25 16:35

Sample Depth: 2.5FT

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

Analyte Result Qualifier RI Unit D Prepared Dil Fac Analyzed Benzene < 0.00199 U 0.00199 mg/Kg 04/29/25 08:40 04/29/25 12:20 Toluene <0.00199 U 0.00199 mg/Kg 04/29/25 08:40 04/29/25 12:20 Ethylbenzene <0.00199 U 0.00199 mg/Kg 04/29/25 08:40 04/29/25 12:20 m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg 04/29/25 08:40 04/29/25 12:20 o-Xylene <0.00199 U 0.00199 mg/Kg 04/29/25 08:40 04/29/25 12:20 Xylenes, Total <0.00398 U 0.00398 mg/Kg 04/29/25 08:40 04/29/25 12:20 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac

70 - 130 04/29/25 08:40 4-Bromofluorobenzene (Surr) 103 04/29/25 12:20 1,4-Difluorobenzene (Surr) 93 70 - 130 04/29/25 08:40 04/29/25 12:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte Result Qualifier RL Unit D Analyzed Dil Fac Prepared Total BTEX <0.00398 U 0.00398 mg/Kg 04/29/25 12:20

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

Analyte Result Qualifier Unit Prepared Analyzed Dil Fac **Total TPH** 719 50.0 mg/Kg 04/29/25 10:35

Job ID: 890-8038-1

SDG: 650142

Client Sample ID: SW3N

Project/Site: Younger Junction

Client: TRC Solutions, Inc.

Date Collected: 04/25/25 14:05

Date Received: 04/25/25 16:35

Sample Depth: 2.5FT

Lab Sample ID: 890-8038-3

Matrix: Solid

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 17:06	04/29/25 10:35	1
Diesel Range Organics (Over C10-C28)	719		50.0	mg/Kg		04/28/25 17:06	04/29/25 10:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/28/25 17:06	04/29/25 10:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130			04/28/25 17:06	04/29/25 10:35	1
o-Terphenyl	111		70 - 130			04/28/25 17:06	04/29/25 10:35	1
Method: EPA 300.0 - Anions,	Ion Chroma	tography -	Soluble					
		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	IXL	Oilit		ricparca	Allalyzea	Diriac

Client Sample ID: BS-2D Lab Sample ID: 890-8038-4 Date Collected: 04/25/25 14:15 **Matrix: Solid**

Date Received: 04/25/25 16:35

Sample Depth: 2FT

Method: SW846 8021B - Volati	ile Organic	Compound	is (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/29/25 08:40	04/29/25 12:41	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/29/25 08:40	04/29/25 12:41	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/29/25 08:40	04/29/25 12:41	1
m-Xylene & p-Xylene	< 0.00396	U	0.00396	mg/Kg		04/29/25 08:40	04/29/25 12:41	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/29/25 08:40	04/29/25 12:41	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/29/25 08:40	04/29/25 12:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			04/29/25 08:40	04/29/25 12:41	1
1,4-Difluorobenzene (Surr)	97		70 - 130			04/29/25 08:40	04/29/25 12:41	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			04/29/25 12:41	1
- Method: SW846 8015 NM - Die	sel Range	Organics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	370		49.8	mg/Kg			04/29/25 10:50	1
- Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	П	49.8	mg/Kg		04/28/25 17:06	04/29/25 10:50	
	٧٠٠٥	U	49.0	mg/rtg		04/20/23 17:00	04/29/23 10.50	1
(GRO)-C6-C10 Diesel Range Organics (Over	370	Ü	49.8	mg/Kg			04/29/25 10:50	1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)							04/29/25 10:50	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	370	U	49.8	mg/Kg		04/28/25 17:06	04/29/25 10:50	1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	370 <49.8	U	49.8 49.8	mg/Kg		04/28/25 17:06 04/28/25 17:06	04/29/25 10:50 04/29/25 10:50	1

Client Sample Results

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 890-8038-1
SDG: 650142

Client Sample ID: BS-2D Lab Sample ID: 890-8038-4

Date Collected: 04/25/25 14:15

Date Received: 04/25/25 16:35

Matrix: Solid

Sample Depth: 2FT

Method: EPA 300.0 - Anions, Io	ethod: EPA 300.0 - Anions, Ion Chromatography - Soluble								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	295		9.90	mg/Kg			04/29/25 10:45	1	

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Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 890-8038-1 Project/Site: Younger Junction SDG: 650142

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

-			Perce	ent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-8038-1	BS-3A	113	102	
890-8038-1 MS	BS-3A	112	100	
890-8038-1 MSD	BS-3A	106	101	
890-8038-2	SW-3E	112	97	
890-8038-3	SW3N	103	93	
890-8038-4	BS-2D	107	97	
LCS 880-108915/1-A	Lab Control Sample	108	100	
LCSD 880-108915/2-A	Lab Control Sample Dup	108	100	
MB 880-108915/5-A	Method Blank	102	90	
Surrogate Legend				
BFB = 4-Bromofluorobe	enzene (Surr)			

DFBZ = 1,4-Difluorobenzene (Surr)

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

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

			Percent	Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7959-A-37-E MS	Matrix Spike	102	97	
890-7959-A-37-F MSD	Matrix Spike Duplicate	102	96	
890-7959-A-91-D MS	Matrix Spike	110	104	
890-7959-A-91-E MSD	Matrix Spike Duplicate	110	104	
890-8038-1	BS-3A	95	99	
890-8038-2	SW-3E	97	101	
890-8038-3	SW3N	92	111	
890-8038-4	BS-2D	95	104	
LCS 880-108896/2-A	Lab Control Sample	112	106	
LCS 880-108898/2-A	Lab Control Sample	167 S1+	153 S1+	
LCSD 880-108896/3-A	Lab Control Sample Dup	116	109	
LCSD 880-108898/3-A	Lab Control Sample Dup	167 S1+	153 S1+	
MB 880-108896/1-A	Method Blank	104	99	
MB 880-108898/1-A	Method Blank	108	104	

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl

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Job ID: 890-8038-1

SDG: 650142

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-108915/5-A

Matrix: Solid

Analysis Batch: 108906

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108915

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/29/25 08:40	04/29/25 11:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/29/25 08:40	04/29/25 11:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/29/25 08:40	04/29/25 11:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/29/25 08:40	04/29/25 11:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/29/25 08:40	04/29/25 11:18	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/29/25 08:40	04/29/25 11:18	1

MB MB

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	102	70 - 130
1,4-Difluorobenzene (Surr)	90	70 - 130

04/29/25 08:40 04/29/25 11:18 04/29/25 08:40 04/29/25 11:18

Prepared

Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 108906

Lab Sample ID: LCS 880-108915/1-A

Prep Type: Total/NA

Prep Batch: 108915

Analyzed

-	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1017		mg/Kg		102	70 - 130	
Toluene	0.100	0.09087		mg/Kg		91	70 - 130	
Ethylbenzene	0.100	0.09974		mg/Kg		100	70 - 130	
m-Xylene & p-Xylene	0.200	0.2051		mg/Kg		103	70 - 130	
o-Xylene	0.100	0.1043		mg/Kg		104	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-108915/2-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Solid

Analysis Batch: 108906

Prep Type: Total/NA **Prep Batch: 108915**

Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Benzene 0.100 0.1027 mg/Kg 103 70 - 130 35 Toluene 0.100 0.09395 mg/Kg 94 70 - 130 3 35 Ethylbenzene 0.100 0.1044 mg/Kg 104 70 - 130 5 35 m-Xylene & p-Xylene 0.200 0.2158 mg/Kg 108 70 - 130 35 0.100 0.1095 110 70 - 130 35 o-Xylene mg/Kg

LCSD LCSD

Surrogate	%Recovery Q	ualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-8038-1 MS

Matrix: Solid

Analysis Batch: 108906

Client Sample ID: BS-3A Prep Type: Total/NA

Prep Batch: 108915

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.09449		mg/Kg		94	70 - 130	
Toluene	<0.00200	U	0.100	0.08261		mg/Kg		83	70 - 130	

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QC Sample Results

Client: TRC Solutions, Inc. Job ID: 890-8038-1 SDG: 650142 Project/Site: Younger Junction

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

Lab Sample ID: 890-8038-1 MS Client Sample ID: BS-3A **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 108906 Prep Batch: 108915 MS MS %Rec Sample Sample Spike

Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00200	U	0.100	0.08464		mg/Kg		85	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1753		mg/Kg		86	70 - 130	
o-Xylene	0.00478		0.100	0.09415		mg/Kg		89	70 - 130	

MS MS Surrogate %Recovery Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 112 1,4-Difluorobenzene (Surr) 100 70 - 130

Lab Sample ID: 890-8038-1 MSD Client Sample ID: BS-3A Matrix: Solid Prep Type: Total/NA **Prep Batch: 108915**

Analysis Batch: 108906

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_	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09861		mg/Kg		99	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.08531		mg/Kg		85	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08759		mg/Kg		88	70 - 130	3	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1803		mg/Kg		89	70 - 130	3	35
o-Xylene	0.00478		0.100	0.09445		mg/Kg		90	70 - 130	0	35

MSD MSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 70 - 130 106 101 1,4-Difluorobenzene (Surr) 70 - 130

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

Lab Sample ID: MB 880-108896/1-A **Client Sample ID: Method Blank Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 108919** Prep Batch: 108896

MB MB Analyte Result Qualifier RL Unit **Prepared** Analyzed Dil Fac <50.0 U 50.0 04/28/25 16:45 04/29/25 02:28 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 04/28/25 16:45 04/29/25 02:28 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 04/28/25 16:45 04/29/25 02:28

MB MB Surrogate %Recovery Qualifier Limits Prepared Dil Fac Analyzed 70 - 130

1-Chlorooctane 04/28/25 16:45 04/29/25 02:28 104 70 - 130 04/28/25 16:45 04/29/25 02:28 o-Terphenyl 99

Lab Sample ID: LCS 880-108896/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 108919** Prep Batch: 108896

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits 1000 1115 111 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1021 mg/Kg 102 70 - 130 C10-C28)

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Job ID: 890-8038-1

SDG: 650142

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

Lab Sample ID: LCS 880-108896/2-A

Lab Sample ID: LCSD 880-108896/3-A

Lab Sample ID: 890-7959-A-37-E MS

Matrix: Solid

Analysis Batch: 108919

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108896

LCS LCS

%Recovery Qualifier Limits Surrogate 1-Chlorooctane 112 70 - 130 o-Terphenyl 106 70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 108919

Prep Type: Total/NA

Prep Batch: 108896

LCSD LCSD RPD %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 1153 mg/Kg 115 70 - 130 3 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1020 mg/Kg 102 70 - 130 0 20

C10-C28)

LCSD LCSD

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 116 70 - 130 70 - 130 o-Terphenyl 109

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Matrix: Solid Analysis Batch: 108919 Prep Batch: 108896 MS MS

%Rec

Sample Sample Spike Result Qualifier Added Result Qualifier Limits **Analyte** Unit D %Rec <49.9 U Gasoline Range Organics 999 1057 mg/Kg 106 70 - 130 (GRO)-C6-C10 999 Diesel Range Organics (Over <49.9 U 924.0 mg/Kg 92 70 - 130

C10-C28)

MS MS

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 102 70 - 130 o-Terphenyl 97 70 - 130

Lab Sample ID: 890-7959-A-37-F MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 108919

Prep Type: Total/NA

Prep Batch: 108896

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier RPD Added Result Qualifier Limits Limit **Analyte** Unit %Rec Gasoline Range Organics <49.9 U 999 1077 108 70 - 130 2 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 999 935.8 mg/Kg 94 70 - 130 20

C10-C28)

MSD MSD

%Recovery Qualifier Limits Surrogate 1-Chlorooctane 102 70 - 130 o-Terphenyl 96 70 - 130

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Job ID: 890-8038-1

SDG: 650142

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

Lab Sample ID: MB 880-108898/1-A

Lab Sample ID: LCS 880-108898/2-A

Lab Sample ID: LCSD 880-108898/3-A

Matrix: Solid

Analysis Batch: 108921

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108898

	MB	мв						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		04/28/25 16:46	04/29/25 02:28	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		04/28/25 16:46	04/29/25 02:28	1
C10-C28)								
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/28/25 16:46	04/29/25 02:28	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108	·	70 - 130	04/28/25 16:46	04/29/25 02:28	1
o-Terphenyl	104		70 - 130	04/28/25 16:46	04/29/25 02:28	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 108898

Matrix: Solid Analysis Batch: 108921 %Rec Spike LCS LCS

Analyte Added Result Qualifier Unit D %Rec Limits 1000 1113 111 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1079 108 mg/Kg 70 - 130 C10-C28)

LCS LCS

ICSD ICSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	167	S1+	70 - 130
o-Terphenyl	153	S1+	70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Batch: 108921 **Prep Batch: 108898**

	Spike		LCSD LCSD			%Rec			RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1103		mg/Kg		110	70 - 130	1	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1031		mg/Kg		103	70 - 130	5	20
C10 C28)									

C10-C28)

Matrix: Solid

	LCSD	LUJD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	167	S1+	70 - 130
o-Terphenyl	153	S1+	70 - 130

Lab Sample ID: 890-7959-A-91-D MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 108921	Sample	Sample	Spike	MS	MS				Prep Ba %Rec	tch: 108	3898
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	1065		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1091		mg/Kg		107	70 - 130		

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Prep Type: Total/NA

Released to Imaging: 7/31/2025 3:06:40 PM

Job ID: 890-8038-1

SDG: 650142

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

Lab Sample ID: 890-7959-A-91-D MS

Matrix: Solid

Analysis Batch: 108921

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

Prep Batch: 108898

MS MS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 110 70 - 130 o-Terphenyl 104 70 - 130

Lab Sample ID: 890-7959-A-91-E MSD **Client Sample ID: Matrix Spike Duplicate**

Matrix: Solid

Analysis Batch: 108921

Prep Type: Total/NA

Prep Batch: 108898

MSD MSD %Rec **RPD** Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit Limits RPD Limit Gasoline Range Organics <50.0 U 996 1046 105 70 - 130 2 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 996 1087 mg/Kg 107 70 - 130 0 20 C10-C28)

MSD MSD

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 110 70 - 130 104 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108902/1-A **Client Sample ID: Method Blank Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 108916

MB MB

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac 10.0 Chloride <10.0 U 04/29/25 09:16 mg/Kg

Lab Sample ID: LCS 880-108902/2-A

Matrix: Solid

Analysis Batch: 108916

Spike LCS LCS %Rec Analyte Added Result Qualifier %Rec Limits Unit 250 104 Chloride 259.1 mg/Kg 90 - 110

Lab Sample ID: LCSD 880-108902/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid**

Analysis Batch: 108916

Spike LCSD LCSD %Rec **RPD** Added Analyte Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 249.3 mg/Kg 100 90 - 110

Lab Sample ID: 880-57431-A-1-C MS **Client Sample ID: Matrix Spike Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 108916

Released to Imaging: 7/31/2025 3:06:40 PM

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 837 F1 251 1001 F1 90 - 110 mg/Kg 66

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Client Sample ID: Lab Control Sample Prep Type: Soluble

Prep Type: Soluble

QC Sample Results

Client: TRC Solutions, Inc.

Job ID: 890-8038-1
Project/Site: Younger Junction

SDG: 650142

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-57431-A-1-D MSD

Matrix: Solid

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analysis Batch: 108916

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	837	F1	251	972.2	F1	mg/Kg		54	90 - 110	3	20

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QC Association Summary

Job ID: 890-8038-1 Client: TRC Solutions, Inc. Project/Site: Younger Junction SDG: 650142

GC VOA

Analysis Batch: 108906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8038-1	BS-3A	Total/NA	Solid	8021B	108915
890-8038-2	SW-3E	Total/NA	Solid	8021B	108915
890-8038-3	SW3N	Total/NA	Solid	8021B	108915
890-8038-4	BS-2D	Total/NA	Solid	8021B	108915
MB 880-108915/5-A	Method Blank	Total/NA	Solid	8021B	108915
LCS 880-108915/1-A	Lab Control Sample	Total/NA	Solid	8021B	108915
LCSD 880-108915/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108915
890-8038-1 MS	BS-3A	Total/NA	Solid	8021B	108915
890-8038-1 MSD	BS-3A	Total/NA	Solid	8021B	108915

Prep Batch: 108915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8038-1	BS-3A	Total/NA	Solid	5035	
890-8038-2	SW-3E	Total/NA	Solid	5035	
890-8038-3	SW3N	Total/NA	Solid	5035	
890-8038-4	BS-2D	Total/NA	Solid	5035	
MB 880-108915/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108915/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108915/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8038-1 MS	BS-3A	Total/NA	Solid	5035	
890-8038-1 MSD	BS-3A	Total/NA	Solid	5035	

Analysis Batch: 108982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8038-1	BS-3A	Total/NA	Solid	Total BTEX	
890-8038-2	SW-3E	Total/NA	Solid	Total BTEX	
890-8038-3	SW3N	Total/NA	Solid	Total BTEX	
890-8038-4	BS-2D	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 108896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8038-1	BS-3A	Total/NA	Solid	8015NM Prep	
890-8038-2	SW-3E	Total/NA	Solid	8015NM Prep	
MB 880-108896/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108896/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108896/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7959-A-37-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7959-A-37-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 108898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8038-3	SW3N	Total/NA	Solid	8015NM Prep	
890-8038-4	BS-2D	Total/NA	Solid	8015NM Prep	
MB 880-108898/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108898/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108898/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7959-A-91-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7959-A-91-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 890-8038-1
SDG: 650142

GC Semi VOA

Analysis Batch: 108919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8038-1	BS-3A	Total/NA	Solid	8015B NM	108896
890-8038-2	SW-3E	Total/NA	Solid	8015B NM	108896
MB 880-108896/1-A	Method Blank	Total/NA	Solid	8015B NM	108896
LCS 880-108896/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108896
LCSD 880-108896/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108896
890-7959-A-37-E MS	Matrix Spike	Total/NA	Solid	8015B NM	108896
890-7959-A-37-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	108896

Analysis Batch: 108921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8038-3	SW3N	Total/NA	Solid	8015B NM	108898
890-8038-4	BS-2D	Total/NA	Solid	8015B NM	108898
MB 880-108898/1-A	Method Blank	Total/NA	Solid	8015B NM	108898
LCS 880-108898/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108898
LCSD 880-108898/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108898
890-7959-A-91-D MS	Matrix Spike	Total/NA	Solid	8015B NM	108898
890-7959-A-91-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	108898

Analysis Batch: 108978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8038-1	BS-3A	Total/NA	Solid	8015 NM	
890-8038-2	SW-3E	Total/NA	Solid	8015 NM	
890-8038-3	SW3N	Total/NA	Solid	8015 NM	
890-8038-4	BS-2D	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 108902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8038-1	BS-3A	Soluble	Solid	DI Leach	
890-8038-2	SW-3E	Soluble	Solid	DI Leach	
890-8038-3	SW3N	Soluble	Solid	DI Leach	
890-8038-4	BS-2D	Soluble	Solid	DI Leach	
MB 880-108902/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108902/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108902/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57431-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-57431-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 108916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8038-1	BS-3A	Soluble	Solid	300.0	108902
890-8038-2	SW-3E	Soluble	Solid	300.0	108902
890-8038-3	SW3N	Soluble	Solid	300.0	108902
890-8038-4	BS-2D	Soluble	Solid	300.0	108902
MB 880-108902/1-A	Method Blank	Soluble	Solid	300.0	108902
LCS 880-108902/2-A	Lab Control Sample	Soluble	Solid	300.0	108902
LCSD 880-108902/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108902
880-57431-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	108902
880-57431-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	108902

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Lab Oili

Job ID: 890-8038-1

SDG: 650142

Client Sample ID: BS-3A

Project/Site: Younger Junction

Client: TRC Solutions, Inc.

Date Collected: 04/25/25 13:50 Date Received: 04/25/25 16:35 Lab Sample ID: 890-8038-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108915	04/29/25 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108906	04/29/25 11:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108982	04/29/25 11:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			108978	04/29/25 10:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108896	04/28/25 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108919	04/29/25 10:35	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108902	04/28/25 18:07	SMC	EET MID
Soluble	Analysis	300.0		1			108916	04/29/25 10:27	CH	EET MID

Client Sample ID: SW-3E

Date Collected: 04/25/25 13:55

Lab Sample ID: 890-8038-2

Matrix: Solid

Date Received: 04/25/25 16:35

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 5035 108915 04/29/25 08:40 MNR EET MID Prep 5.02 g 5 mL Total/NA 8021B 5 mL 04/29/25 12:00 MNR **EET MID** Analysis 5 mL 108906 1 Total/NA Total BTEX Analysis 108982 04/29/25 12:00 SM **EET MID** 1 Total/NA 8015 NM **EET MID** Analysis 1 108978 04/29/25 10:50 SM Total/NA Prep 8015NM Prep 10.04 g 10 mL 108896 04/28/25 16:59 EL **EET MID** Total/NA 8015B NM 108919 Analysis 1 uL 1 uL 04/29/25 10:50 TKC **EET MID** Soluble 50 mL Leach DI Leach 4.96 g 108902 04/28/25 18:07 SMC **EET MID** 300.0 04/29/25 10:33 CH Soluble Analysis 1 108916 **EET MID**

Client Sample ID: SW3N

Date Collected: 04/25/25 14:05

Lab Sample ID: 890-8038-3

Matrix: Solid

Date Received: 04/25/25 16:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108915	04/29/25 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108906	04/29/25 12:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108982	04/29/25 12:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			108978	04/29/25 10:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108898	04/28/25 17:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108921	04/29/25 10:35	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108902	04/28/25 18:07	SMC	EET MID
Soluble	Analysis	300.0		1			108916	04/29/25 10:40	CH	EET MID

Client Sample ID: BS-2D

Date Collected: 04/25/25 14:15

Lab Sample ID: 890-8038-4

Matrix: Solid

Date Received: 04/25/25 16:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	108915	04/29/25 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108906	04/29/25 12:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108982	04/29/25 12:41	SM	EET MID

Eurofins Carlsbad

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Lab Chronicle

Client: TRC Solutions, Inc. Project/Site: Younger Junction

Job ID: 890-8038-1

SDG: 650142

Client Sample ID: BS-2D

Lab Sample ID: 890-8038-4

Matrix: Solid

Date Collected: 04/25/25 14:15 Date Received: 04/25/25 16:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108978	04/29/25 10:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108898	04/28/25 17:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108921	04/29/25 10:50	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	108902	04/28/25 18:07	SMC	EET MID
Soluble	Analysis	300.0		1			108916	04/29/25 10:45	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 890-8038-1
SDG: 650142

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

uthority	Progra	am	Identification Number	Expiration Date	
exas	NELAI	0	T104704400	06-30-25	
The following analyte	s are included in this reno	rt but the laboratory is a	not certified by the governing authori	ty This list may inclu	
THE IDIDWING ANALYLE	s are included in this rebu	it. Dut the laboratory is i	ioi cerinea by the advertina authori	iv. Tilis list illav liidi	
,	does not offer certification	•	lot certified by the governing authori	ity. This list may more	
,	•	•	Analyte	iy. Tilis list may mot	
for which the agency	does not offer certification		, , ,		

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Method Summary

Client: TRC Solutions, Inc. Project/Site: Younger Junction Job ID: 890-8038-1

SDG: 650142

Method	Method Description	Protocol	Laboratory
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 MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
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 MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

Sample Summary

Client: TRC Solutions, Inc. Project/Site: Younger Junction Job ID: 890-8038-1

SDG: 650142

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8038-1	BS-3A	Solid	04/25/25 13:50	04/25/25 16:35	5FT
890-8038-2	SW-3E	Solid	04/25/25 13:55	04/25/25 16:35	2.5FT
890-8038-3	SW3N	Solid	04/25/25 14:05	04/25/25 16:35	2.5FT
890-8038-4	BS-2D	Solid	04/25/25 14:15	04/25/25 16:35	2FT



Project Manager:

Company Name:

City, State ZIP:

Project Name:

Project Number:

Project Location:

Sampler's Name:

SAMPLE RECEIPT

Cooler Custody Seals:

Sample Custody Seals:

Sample Identification

5W-3F

Total Containers:

Samples Received Intact:

Address:

Phone:

PO #:

Environment Testing

505 E Huntland Suite 250 Address:

Yes No

Date

Sampled

42525

Thermometer ID:

Correction Factor:

Temperature Reading:

4125125 1355 12325 1405

4125/25 1415

Corrected Temperature:

Xenco

AUSTIO TX 78752 512.324.6050

Younger Junction

LOCO HILLS, NM

230189

Temp Blank:

Yes No (N/A)

Yes No N/A

Matrix

Yes No

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

SOIS (GRO(MADIRA)

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Chloride

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Work Order No:

890-8038 Chain of Custody Program: State of Project Reporting: Level II 🗌 Level III 📗 PST/UST 🗍 TRRP 🔲 Level IV 🧻 boilbartetre companies con 55toffeletre Deliverables: El Deliverables: EDD ADaPT 🔲 Other: ANALYSIS REQUEST **Preservative Codes** None: NO DI Water: H₂O MeOH: Me Cool: Cool HCL: HC HNO 3: HN NaOH: Na H₂SO₄: H₂ H₃PO ₄: HP NaHSO 4: NABIS Na 2S 2O3: NaSO Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC Sample Comments

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas	11 Al Sb As	Ba Be B Cd Ca	Cr Co Cu F	e Pb Mg M	n Mo Ni	K Se Ag	SiO ₂ Na S	r Tl Sn U V	Zn	
rcle Method(s) and M	etal(s) to be analyzed	TCLP / SPLP 6010	8RCRA Sb A	s Ba Be Cd Cr	Co Cu Pb Mn	Mo Ni Se A	Ag TI U	Hg: 1	631 / 245.	1 / 7470 / 74	71	

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

Bill to: (if different)

Company Name:

City, State ZIP:

Rush

48 hrs

(Yes) No

0.2

Depth

5++

2.54

K C

2#

Tuncol

Pres. Code

of

Cont

Comp

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Turn Around

TAT starts the day received by the lab, if received by 4:30pm

Routine

Due Date:

Wet Ice:

Time

Sampled

1350

Relinquished by: (Signature)	Beceived by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	Sun	4/25/25 16	35		
3			4		
5			6		
				n.	wired Date: 09/35/2020 Peyr 2020 2







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6/12/2025 1:07:43 PM

Received by OCD: 6/12/2025 1:07:43 PM

- 2 m 4 m 0 r 8 0 0 1 1 2 m

Eurofins Carlsbad

1089 N Canal St.

Carlsbad, NM 88220 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



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Environment Testing

6/10/2025 (Rev. 1)

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Client Information (Cub Contract Lab)	Sampler: N/A						b PM: ramer, Jessica						Carrier Tracking No(s): N/A				COC No: 890-4980.1				
Client Information (Sub Contract Lab) Client Contact:	Phone:				-Mail:							State of Origin:					Page:				
Shipping/Receiving	N/A	N/A J												Texas					of 1		
Company:								Accreditations Required (See note):										Job #:	38_1		
Eurofins Environment Testing South Centr Address:	Due Date Request	Due Date Requested						NELAP - Texas							890-8038-1 Preservation (des:	
1211 W. Florida Ave, ,	4/29/2025					Analysis Requested							ed -								
City: Midland	TAT Requested (da	ays): N/A						П													
State, Zip:		IN/F	`										ΙI								
TX, 79701								Σ					1								
Phone: 432-704-5440(Tel)	PO #: N/A							8015													
#32-704-3440(1et)	WO#:				- 3			Œ	Por				İΙ								
N/A	N/A				ğ	80		d L	5				Ш				20				
Project Name:	Project #. 89000188						×	S	AC.				ш				a dia				
younger junction Site:	SSOW#:				을	3	ВТЕХ	ΣŽ	3				П				ano:	Other:			
N/A	N/A						Calc	3015	8D/D		5							N/A		_	
	Samuel a Bada	Sample	Sample Type (C=comp,	Matrix (W=water 8=solid, O=waste/oi	old Fifts	Inform MS/h	8021B/5035FP	8015MOD_NM/8015NM_S_Prep TPH 8015 NM	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_Calc	Total_BIEX_GCV						Total Number		poolal k	antruction	n/Noto:
Sample Identification - Client ID (Lab ID)	Sample Date	Time	G=grab)	ation Code	SOLODON SOM'	V	8	8	ñ	ão 1								4	peciai ii	struction	s/Note:
		13:50	1000	T		\triangle					v	16 888			-			1			
BS-3A (890-8038-1)	4/25/25	Central	G	Solid	\perp		X	X	X	X	X	\perp	Ш	_	\perp	\sqcup					
SW-3E (890-8038-2)	4/25/25	13:55 Central	G	Solid	Ш		X	х	х	X	x			_	\perp		1	100			
SW3N (890-8038-3)	4/25/25	14:05 Central	G	Solid	Ш		х	х	X	X :	×				\perp		1				
BS-2D (890-8038-4)	4/25/25	14:15 Central	G	Solid	Ш		х	х	х	X :	×				\perp	Ш	1				
					Щ		_	_			\perp				_	Ш					
					Ш		\perp			\perp	\perp	_			\perp						
					Ш																
					Ш																
Note: Since laboratory accreditations are subject to change, Eurofins Env laboratory does not currently maintain accreditation in the State of Origin accreditation status should be brought to Eurofins Environment Testing S	listed above for analysis/test	s/matrix being	analyzed the	samples mu	ns are cu	ipped urrent	back to da	to the te, ret	Eurofi urn the	ins En	vironm d Chai	n of Cu	ing So	ith Cent	ral, LLC to said c	laborato omplian	ce to E	urofins Env	tions will b ironment T	e provided. A esting South	iny changes
Possible Hazard Identification						Sam	ple	Disp	osal	(A fe	ee ma					es are	_		er than	1 month)	
Unconfirmed									То С					sal By	Lab		☐ Arc	hive For		Month	s
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliver	able Rank:	2			Spec	cial I	nstru	iction	s/QC	Requ	iireme	nts:								
Empty Kit Relinquished by:		Date:			Tin	ne:								Method	of Shipn	nent:					
Relinquished by:	Date/Time:			Company		F	Recei	ved by	y:		7				Date	/Time:				Company	
Relinquished by:	Date/Time:			Company		F	Recei	ved by	y:						Date	/Time:				Company	
Relinquished by:	Date/Time:			Company	-	F	Recei	ved by	y:						Date	/Time:				Company	
Custody Seals Intact: Custody Seal No.:		71-57-E					Coole	r Tem	peratu	re(s) °(C and	Other R	emarks	0	7/	0.1	0				
Δ Yes Δ No				100					14.4	1									i loresta	Ver: 10/1	0/2024

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 890-8038-1

SDG Number: 650142

Login Number: 8038 **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.	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	N/A	

<6mm (1/4").

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-8038-1 SDG Number: 650142

Login Number: 8038 **List Source: Eurofins Midland** List Creation: 04/29/25 08:12 AM List Number: 2

Creator: Laing, Edmundo

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	



Site: Holly Younger Junction
Location: Loco Hills, NM
Client Name: HF SinclairMidstream

Project #: 650142

Laboratory: Eurofins Environment Testing, Midland, TX

Lab Report #: 890-8038-1 (Revision 1)

Reviewer: Nancy Bergstrom
Peer Reviewer: Elizabeth Denly

Review Date: 6/10/2025

Analytical Method(s):
-Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) with Benzene, Toluene, Ethylbenzene, m,p-Xylenes, o-Xylene, and Xylenes, Total by SW-846 Method 8021B
-Total Petroleum Hydrocarbons (TPH) with Gasoline Range Organics (GRO), Diesel Range Organics (DRO), Oil Range Organics (ORO) by SW-846 Method 8015B NM

Matrices Sampled: Sample Collection Date(s): Soil 4/25/2025

Sampling Objective(s):

Release Response Investigation

-Chloride by EPA Method 300.0

Sample IDs (List IDs or attach COC):

BS-3A, SW-3E, SW-3N, BS-2D

Revi	ew Item or Question	Y	N	NA	Comments ^a (please add comment for each item with a checked shaded box)
Chain	of-Custody and Data Completeness	<u>'</u>		<u></u>	
1	Was COC appropriately completed?	Х			
2	Did the laboratory report correct sample IDs?		X		The laboratory logged in the sample ID for SW-3N as SW3N.
3	Do the laboratory reported sample collection dates and times agree with the COC forms?	Х			
4	Are results reported for all analytical methods requested?	Х			



Revi	ew Item or Question	Y	N	NA	Commentsa (please add comment for each item with a checked shaded box)
5	Are results reported for all samples submitted for analysis?	Х			
6	Were the requested analytical methods used?	Х			
7	Are results reported for all target analytes, but no additional analytes?	Х			
8	SOIL/SEDIMENT ONLY: Were soil/sediment results reported on a dry weight basis?		Х		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?		Х		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?	Х			
Sampl	e Preservation				
11a	Did samples arrive at the laboratory appropriately preserved?	Х			
11b	Was the cooler temperature between 0-6°C?		Х		The samples arrived at the laboratory at a temperature of 8.4 °C. No qualification was required since the samples were on ice and received by the laboratory the same day as collection.
11c	Was acid used for preservation when required (e.g., aqueous VOC and metals samples)?			Х	
11d	SOIL/SEDIMENT ONLY: Were soil/sediment VOC samples preserved in the field or collected in EnCore® samplers?		Х		All samples were received 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.)?	Х			
13	Were any issues noted by the laboratory upon receipt?		Х		
14a	AIR ONLY: Were canisters received with an acceptable vacuum?			Х	



Revi	ew Item or Question	Y	N	NA	Comments ^a (please add comment for each item with a checked shaded box)
14b	AIR ONLY: Were the RPDs between the initial and final canister flow controller calibrations <20?			Х	
Holdin	ng Times				
15	Were sample preparation and analysis holding time requirements met?	Х			
Repor	ting Limits				
16	Do the reporting limits meet the project specifications (e.g., QAPP or Work Plan)?	Х			
17	Were dilutions performed? If so, note sample(s) and parameters(s) affected and the dilution factor(s).		Х		
18	Did the laboratory provide an adequate explanation as to why dilutions were performed?			х	
QC R					
Blanks	S ^b				
19	Were target analytes detected in the method blanks? If yes, list contaminants, concentrations detected and associated samples.		х		
20	Does each analytical or preparation batch have its own method blank?	Х			
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).			х	Field blank samples were not submitted with this data set.
22	Are there any potential false positive results based on questions 19 and/or 21?		Х		

ECR Practice November 2022



Revie	ew Item or Question	Y	N	NA	Commentsa (please add comment for each item with a checked shaded box)
23	Are LCS/LCSD recoveries within QC limits? If no, list analytes affected, the LCS/LCSD recoveries, and the affected samples.	Х			
24	Does each analytical or preparation batch have its own LCS?	Х			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.	Х			
Matrix	Spikes ^c Note: If not performed on a proje	ect sam	ple, eva	luation i	s not required.
26	Are MS/MSD recoveries within QC limits? If no, list analytes affected, the MS/MSD recoveries and the sample that was spiked.	Х			MS/MSD analyses were performed on the following sample from this data set: -BS-3A for BTEX
27	Are MS/MSD RPDs within QC limits? If no, list analytes affected, the RPDs and the sample that was spiked.	Х			
Surrog	pates ^c				
28	ORGANIC ANALYSES ONLY: Are surrogate recoveries within QC limits? If no, list samples, surrogate recoveries and analytes affected.	Х			
Duplic	ates ^c Note: If not performed on a proj	ect san	nple, eva	luation	is not required.
29	Are laboratory duplicate RPDs within QC limits? If no, list analytes affected, the RPDs and the sample that was prepared/analyzed in duplicate.			Х	Laboratory duplicate analyses were not performed on a sample from this data set.
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.			х	Field duplicate samples were not submitted with this data set.
Do the	Data Make Sense?			ı	

ECR Practice November 2022



Revi	ew Item or Question	Y	N	NA	Commentsa (please add comment for each item with a checked shaded box)
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).		х		
32	Were any other potential data quality issues identified? If yes, describe issues.		Х		
33	Do any results look questionable? If yes, ASK THE LAB.		Х		
34	Has the EDD been compared to the lab report?	Х			

Additional Comments:

The laboratory report was revised to provide the COC between the Carlsbad, NM and Midland, TX facilities.

Notes:

After data tables are created, check that reporting limits are below the project action levels (e.g., screening criteria, remediation standards, etc.) and compare data with historical results, if applicable. List any findings from this evaluation, when applicable, in the Additional Comments box above.

- a Comments generally need to be addressed in the TRC deliverable presenting the laboratory data, but this will be dependent on project requirements.
- b Check if local or regional criteria for blank assessments are available; these will supersede criteria in this checklist.
- c Use QC limits in QAPP, if available. If not, use QC limits provided by laboratory in data package.

The EPA Superfund Contract Laboratory Program (CLP) National Functional Guidelines (NFGs) for Data Review (November, 2020) or most recent version found here:

https://www.epa.gov/clp/superfund-clp-national-functional-guidelines-data-review

are typically used for data review guidelines when other project or state/regulatory data review guidance is not available. Project and state/regulatory data review guidance should be used and cited when applicable.

ECR Practice November 2022



Review Item or Question

Y

N

NA

Commentsa
(please add comment for each item with a checked shaded box)

Abbreviations:

BTEX Benzene, Toluene, Ethylbenzene, Xylenes

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

MS/MSD Matrix Spike / Matrix Spike Duplicate

ORO Oil Range Organics

QAPP Quality Assurance Project Plan

QC Quality Control

RPD Relative Percent Difference
TPH Total Petroleum Hydrocarbons
VOC Volatile Organic Compound

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Bryan Gilbert TRC Solutions, Inc. 10 Desta Drive Suite #410E Midland, Texas 79705

Generated 5/1/2025 2:44:25 PM

JOB DESCRIPTION

Younger Junction Loco Hills NM

JOB NUMBER

880-57498-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

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 5/1/2025 2:44:25 PM

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

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Laboratory Job ID: 880-57498-1 SDG: Loco Hills NM

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Definitions/Glossary

Job ID: 880-57498-1 Client: TRC Solutions, Inc. Project/Site: Younger Junction SDG: Loco Hills NM

Qualifiers

GC VOA Qualifier

Qualifier Description 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, low biased. F1 MS and/or MSD recovery exceeds control limits. S1-Surrogate recovery exceeds control limits, low biased. S1+ Surrogate recovery exceeds control limits, high biased.

Indicates the analyte was analyzed for but not detected.

HPLC/IC

U

Qualifier **Qualifier Description**

U Indicates the analyte was analyzed for but not detected.

Glossary

DLC

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

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry) MDA Minimum Detectable Concentration (Radiochemistry) MDC

Decision Level 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**

Presumptive **PRES** QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) TFO

TNTC Too Numerous To Count

Job ID: 880-57498-1

Case Narrative

Client: TRC Solutions, Inc. **Project: Younger Junction**

Eurofins Midland Job ID: 880-57498-1

> Job Narrative 880-57498-1

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
- 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 4/29/2025 4:35 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 4.3°C.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: BS-1A-3 (880-57498-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-109088 and analytical batch 880-109031 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.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-109023/2-A) and (LCSD 880-109023/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-109023 and analytical batch 880-109019 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 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109036 and analytical batch 880-109022 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 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: DUP-1 SW-2E-1 (880-57498-7), (890-8045-A-8-C), (890-8045-A-8-D MS) and (890-8045-A-8-E MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-109036/2-A) and (LCSD 880-109036/3-A). Percent recoveries are based on the amount spiked.

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

HPLC/IC

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

Job ID: 880-57498-1 SDG: Loco Hills NM

Client Sample ID: BS-1A-3

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Date Collected: 04/29/25 08:20 Date Received: 04/29/25 16:35 Lab Sample ID: 880-57498-1

Matrix: Solid

ī	
	- 5
	1

7

10

12

1 /

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/30/25 12:47	04/30/25 23:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/30/25 12:47	04/30/25 23:08	1
Ethylbenzene	0.00331		0.00200	mg/Kg		04/30/25 12:47	04/30/25 23:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/30/25 12:47	04/30/25 23:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/30/25 12:47	04/30/25 23:08	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/30/25 12:47	04/30/25 23:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130			04/30/25 12:47	04/30/25 23:08	1
1,4-Difluorobenzene (Surr)	61	S1-	70 - 130			04/30/25 12:47	04/30/25 23:08	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/30/25 23:08	1
Method: SW846 8015 NM - Diese	al Range Organ	ics (DRO) ((GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	265		49.9	mg/Kg				
				9/. 19			04/30/25 14:39	1
Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)	919			04/30/25 14:39	1
Method: SW846 8015B NM - Die Analyte	•	nics (DRO) Qualifier	(GC)	Unit	D	Prepared	04/30/25 14:39 Analyzed	1 Dil Fac
Analyte Gasoline Range Organics	•	Qualifier			<u>D</u>	Prepared 04/30/25 08:10		Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result	Qualifier	RL	<mark>Unit</mark> mg/Kg	<u>D</u>	<u>.</u>	Analyzed	1 Dil Fac
Analyte Gasoline Range Organics	Result <49.9	Qualifier	RL 49.9	Unit	<u> </u>	04/30/25 08:10	Analyzed 04/30/25 14:39	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.9	Qualifier U *-	RL 49.9	<mark>Unit</mark> mg/Kg	<u> </u>	04/30/25 08:10	Analyzed 04/30/25 14:39	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.9 265	Qualifier U *-	RL 49.9	<mark>Unit</mark> mg/Kg mg/Kg	<u>D</u>	04/30/25 08:10 04/30/25 08:10	Analyzed 04/30/25 14:39 04/30/25 14:39	1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result	Qualifier U *-	RL 49.9 49.9 49.9	<mark>Unit</mark> mg/Kg mg/Kg	<u>D</u>	04/30/25 08:10 04/30/25 08:10 04/30/25 08:10	Analyzed 04/30/25 14:39 04/30/25 14:39 04/30/25 14:39	1 1 1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	Result	Qualifier U *-	RL 49.9 49.9 49.9 <i>Limits</i>	<mark>Unit</mark> mg/Kg mg/Kg	<u>D</u>	04/30/25 08:10 04/30/25 08:10 04/30/25 08:10 Prepared	Analyzed 04/30/25 14:39 04/30/25 14:39 04/30/25 14:39 Analyzed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U *- U Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	<mark>Unit</mark> mg/Kg mg/Kg	<u> </u>	04/30/25 08:10 04/30/25 08:10 04/30/25 08:10 Prepared 04/30/25 08:10	Analyzed 04/30/25 14:39 04/30/25 14:39 04/30/25 14:39 Analyzed 04/30/25 14:39	•
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U *- U Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	<mark>Unit</mark> mg/Kg mg/Kg	<u>D</u>	04/30/25 08:10 04/30/25 08:10 04/30/25 08:10 Prepared 04/30/25 08:10	Analyzed 04/30/25 14:39 04/30/25 14:39 04/30/25 14:39 Analyzed 04/30/25 14:39	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Client Sample ID: BS-1B-3

Date Collected: 04/29/25 08:35 Date Received: 04/29/25 16:35 Lab Sample ID: 880-57498-2

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/30/25 12:47	04/30/25 23:29	1
Toluene	0.00272		0.00199	mg/Kg		04/30/25 12:47	04/30/25 23:29	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/30/25 12:47	04/30/25 23:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/30/25 12:47	04/30/25 23:29	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/30/25 12:47	04/30/25 23:29	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/30/25 12:47	04/30/25 23:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			04/30/25 12:47	04/30/25 23:29	1
1,4-Difluorobenzene (Surr)	79		70 - 130			04/30/25 12:47	04/30/25 23:29	1

Client: TRC Solutions, Inc.

Job ID: 880-57498-1

SDG: Loco Hills NM

Lab Sample ID: 880-57498-2

Matrix: Solid

Client Sample ID: BS-1B-3 Date Collected: 04/29/25 08:35

Date Received: 04/29/25 16:35

Project/Site: Younger Junction

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/30/25 23:29	1
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	425		50.0	mg/Kg			04/30/25 15:00	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U *-	50.0	mg/Kg		04/30/25 08:10	04/30/25 15:00	1
(GRO)-C6-C10								
Diesel Range Organics (Over	425		50.0	mg/Kg		04/30/25 08:10	04/30/25 15:00	1
C10-C28)								
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/30/25 08:10	04/30/25 15:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			04/30/25 08:10	04/30/25 15:00	1
o-Terphenyl	92		70 - 130			04/30/25 08:10	04/30/25 15:00	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	307		10.1	mg/Kg			05/01/25 10:28	

Client Sample ID: SW-1W-1.5 Lab Sample ID: 880-57498-3 Date Collected: 04/29/25 08:55 **Matrix: Solid**

Date Received: 04/29/25 16:35

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201	mg/Kg		04/30/25 12:47	04/30/25 23:49	
Toluene	0.00271		0.00201	mg/Kg		04/30/25 12:47	04/30/25 23:49	
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/30/25 12:47	04/30/25 23:49	
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/30/25 12:47	04/30/25 23:49	
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/30/25 12:47	04/30/25 23:49	•
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/30/25 12:47	04/30/25 23:49	,
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	97		70 - 130			04/30/25 12:47	04/30/25 23:49	
Method: TAL SOP Total BTEX			70 - 130			04/30/25 12:47	04/30/25 23:49	
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation Qualifier	70 ₋ 130	Unit	<u>D</u>	04/30/25 12:47 Prepared	04/30/25 23:49 Analyzed	
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Qualifier		<mark>Unit</mark> mg/Kg	<u>D</u>			
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00402	Qualifier U	RL 0.00402		<u>D</u>		Analyzed	Dil Fac
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00402 seel Range Organ	Qualifier U	RL 0.00402		<u>D</u>		Analyzed	
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00402 seel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00402	mg/Kg		Prepared	Analyzed 04/30/25 23:49	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00402 seel Range Organ Result <49.8	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 GC) RL 49.8	mg/Kg		Prepared	Analyzed 04/30/25 23:49 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	- Total BTEX Calc Result <0.00402 seel Range Organ Result <49.8 iesel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 GC) RL 49.8	mg/Kg		Prepared	Analyzed 04/30/25 23:49 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00402 seel Range Organ Result <49.8 iesel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00402 GC) RL 49.8	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 04/30/25 23:49 Analyzed 04/30/25 15:20	Dil Fac

Job ID: 880-57498-1

Client: TRC Solutions, Inc. Project/Site: Younger Junction

SDG: Loco Hills NM

Client Sample ID: SW-1W-1.5

Lab Sample ID: 880-57498-3

Date Collected: 04/29/25 08:55 Date Received: 04/29/25 16:35

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/30/25 08:10	04/30/25 15:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130			04/30/25 08:10	04/30/25 15:20	1
o-Terphenyl	83		70 - 130			04/30/25 08:10	04/30/25 15:20	1

RL

10.0

Unit

mg/Kg

D

Prepared

Dil Fac

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier Chloride 251

05/01/25 10:35

Analyzed

Lab Sample ID: 880-57498-4

Matrix: Solid

Date Collected: 04/29/25 09:05 Date Received: 04/29/25 16:35

Client Sample ID: SW-1N-1.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/30/25 12:47	05/01/25 00:10	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/30/25 12:47	05/01/25 00:10	1
Ethylbenzene	0.00290		0.00202	mg/Kg		04/30/25 12:47	05/01/25 00:10	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/30/25 12:47	05/01/25 00:10	1
o-Xylene	0.00222		0.00202	mg/Kg		04/30/25 12:47	05/01/25 00:10	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/30/25 12:47	05/01/25 00:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			04/30/25 12:47	05/01/25 00:10	1
1,4-Difluorobenzene (Surr)	77		70 - 130			04/30/25 12:47	05/01/25 00:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac **Total BTEX** 0.00512 0.00404 mg/Kg 05/01/25 00:10

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL Unit D Dil Fac Prepared Analyzed

Total TPH	<50.1	U	50.1	mg/Kg			04/30/25 14:19	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (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		04/30/25 09:17	04/30/25 14:19	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		04/30/25 09:17	04/30/25 14:19	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/30/25 09:17	04/30/25 14:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130			04/30/25 09:17	04/30/25 14:19	1
o-Terphenyl	119		70 - 130			04/30/25 09:17	04/30/25 14:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Chloride 243 9.98 mg/Kg 05/01/25 10:42

Job ID: 880-57498-1

04/30/25 09:17

04/30/25 14:39

Project/Site: Younger Junction

SDG: Loco Hills NM

Client Sample ID: SW-1E-1.5

Lab Sample ID: 880-57498-5

Matrix: Solid

Date Collected: 04/29/25 09:25 Date Received: 04/29/25 16:35

Client: TRC Solutions, Inc.

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/30/25 12:47	05/01/25 00:30	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/30/25 12:47	05/01/25 00:30	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/30/25 12:47	05/01/25 00:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/30/25 12:47	05/01/25 00:30	1
o-Xylene	0.00766		0.00199	mg/Kg		04/30/25 12:47	05/01/25 00:30	1
Xylenes, Total	0.00766		0.00398	mg/Kg		04/30/25 12:47	05/01/25 00:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			04/30/25 12:47	05/01/25 00:30	1
1,4-Difluorobenzene (Surr)	79		70 - 130			04/30/25 12:47	05/01/25 00:30	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fa

Total BTEX 0.00766 0.00398 mg/Kg 05/01/25 00:30

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

 Analyte
 Result Total TPH
 Qualifier Qualifier St. St. Out S

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL Unit Prepared Analyzed Dil Fac <50.0 U Gasoline Range Organics 50.0 04/30/25 09:17 04/30/25 14:39 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 04/30/25 09:17 04/30/25 14:39 C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 04/30/25 09:17 04/30/25 14:39 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 109 70 - 130 04/30/25 09:17 04/30/25 14:39

 Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

 Analyte
 Result
 Qualifier
 RL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Chloride
 126
 9.92
 mg/Kg
 05/01/25 10:48
 1

70 - 130

107

Client Sample ID: SW-2E-1 Lab Sample ID: 880-57498-6

Date Collected: 04/29/25 09:40 Date Received: 04/29/25 16:35

o-Terphenyl

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/30/25 12:47	05/01/25 00:50	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/30/25 12:47	05/01/25 00:50	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/30/25 12:47	05/01/25 00:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/30/25 12:47	05/01/25 00:50	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/30/25 12:47	05/01/25 00:50	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/30/25 12:47	05/01/25 00:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			04/30/25 12:47	05/01/25 00:50	1
1,4-Difluorobenzene (Surr)	78		70 - 130			04/30/25 12:47	05/01/25 00:50	1

Eurofins Midland

Matrix: Solid

2

5

7

9

10

12

4 4

Project/Site: Younger Junction

Date Received: 04/29/25 16:35

Client: TRC Solutions, Inc.

Job ID: 880-57498-1

SDG: Loco Hills NM

Client Sample ID: SW-2E-1 Lab Sample ID: 880-57498-6 Date Collected: 04/29/25 09:40

Matrix: Solid

Dil Fac

Analyzed

05/01/25 11:09

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			05/01/25 00:50	-
- Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9	mg/Kg			04/30/25 15:00	
Gasoline Range Organics	<49.9		49.9	mg/Kg	— <u> </u>	04/30/25 09:17	04/30/25 15:00	
Method: SW846 8015B NM - Dies Analyte	•	nics (DRO) Qualifier	(GC)	Unit	D	Prepared	Analyzed	Dil Fac
	<49.9	U	49.9	mg/Kg		04/30/25 09:17	04/30/25 15:00	
(GRO)-C6-C10	<49.9	11	49.9	mg/Kg		04/30/25 09:17	04/30/25 15:00	,
Diesel Range Organics (Over C10-C28)	\49.5	U	45.5	mg/Ng		04/30/23 09.17	04/30/23 13.00	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/30/25 09:17	04/30/25 15:00	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	113		70 - 130			04/30/25 09:17	04/30/25 15:00	
	107		70 - 130			04/30/25 09:17	04/30/25 15:00	

9.94 Client Sample ID: DUP-1 SW-2E-1 Lab Sample ID: 880-57498-7 Date Collected: 04/29/25 09:40 **Matrix: Solid**

RL

Unit

mg/Kg

D

Prepared

Date Received: 04/29/25 16:35

Analyte

Chloride

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

99.9

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/30/25 12:47	05/01/25 01:11	1
Toluene	0.00275		0.00202	mg/Kg		04/30/25 12:47	05/01/25 01:11	1
Ethylbenzene	0.00218		0.00202	mg/Kg		04/30/25 12:47	05/01/25 01:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/30/25 12:47	05/01/25 01:11	1
o-Xylene	0.00236		0.00202	mg/Kg		04/30/25 12:47	05/01/25 01:11	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/30/25 12:47	05/01/25 01:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			04/30/25 12:47	05/01/25 01:11	1
1,4-Difluorobenzene (Surr)	73		70 - 130			04/30/25 12:47	05/01/25 01:11	1
Method: TAL SOP Total BTEX	- Total BTEX Cald							
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Culation Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Cald Result 0.00729	Qualifier	RL 0.00404	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Cald Result 0.00729 esel Range Organ	Qualifier ics (DRO) (RL 0.00404	mg/Kg		Prepared	Analyzed 05/01/25 01:11	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Cald Result 0.00729 esel Range Organ	Qualifier	RL 0.00404		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Cald Result 0.00729 esel Range Organ	Qualifier ics (DRO) (RL 0.00404	mg/Kg		Prepared	Analyzed 05/01/25 01:11	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Cald Result 0.00729 esel Range Organ Result <50.1	Qualifier ics (DRO) (Qualifier U	RL 0.00404 GC) RL 50.1	mg/Kg		Prepared	Analyzed 05/01/25 01:11 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	- Total BTEX Cald Result 0.00729 esel Range Organ Result <50.1	Qualifier ics (DRO) (Qualifier U	RL 0.00404 GC) RL 50.1	mg/Kg		Prepared	Analyzed 05/01/25 01:11 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	- Total BTEX Cald Result 0.00729 esel Range Organ Result <50.1	Qualifier ics (DRO) (Qualifier U unics (DRO) Qualifier	RL 0.00404 GC) RL 50.1	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 05/01/25 01:11 Analyzed 04/30/25 15:20	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Cald Result 0.00729 esel Range Organ Result <50.1 diesel Range Orga Result	Qualifier ics (DRO) (Qualifier U unics (DRO) Qualifier U	RL 0.00404 GC) RL 50.1 (GC) RL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	Analyzed 05/01/25 01:11 Analyzed 04/30/25 15:20 Analyzed	Dil Fac Dil Fac 1 Dil Fac 1

Client Sample Results

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 880-57498-1

SDG: Loco Hills NM

Client Sample ID: DUP-1 SW-2E-1

Date Collected: 04/29/25 09:40 Date Received: 04/29/25 16:35 Lab Sample ID: 880-57498-7

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/30/25 09:17	04/30/25 15:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130			04/30/25 09:17	04/30/25 15:20	1
o-Terphenyl	135	S1+	70 - 130			04/30/25 09:17	04/30/25 15:20	1

lethod: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	98.5		9.94	mg/Kg			05/01/25 11:15	1	

Eurofins Midland

2

3

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8

4.0

12

13

14

Surrogate Summary

Client: TRC Solutions, Inc.

Job ID: 880-57498-1

Project/Site: Younger Junction

SDG: Loco Hills NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Re
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-57498-1	BS-1A-3	128	61 S1-	
880-57498-1 MS	BS-1A-3	108	97	
880-57498-1 MSD	BS-1A-3	108	91	
880-57498-2	BS-1B-3	95	79	
880-57498-3	SW-1W-1.5	97	73	
880-57498-4	SW-1N-1.5	105	77	
880-57498-5	SW-1E-1.5	95	79	
880-57498-6	SW-2E-1	108	78	
880-57498-7	DUP-1 SW-2E-1	115	73	
LCS 880-109088/1-A	Lab Control Sample	92	96	
LCSD 880-109088/2-A	Lab Control Sample Dup	99	97	
MB 880-109038/5-A	Method Blank	97	74	
MB 880-109088/5-A	Method Blank	103	70	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-57498-1	BS-1A-3	99	91	
880-57498-2	BS-1B-3	100	92	
880-57498-3	SW-1W-1.5	89	83	
880-57498-4	SW-1N-1.5	121	119	
880-57498-5	SW-1E-1.5	109	107	
880-57498-6	SW-2E-1	113	107	
880-57498-7	DUP-1 SW-2E-1	148 S1+	135 S1+	
890-8045-A-1-C MS	Matrix Spike	93	82	
890-8045-A-1-H MSD	Matrix Spike Duplicate	91	79	
890-8045-A-8-D MS	Matrix Spike	131 S1+	124	
890-8045-A-8-E MSD	Matrix Spike Duplicate	132 S1+	123	
LCS 880-109023/2-A	Lab Control Sample	350 S1+	335 S1+	
LCS 880-109036/2-A	Lab Control Sample	20 S1-	14 S1-	
LCSD 880-109023/3-A	Lab Control Sample Dup	436 S1+	417 S1+	
LCSD 880-109036/3-A	Lab Control Sample Dup	19 S1-	13 S1-	
MB 880-109023/1-A	Method Blank	121	114	
MB 880-109036/1-A	Method Blank	112	110	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc. Job ID: 880-57498-1 SDG: Loco Hills NM Project/Site: Younger Junction

Method: 8021B - Volatile Organic Compounds (GC)

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

	MB	MB						
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 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-Xylene & p-Xylene	<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

MB MB

Surrogate	%Recovery 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: MB 880-109088/5-A

Matrix: Solid

Analysis Batch: 109031

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109088

мв мв

Analyte	Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/30/25 12:47	04/30/25 22:46	1
Toluene	<0.00200 L	U	0.00200	mg/Kg		04/30/25 12:47	04/30/25 22:46	1
Ethylbenzene	<0.00200 L	U	0.00200	mg/Kg		04/30/25 12:47	04/30/25 22:46	1
m-Xylene & p-Xylene	<0.00400 L	U	0.00400	mg/Kg		04/30/25 12:47	04/30/25 22:46	1
o-Xylene	<0.00200 L	U	0.00200	mg/Kg		04/30/25 12:47	04/30/25 22:46	1
Xylenes, Total	<0.00400 L	U	0.00400	mg/Kg		04/30/25 12:47	04/30/25 22:46	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Pr	repared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/30	0/25 12:47	04/30/25 22:46	1
1,4-Difluorobenzene (Surr)	70		70 - 130	04/30	0/25 12:47	04/30/25 22:46	1

Lab Sample ID: LCS 880-109088/1-A

Matrix: Solid

Analysis Batch: 109031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 109088**

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09795		mg/Kg		98	70 - 130	
Toluene	0.100	0.09233		mg/Kg		92	70 - 130	
Ethylbenzene	0.100	0.09663		mg/Kg		97	70 - 130	
m-Xylene & p-Xylene	0.200	0.1832		mg/Kg		92	70 - 130	
o-Xylene	0.100	0.09293		mg/Kg		93	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	92	70 _ 130
1.4-Difluorobenzene (Surr)	96	70 - 130

Lab Sample ID: LCSD 880-109088/2-A

Matrix: Solid

Analysis Batch: 109031

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109088

	Бріке	LC2D	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09624		mg/Kg		96	70 - 130	2	35

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QC Sample Results

Client: TRC Solutions, Inc.

Job ID: 880-57498-1

Project/Site: Younger Junction

SDG: Loco Hills NM

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

Lab Sample ID: LCSD 880-109088/2-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 109031 **Prep Batch: 109088** Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit D Toluene 0.100 0.09276 93 70 - 130 35 mg/Kg 0 Ethylbenzene 0.100 0.09877 mg/Kg 99 70 - 130 2 35 0.200 m-Xylene & p-Xylene 0.1892 mg/Kg 95 70 - 130 35 3 o-Xylene 0.100 0.09572 mg/Kg 96 70 - 130 3 35 LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-57498-1 MS

Matrix: Solid

Client Sample ID: BS-1A-3

Prep Type: Total/NA

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 109031 Prep Batch: 109088

MS MS Sample Sample Spike %Rec Qualifier Analyte Result Added Result Qualifier Unit %Rec Limits Benzene <0.00200 U 0.08409 70 - 130 0.100 mg/Kg 84 Toluene <0.00200 0.100 0.08530 85 70 - 130 U mg/Kg Ethylbenzene 0.00331 0.100 0.08756 70 - 130 mg/Kg 84 0.200 0.1762 88 70 - 130 m-Xylene & p-Xylene <0.00399 U mg/Kg

0.08586

mg/Kg

84

70 - 130

0.100

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 108
 70 - 130

 1,4-Difluorobenzene (Surr)
 97
 70 - 130

<0.00200 U

o-Xylene

Lab Sample ID: 880-57498-1 MSD

Matrix: Solid

Client Sample ID: BS-1A-3

Prep Type: Total/NA

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 109031 Prep Batch: 109088

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.07125		mg/Kg		71	70 - 130	17	35
Toluene	<0.00200	U	0.100	0.07987		mg/Kg		80	70 - 130	7	35
Ethylbenzene	0.00331		0.100	0.08980		mg/Kg		86	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1799		mg/Kg		90	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.08349		mg/Kg		82	70 - 130	3	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

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

Lab Sample ID: MB 880-109023/1-A

Matrix: Solid

Client Sample ID: Method Blank

Prep Type: Total/NA

Analysis Batch: 109019

MB MB

Prep Batch: 109023

 Analyte
 Result
 Qualifier
 RL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Gasoline Range Organics
 <50.0</td>
 U
 50.0
 mg/Kg
 04/30/25 08:10
 04/30/25 09:00
 1

 (GRO)-C6-C10
 (GRO)-C6-C10
 04/30/25 08:10
 04/30/25 09:00
 1

Client: TRC Solutions, Inc.
Project/Site: Younger Junction

Job ID: 880-57498-1 SDG: Loco Hills NM

Client Sample ID: Lab Control Sample Dup

2

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

Lab Sample ID: MB 880-109023/1-A

Matrix: Solid

Analysis Batch: 109019

MB MB

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109023

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/30/25 08:10	04/30/25 09:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/30/25 08:10	04/30/25 09:00	1
	МВ	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130			04/30/25 08:10	04/30/25 09:00	1
o-Terphenyl	114		70 - 130			04/30/25 08:10	04/30/25 09:00	1

Lab Sample ID: LCS 880-109023/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA **Prep Batch: 109023** Analysis Batch: 109019 LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 814.0 81 70 - 130 mg/Kg (GRO)-C6-C10 mg/Kg 1000 1156 Diesel Range Organics (Over 116 70 - 130C10-C28) LCS LCS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 350 S1+ 70 - 130 o-Terphenyl 335 S1+ 70 - 130

Matrix: Solid Prep Type: Total/NA Analysis Batch: 109019 Prep Batch: 109023 Spike LCSD LCSD %Rec **RPD** Added Result Qualifier %Rec Limits RPD Limit Analyte Unit D Gasoline Range Organics 1000 668.9 *-67 70 - 130 20 mg/Kg 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1045 mg/Kg 105 70 - 130 10 20 C10-C28)

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	436	S1+	70 - 130
o-Terphenyl	417	S1+	70 - 130

93

82

Lab Sample ID: 890-8045-A-1-C MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 109019 **Prep Batch: 109023** MS MS %Rec Sample Sample Spike Result Qualifier Added Result Qualifier %Rec Limits Analyte Unit <50.0 U *-995 70 - 130 Gasoline Range Organics 811.8 79 mg/Kg (GRO)-C6-C10 995 Diesel Range Organics (Over <50.0 U 774.4 mg/Kg 76 70 - 130 C10-C28) MS MS Surrogate %Recovery Qualifier Limits

Eurofins Midland

70 - 130

70 - 130

1-Chlorooctane

o-Terphenyl

Lab Sample ID: LCSD 880-109023/3-A

Lab Sample ID: 890-8045-A-1-H MSD

QC Sample Results

Client: TRC Solutions, Inc. Job ID: 880-57498-1 SDG: Loco Hills NM Project/Site: Younger Junction

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

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 109023

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.0	U *-	995	760.9		mg/Kg		74	70 - 130	6	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<50.0	U	995	752.5		mg/Kg		73	70 - 130	3	20
040,000)											

C10-C28)

Matrix: Solid

Analysis Batch: 109019

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: MB 880-109036/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 109022

Prep Type: Total/NA

Prep Batch: 109036

	МВ	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/30/25 08:45	04/30/25 09:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/30/25 08:45	04/30/25 09:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/30/25 08:45	04/30/25 09:00	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	04/30/25 08:45	04/30/25 09:00	1
o-Terphenyl	110		70 - 130	04/30/25 08:45	04/30/25 09:00	1

Lab Sample ID: LCS 880-109036/2-A

Matrix: Solid

Analysis Batch: 109022

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109036

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	987.0		mg/Kg		99	70 - 130	 _
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1123		mg/Kg		112	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	20	S1-	70 _ 130
o-Terphenyl	14	S1-	70 - 130

Lab Sample ID: LCSD 880-109036/3-A

Matrix: Solid

Analysis Batch: 109022

Client	Samnla	ID· I a	h Cont	trol Sam	nla Dun

Prep Type: Total/NA

Prep Batch: 109036

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1057		mg/Kg		106	70 - 130	7	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1086		mg/Kg		109	70 - 130	3	20
C10-C28)									

Client: TRC Solutions, Inc. Project/Site: Younger Junction Job ID: 880-57498-1 SDG: Loco Hills NM

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

Lab Sample ID: LCSD 880-109036/3-A **Matrix: Solid**

Analysis Batch: 109022

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA **Prep Batch: 109036**

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 19 S1-70 - 130 o-Terphenyl 13 S1-70 - 130

Lab Sample ID: 890-8045-A-8-D MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 109022

Prep Type: Total/NA

Prep Batch: 109036

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	1000	633.6	F1	mg/Kg		60	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	502.9	F1	mg/Kg		50	70 - 130	

MS MS Surrogate %Recovery Qualifier Limits 131 S1+ 70 - 130 1-Chlorooctane 124 70 - 130 o-Terphenyl

Lab Sample ID: 890-8045-A-8-E MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid**

Analysis Batch: 109022

Prep Type: Total/NA Prep Batch: 109036

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	1000	616.6	F1	mg/Kg		58	70 - 130	3	20
Diesel Range Organics (Over	<49.9	U F1	1000	503.3	F1	mg/Kg		50	70 - 130	0	20
C10-C28)											
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	132	S1+	70 - 130								
o-Terphenyl	123		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-109123/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 109145

мв мв Dil Fac Analyte Result Qualifier RL Unit D Prepared Analyzed Chloride <10.0 U 10.0 mg/Kg 05/01/25 09:48

Lab Sample ID: LCS 880-109123/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 109145

Spike LCS LCS %Rec Analyte Added Result Qualifier Limits Chloride 253.8 250 mg/Kg 102 90 - 110

QC Sample Results

Client: TRC Solutions, Inc. Job ID: 880-57498-1 Project/Site: Younger Junction SDG: Loco Hills NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-109123/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 109145

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	228.8		mg/Kg		92	90 - 110	10	20	

Lab Sample ID: 880-57498-1 MS Client Sample ID: BS-1A-3 **Matrix: Solid**

Prep Type: Soluble Analysis Batch: 109145

Sample Sample Spike MS MS %Rec Result Qualifier Added Limits Analyte Result Qualifier Unit D %Rec Chloride 509 251 753.6 mg/Kg 98 90 - 110

Lab Sample ID: 880-57498-1 MSD Client Sample ID: BS-1A-3

Matrix: Solid Prep Type: Soluble

Analysis Batch: 109145 MSD MSD %Rec Sample Sample Spike

RPD Result Qualifier Limit Analyte Added Result Qualifier Unit Limits **RPD** Chloride 509 251 748.4 90 - 110 20 mg/Kg

Client: TRC Solutions, Inc.

Job ID: 880-57498-1

Project/Site: Younger Junction

SDG: Loco Hills NM

GC VOA

Analysis Batch: 109031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57498-1	BS-1A-3	Total/NA	Solid	8021B	109088
880-57498-2	BS-1B-3	Total/NA	Solid	8021B	109088
880-57498-3	SW-1W-1.5	Total/NA	Solid	8021B	109088
880-57498-4	SW-1N-1.5	Total/NA	Solid	8021B	109088
880-57498-5	SW-1E-1.5	Total/NA	Solid	8021B	109088
880-57498-6	SW-2E-1	Total/NA	Solid	8021B	109088
880-57498-7	DUP-1 SW-2E-1	Total/NA	Solid	8021B	109088
MB 880-109038/5-A	Method Blank	Total/NA	Solid	8021B	109038
MB 880-109088/5-A	Method Blank	Total/NA	Solid	8021B	109088
LCS 880-109088/1-A	Lab Control Sample	Total/NA	Solid	8021B	109088
LCSD 880-109088/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109088
880-57498-1 MS	BS-1A-3	Total/NA	Solid	8021B	109088
880-57498-1 MSD	BS-1A-3	Total/NA	Solid	8021B	109088

Prep Batch: 109038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-109038/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 109088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57498-1	BS-1A-3	Total/NA	Solid	5035	<u> </u>
880-57498-2	BS-1B-3	Total/NA	Solid	5035	
880-57498-3	SW-1W-1.5	Total/NA	Solid	5035	
880-57498-4	SW-1N-1.5	Total/NA	Solid	5035	
880-57498-5	SW-1E-1.5	Total/NA	Solid	5035	
880-57498-6	SW-2E-1	Total/NA	Solid	5035	
880-57498-7	DUP-1 SW-2E-1	Total/NA	Solid	5035	
MB 880-109088/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109088/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109088/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57498-1 MS	BS-1A-3	Total/NA	Solid	5035	
880-57498-1 MSD	BS-1A-3	Total/NA	Solid	5035	

Analysis Batch: 109225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57498-1	BS-1A-3	Total/NA	Solid	Total BTEX	
880-57498-2	BS-1B-3	Total/NA	Solid	Total BTEX	
880-57498-3	SW-1W-1.5	Total/NA	Solid	Total BTEX	
880-57498-4	SW-1N-1.5	Total/NA	Solid	Total BTEX	
880-57498-5	SW-1E-1.5	Total/NA	Solid	Total BTEX	
880-57498-6	SW-2E-1	Total/NA	Solid	Total BTEX	
880-57498-7	DUP-1 SW-2E-1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 109019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57498-1	BS-1A-3	Total/NA	Solid	8015B NM	109023
880-57498-2	BS-1B-3	Total/NA	Solid	8015B NM	109023
880-57498-3	SW-1W-1.5	Total/NA	Solid	8015B NM	109023
MB 880-109023/1-A	Method Blank	Total/NA	Solid	8015B NM	109023

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Client: TRC Solutions, Inc. Job ID: 880-57498-1 Project/Site: Younger Junction SDG: Loco Hills NM

GC Semi VOA (Continued)

Analysis Batch: 109019 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-109023/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109023
LCSD 880-109023/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109023
890-8045-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	109023
890-8045-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	109023

Analysis Batch: 109022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57498-4	SW-1N-1.5	Total/NA	Solid	8015B NM	109036
880-57498-5	SW-1E-1.5	Total/NA	Solid	8015B NM	109036
880-57498-6	SW-2E-1	Total/NA	Solid	8015B NM	109036
880-57498-7	DUP-1 SW-2E-1	Total/NA	Solid	8015B NM	109036
MB 880-109036/1-A	Method Blank	Total/NA	Solid	8015B NM	109036
LCS 880-109036/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109036
LCSD 880-109036/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109036
890-8045-A-8-D MS	Matrix Spike	Total/NA	Solid	8015B NM	109036
890-8045-A-8-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	109036

Prep Batch: 109023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57498-1	BS-1A-3	Total/NA	Solid	8015NM Prep	T Tep Batch
880-57498-2	BS-1B-3	Total/NA	Solid	8015NM Prep	
880-57498-3	SW-1W-1.5	Total/NA	Solid	8015NM Prep	
MB 880-109023/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109023/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109023/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8045-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8045-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 109036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57498-4	SW-1N-1.5	Total/NA	Solid	8015NM Prep	
880-57498-5	SW-1E-1.5	Total/NA	Solid	8015NM Prep	
880-57498-6	SW-2E-1	Total/NA	Solid	8015NM Prep	
880-57498-7	DUP-1 SW-2E-1	Total/NA	Solid	8015NM Prep	
MB 880-109036/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109036/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109036/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8045-A-8-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8045-A-8-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 109119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57498-1	BS-1A-3	Total/NA	Solid	8015 NM	
880-57498-2	BS-1B-3	Total/NA	Solid	8015 NM	
880-57498-3	SW-1W-1.5	Total/NA	Solid	8015 NM	
880-57498-4	SW-1N-1.5	Total/NA	Solid	8015 NM	
880-57498-5	SW-1E-1.5	Total/NA	Solid	8015 NM	
880-57498-6	SW-2E-1	Total/NA	Solid	8015 NM	
880-57498-7	DUP-1 SW-2E-1	Total/NA	Solid	8015 NM	

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 880-57498-1

SDG: Loco Hills NM

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Leach Batch: 109123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57498-1	BS-1A-3	Soluble	Solid	DI Leach	
880-57498-2	BS-1B-3	Soluble	Solid	DI Leach	
880-57498-3	SW-1W-1.5	Soluble	Solid	DI Leach	
880-57498-4	SW-1N-1.5	Soluble	Solid	DI Leach	
880-57498-5	SW-1E-1.5	Soluble	Solid	DI Leach	
880-57498-6	SW-2E-1	Soluble	Solid	DI Leach	
880-57498-7	DUP-1 SW-2E-1	Soluble	Solid	DI Leach	
MB 880-109123/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109123/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-109123/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57498-1 MS	BS-1A-3	Soluble	Solid	DI Leach	
880-57498-1 MSD	BS-1A-3	Soluble	Solid	DI Leach	

Analysis Batch: 109145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57498-1	BS-1A-3	Soluble	Solid	300.0	109123
880-57498-2	BS-1B-3	Soluble	Solid	300.0	109123
880-57498-3	SW-1W-1.5	Soluble	Solid	300.0	109123
880-57498-4	SW-1N-1.5	Soluble	Solid	300.0	109123
880-57498-5	SW-1E-1.5	Soluble	Solid	300.0	109123
880-57498-6	SW-2E-1	Soluble	Solid	300.0	109123
880-57498-7	DUP-1 SW-2E-1	Soluble	Solid	300.0	109123
MB 880-109123/1-A	Method Blank	Soluble	Solid	300.0	109123
LCS 880-109123/2-A	Lab Control Sample	Soluble	Solid	300.0	109123
LCSD 880-109123/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109123
880-57498-1 MS	BS-1A-3	Soluble	Solid	300.0	109123
880-57498-1 MSD	BS-1A-3	Soluble	Solid	300.0	109123

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Job ID: 880-57498-1

SDG: Loco Hills NM

Client Sample ID: BS-1A-3

Date Collected: 04/29/25 08:20 Date Received: 04/29/25 16:35

Lab Sample ID: 880-57498-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	109088	04/30/25 12:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 23:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109225	04/30/25 23:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			109119	04/30/25 14:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109023	04/30/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109019	04/30/25 14:39	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	109123	04/30/25 17:44	SMC	EET MID
Soluble	Analysis	300.0		1			109145	05/01/25 10:08	CH	EET MID

Client Sample ID: BS-1B-3 Lab Sample ID: 880-57498-2 Date Collected: 04/29/25 08:35

Date Received: 04/29/25 16:35

Matrix: Solid

Dil Initial Final Batch Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 5.03 g 5 mL 109088 04/30/25 12:47 MNR EET MID Total/NA 8021B 5 mL 109031 04/30/25 23:29 **EET MID** Analysis 1 5 mL MNR Total/NA Total BTEX 109225 04/30/25 23:29 Analysis SM **EET MID** 1 Total/NA Analysis 8015 NM 109119 04/30/25 15:00 SM **EET MID** Total/NA 109023 Prep 8015NM Prep 10.01 g 10 mL 04/30/25 08:10 FΙ EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 109019 04/30/25 15:00 SM **EET MID** Soluble 04/30/25 17:44 Leach DI Leach 4.96 g 50 mL 109123 SMC **EET MID** Soluble Analysis 300.0 109145 05/01/25 10:28 СН **EET MID**

Client Sample ID: SW-1W-1.5

Date Collected: 04/29/25 08:55

Date Received: 04/29/25 16:35

Lab Sample ID: 880-57498-3

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	109088	04/30/25 12:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	04/30/25 23:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109225	04/30/25 23:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			109119	04/30/25 15:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109023	04/30/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109019	04/30/25 15:20	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109123	04/30/25 17:44	SMC	EET MID
Soluble	Analysis	300.0		1			109145	05/01/25 10:35	CH	EET MID

Client Sample ID: SW-1N-1.5

Date Collected: 04/29/25 09:05

Date Received: 04/29/25 16:35

Lab Sample	ID:	880-57498-4
		Matrix: Solid

		Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Pro	ер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
To	tal/NA	Prep	5035			4.95 g	5 mL	109088	04/30/25 12:47	MNR	EET MID
To	tal/NA	Analysis	8021B		1	5 mL	5 mL	109031	05/01/25 00:10	MNR	EET MID
To	tal/NA	Analysis	Total BTEX		1			109225	05/01/25 00:10	SM	EET MID

Client: TRC Solutions, Inc. Project/Site: Younger Junction

Job ID: 880-57498-1 SDG: Loco Hills NM

Lab Sample ID: 880-57498-4

Matrix: Solid

Client Sample ID: SW-1N-1.5 Date Collected: 04/29/25 09:05

Date Received: 04/29/25 16:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared			
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	8015 NM		1			109119	04/30/25 14:19	SM	EET MID	
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109036	04/30/25 09:17	EL	EET MID	
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109022	04/30/25 14:19	AJ	EET MID	
Soluble	Leach	DI Leach			5.01 g	50 mL	109123	04/30/25 17:44	SMC	EET MID	
Soluble	Analysis	300.0		1			109145	05/01/25 10:42	CH	EET MID	

Lab Sample ID: 880-57498-5

Client Sample ID: SW-1E-1.5 Date Collected: 04/29/25 09:25

Matrix: Solid

Date Received: 04/29/25 16:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	109088	04/30/25 12:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	05/01/25 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109225	05/01/25 00:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			109119	04/30/25 14:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109036	04/30/25 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109022	04/30/25 14:39	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	109123	04/30/25 17:44	SMC	EET MID
Soluble	Analysis	300.0		1			109145	05/01/25 10:48	CH	EET MID

Client Sample ID: SW-2E-1 Lab Sample ID: 880-57498-6 **Matrix: Solid**

Date Collected: 04/29/25 09:40 Date Received: 04/29/25 16:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	109088	04/30/25 12:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	05/01/25 00:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109225	05/01/25 00:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			109119	04/30/25 15:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109036	04/30/25 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109022	04/30/25 15:00	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109123	04/30/25 17:44	SMC	EET MID
Soluble	Analysis	300.0		1			109145	05/01/25 11:09	CH	EET MID

Client Sample ID: DUP-1 SW-2E-1 Lab Sample ID: 880-57498-7

Date Collected: 04/29/25 09:40 Date Received: 04/29/25 16:35

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	109088	04/30/25 12:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109031	05/01/25 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109225	05/01/25 01:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			109119	04/30/25 15:20	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	9.98 g 1 uL	10 mL 1 uL	109036 109022	04/30/25 09:17 04/30/25 15:20	EL AJ	EET MID EET MID

Eurofins Midland

Matrix: Solid

Lab Chronicle

Client: TRC Solutions, Inc.

Job ID: 880-57498-1

Project/Site: Younger Junction

SDG: Loco Hills NM

Client Sample ID: DUP-1 SW-2E-1

Date Collected: 04/29/25 09:40 Date Received: 04/29/25 16:35 Lab Sample ID: 880-57498-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	109123	04/30/25 17:44	SMC	EET MID
Soluble	Analysis	300.0		1			109145	05/01/25 11:15	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

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Accreditation/Certification Summary

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 880-57498-1

SDG: Loco Hills NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date		
Texas	NELAF	Р	T104704400	06-30-25		
The following analytes	are included in this report. bu	it the laboratory is not certif	fied by the governing authority. This lis	t mav include analvtes		
for which the agency do	• •	,	, , ,	,		
5 ,	oco not oner certinoation.					
Analysis Method	Prep Method	Matrix	Analyte			
ů ,		Matrix Solid	Analyte Total TPH			

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Method Summary

Client: TRC Solutions, Inc. Project/Site: Younger Junction

Job ID: 880-57498-1 SDG: Loco Hills NM

/lethod	Method Description	Protocol	Laboratory	
3021B	Volatile Organic Compounds (GC)	SW846	EET MID	
otal BTEX	Total BTEX Calculation	TAL SOP	EET MID	
015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID	
015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID	
800.0	Anions, Ion Chromatography	EPA	EET MID	
6035	Closed System Purge and Trap	SW846	EET MID	
015NM Prep	Microextraction	SW846	EET MID	
Ol 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 MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

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Sample Summary

Client: TRC Solutions, Inc.
Project/Site: Younger Junction

Job ID: 880-57498-1 SDG: Loco Hills NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57498-1	BS-1A-3	Solid	04/29/25 08:20	04/29/25 16:35
880-57498-2	BS-1B-3	Solid	04/29/25 08:35	04/29/25 16:35
880-57498-3	SW-1W-1.5	Solid	04/29/25 08:55	04/29/25 16:35
880-57498-4	SW-1N-1.5	Solid	04/29/25 09:05	04/29/25 16:35
880-57498-5	SW-1E-1.5	Solid	04/29/25 09:25	04/29/25 16:35
880-57498-6	SW-2E-1	Solid	04/29/25 09:40	04/29/25 16:35
880-57498-7	DUP-1 SW-2F-1	Solid	04/29/25 09:40	04/29/25 16:35

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Received by OCD: 6/12/2025 1:07:43 PM

Revised Date: 08/25/2020 Rev. 2020.2

Environment Testing

Xenco

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



	N-x ha	(:11	20 - 1		Dill to the	1100	Т										ww	880	0-57498 C	hain of	Custody	191111111
Project Manager:	bryon	GIIE			Bill to: (if										D	LICT	mcT [<u>·</u>] PRP∏	Brownfiel	uda 🗀 n	DC Cure	-E 4
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Project Name:	Younge	www	nction	Turr	Around							AN	ALYSIS F	REQUE	ST					Preser	vative Codes	
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Project Location:	LOCO 1	61150	M	Due Date:	481	15			0										Coo	l: Cool	MeOH: N	Лe
Sampler's Name:	Screek V			TAT starts the		1			0										HCL	: HC	HNO 3: H	IN
PO #:	0.301	69		the lab, if red	ceived by 4:3				3	0									H ₂ St	0 ₄ : H ₂	NaOH: N	a
SAMPLE RECEIPT	Temp	Blank:	Yes Wo	Wet Ice:	CYes	No 2 %			OS (GO) MEDIONO	300									H ₃ P	O ₄ : HP		
Samples Received In			Thermomet	er ID:	TI	28		2	3	w									NaH	SO 4: NA	BIS	
Cooler Custody Seals			Correction F	actor:		-1		80	8	9									Na ₂	S ₂ O ₃ : Na	SO ₃	
Sample Custody Sea			Temperatur	re Reading:	4	4	١ (0	0	,									Zn A	\cetate+	NaOH: Zn	
Total Containers:			Corrected T	emperature:	4	.3		TX	00	Mori									NaC	H+Ascoi	bic Acid: SAPC	
Sample Iden	tification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ #	of)		TP H	5										Sampl	e Comments	
BS-1A-3		5	42925	820	3	CI)	X	X	X												
BS-1B-3		5	412925	835	3	CI	A	2	V	X												
SW-112-	1.5	3	4129/25	855	1.5	CI	1		X	X												
SW-1N-1	5	5	4/2925	905	15	C 1	×		X	X												
5.1-1E-1	1.5	S	4/29/24	923	1.5	CI	X		X	X												
5. W- 2E-1		3		940	1	CI)	X	X	χ												
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Total 200.7 / 60		/ 6020:		RCRA 13P															Na Sr TI S 245.1 / 74			
Circle Method(s						: 8RCRA											ng:	. 1031/	243.1 / /4	/0 / /4	/ 1	
Notice: Signature of this do of service. Eurofins Xenco of Eurofins Xenco. A minin	will be liable only for t	he cost of san	nples and shall no	t assume any resp	onsibility for a	any losses or ex	penses i	incurre	d by the	client if	such loss	es are due to	circumsta	nces bey	ond the cont	rol						
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Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 880-57498-1 SDG Number: Loco Hills NM

List Source: Eurofins Midland

Login Number: 57498 List Number: 1

Creator: Kramer, Jessica

Sample containers have legible labels.

Containers are not broken or leaking.

Sample bottles are completely filled.

Sample Preservation Verified.

MS/MSDs

<6mm (1/4").

Sample collection date/times are provided.

There is sufficient vol. for all requested analyses, incl. any requested

Containers requiring zero headspace have no headspace or bubble is

Appropriate sample containers are used.

Question Answer Comment The cooler's custody seal, if present, is intact. N/A N/A Sample custody seals, if present, are intact. The cooler or samples do not appear to have been compromised or True tampered with. Samples were received on ice. True True Cooler Temperature is acceptable. 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 True HTs)

True

True

True

True

True

True

True

N/A



Site: Holly Younger Junction

Location: Loco Hills, NM

Client Name: HF SinclairMidstream

Project #: 650142

Laboratory: Eurofins Environment Testing, Midland, TX

Lab Report #: 880-57498-1

Reviewer: Nancy Bergstrom
Peer Reviewer: Elizabeth Denly

Review Date: 5/27/2025

Analytical Method(s):

-Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) with Benzene, Toluene, Ethylbenzene, m,p-Xylenes, o-Xylene, and Xylenes, Total by SW-846 Method 8021B -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

Matrices Sampled:

Sample Collection Date(s):

4/29/2025

Sampling Objective(s):

Release Response Investigation

Sample IDs (List IDs or attach COC):

BS-1A-3, BS-1B-3, SW-1W-1.5, SW-1N-1.5, SW-1E-1.5, SW-2E-1, DUP 1(SW-2E-1)

Revi	ew Item or Question	Υ	N	NA	Comments ^a (please add comment for each item with a checked shaded box)
Chain	of-Custody and Data Completeness				
1	Was COC appropriately completed?	Χ			
2	Did the laboratory report correct sample IDs?		Х		The laboratory logged in the sample ID for DUP 1(SW-2E-1) as DUP-1 SW-2E-1
3	Do the laboratory reported sample collection dates and times agree with the COC forms?	Х			
4	Are results reported for all analytical methods requested?	Х			
5	Are results reported for all samples submitted for analysis?	Х			



Revi	ew Item or Question	Y	N	NA	Commentsa (please add comment for each item with a checked shaded box)
6	Were the requested analytical methods used?	Χ			
7	Are results reported for all target analytes, but no additional analytes?	Х			
8	SOIL/SEDIMENT ONLY: Were soil/sediment results reported on a dry weight basis?		Х		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?		Х		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?	Х			
Sampl	e Preservation				
11a	Did samples arrive at the laboratory appropriately preserved?	Х			
11b	Was the cooler temperature between 0-6°C?	Х			
11c	Was acid used for preservation when required (e.g., aqueous VOC and metals samples)?			Х	
11d	SOIL/SEDIMENT ONLY: Were soil/sediment VOC samples preserved in the field or collected in EnCore® samplers?		Х		All samples were collected in 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.)?	Х			
13	Were any issues noted by the laboratory upon receipt?		Х		
14a	AIR ONLY: Were canisters received with an acceptable vacuum?			Х	
14b	AIR ONLY: Were the RPDs between the initial and final canister flow controller calibrations <20?			х	



ew Item or Question	Y	N	NA	Comments ^a (please add comment for each item with a checked shaded box)
Were sample preparation and analysis holding time requirements met?	Х			
ting Limits				
Do the reporting limits meet the project specifications (e.g., QAPP or Work Plan)?	Х			
Were dilutions performed? If so, note sample(s) and parameters(s) affected and the dilution factor(s).		Х		
Did the laboratory provide an adequate explanation as to why dilutions were performed?			х	
Results				
s ^b				
Were target analytes detected in the method blanks? If yes, list contaminants, concentrations detected and associated samples.		х		
Does each analytical or preparation batch have its own method blank?	Х			
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).			х	Field blank samples were not submitted with this data set.
Are there any potential false positive results based on questions 19 and/or 21?		х		
atory Control Spikes ^c				
Are LCS/LCSD recoveries within QC limits? If no, list analytes affected, the LCS/LCSD recoveries, and the affected samples.		х		The LCSD percent recovery (%R) for GRO (67%) was below the laboratory control limits (70-130%). The nondetect results for GRO in all samples in this data set and the nondetect results for total TPH in samples SW-1W-1.5, SW-1N-1.5, SW-1E-1.5, SW-2E-1, and DUP 1(SW-2E-1) may be considered estimated (UJ). The positive results for total TPH in samples BS-1A-3 and BS-1B-3 did not require qualification as the total results were due to detections of DRO.
	time requirements met? ting Limits Do the reporting limits meet the project specifications (e.g., QAPP or Work Plan)? Were dilutions performed? If so, note sample(s) and parameters(s) affected and the dilution factor(s). Did the laboratory provide an adequate explanation as to why dilutions were performed? Results b Were target analytes detected in the method blanks? If yes, list contaminants, concentrations detected and associated samples. Does each analytical or preparation batch have its own method blank? 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). Are there any potential false positive results based on questions 19 and/or 21? atory Control Spikes ^c Are LCS/LCSD recoveries within QC limits? If no, list analytes affected, the LCS/LCSD	time requirements met? X X X X X X X X X X X X X	time requirements met? X ting Limits Do the reporting limits meet the project specifications (e.g., QAPP or Work Plan)? Were dilutions performed? If so, note sample(s) and parameters(s) affected and the dilution factor(s). Did the laboratory provide an adequate explanation as to why dilutions were performed? Were target analytes detected in the method blanks? If yes, list contaminants, concentrations detected and associated samples. Does each analytical or preparation batch have its own method blank? 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). Are there any potential false positive results based on questions 19 and/or 21? Atory Control Spikes ^c Are LCS/LCSD recoveries within QC limits? If no, list analytes affected, the LCS/LCSD recoveries and the affected samples	time requirements met? X ting Limits Do the reporting limits meet the project specifications (e.g., QAPP or Work Plan)? Were dilutions performed? If so, note sample(s) and parameters(s) affected and the dilution factor(s). Did the laboratory provide an adequate explanation as to why dilutions were performed? X X Results Were target analytes detected in the method blanks? If yes, list contaminants, concentrations detected and associated samples. Does each analytical or preparation batch have its own method blank? 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). Are there any potential false positive results based on questions 19 and/or 21? atory Control Spikes ^c Are LCS/LCSD recoveries within QC limits? If no, list analytes affected, the LCS/LCSD recoveries and the affected samples



Revi	ew Item or Question	Y	N	NA	Commentsa (please add comment for each item with a checked shaded box)
24	Does each analytical or preparation batch have its own LCS?	Х			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.	Х			
Matrix	Spikes ^c Note: If not performed on a proj	ect san	ple. eval	uation	is not required.
26	Are MS/MSD recoveries within QC limits? If no, list analytes affected, the MS/MSD recoveries and the sample that was spiked.	Х			MS/MSD analyses were performed on the following sample from this data set: -BS-1A-3 for BTEX and chloride
27	Are MS/MSD RPDs within QC limits? If no, list analytes affected, the RPDs and the sample that was spiked.	Х			
Surro	gates ^c				
28	ORGANIC ANALYSES ONLY: Are surrogate recoveries within QC limits? If no, list samples, surrogate recoveries and analytes affected.		Х		The surrogate %R for 1,4-difluorobenzene (61%) was below the laboratory control limits (70-130%) in sample BS-1A-3. The positive result for ethylbenzene in sample BS-1A-3 may be considered estimated (J-) with a potential low bias. The nondetect results for benzene, toluene, m-xylene & p-xylene, o-xylene, xylenes, total, and total BTEX may be considered estimated (UJ). The surrogate %Rs for 1-chloroocatne (148%) and o-terphenyl (135%) were above the laboratory control limits (70-130%) in sample DUP 1(SW-2E-1). The nondetect results for GRO, DRO, ORO, and total TPH did not require qualification.
Duplic	cates ^c Note: If not performed on a proj	ect san	nple, eva	luation	is not required.
29	Are laboratory duplicate RPDs within QC limits? If no, list analytes affected, the RPDs and the sample that was prepared/analyzed in duplicate.			х	Laboratory duplicate analyses were not performed on a sample from this data set.
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 the field duplicate pair with this sample set: SW-2E-1 and DUP 1(SW-2D-1) RPD criteria were met for the detected analytes.

ECR Practice November 2022



Revi	ew Item or Question	Y	N	NA	Commentsa (please add comment for each item with a checked shaded box)
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 note: Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-109036/2-A) and (LCSD 880-109036/3-A). Percent recoveries are based on the amount spiked. No validation actions are required on this basis.
32	Were any other potential data quality issues identified? If yes, describe issues.		Х		
33	Do any results look questionable? If yes, ASK THE LAB.		Х		
34	Has the EDD been compared to the lab report?	Х			

Notes:

After data tables are created, check that reporting limits are below the project action levels (e.g., screening criteria, remediation standards, etc.) and compare data with historical results, if applicable. List any findings from this evaluation, when applicable, in the Additional Comments box above.

- Comments generally need to be addressed in the TRC deliverable presenting the laboratory data, but this will be dependent on project requirements.
- b Check if local or regional criteria for blank assessments are available; these will supersede criteria in this checklist.
- Use QC limits in QAPP, if available. If not, use QC limits provided by laboratory in data package.

The EPA Superfund Contract Laboratory Program (CLP) National Functional Guidelines (NFGs) for Data Review (November, 2020) or most recent version found here:

https://www.epa.gov/clp/superfund-clp-national-functional-guidelines-data-review

are typically used for data review guidelines when other project or state/regulatory data review guidance is not available. Project and state/regulatory data review guidance should be used and cited when applicable.

ECR Practice November 2022



Review Item or Question

Y

N

NA

Comments^a
(please add comment for each item with a checked shaded box)

Abbreviations:

BTEX Benzene, Toluene, Ethylbenzene, Xylenes

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

MS/MSD Matrix Spike / Matrix Spike Duplicate

ORO Oil Range Organics

QAPP Quality Assurance Project Plan

QC Quality Control

RPD Relative Percent Difference
TPH Total Petroleum Hydrocarbons
VOC Volatile Organic Compound

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel TRC Solutions, Inc. 10 Desta Drive Suite #410E Midland, Texas 79705

Generated 5/15/2025 5:03:28 PM

JOB DESCRIPTION

Younger Junction Loco Hills, NM

JOB NUMBER

880-58159-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

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 5/15/2025 5:03:28 PM

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

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Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Page 2 of 20

5/15/2025

Released to Imaging: 7/31/2025 3:06:40 PM

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Laboratory Job ID: 880-58159-1 SDG: Loco Hills, NM

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Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 880-58159-1 Project/Site: Younger Junction SDG: Loco Hills, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier **Qualifier Description** Indicates the analyte was analyzed for but not detected. U

Indicates the analyte was analyzed for but not detected.

HPLC/IC

U

Qualifier **Qualifier Description** F1 MS and/or MSD recovery exceeds control limits.

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" Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) ML MPN Most Probable Number Method Quantitation Limit MQL

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)

Reporting Limit or Requested Limit (Radiochemistry) RL

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.

Job ID: 880-58159-1

Project: Younger Junction

Job ID: 880-58159-1 Eurofins Midland

Job Narrative 880-58159-1

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 5/14/2025 2:43 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 -3.4°C.

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-110128 and analytical batch 880-110089 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.

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

Diesel Range Organics

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 Chloride matrix spike (MS) recoveries for preparation batch 880-110182 and analytical batch 880-110189 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

The associated samples are: SW-3E-2.5A (880-58159-1), SW-3N-2.5A (880-58159-2) and (880-58159-A-1-D MS).

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

Eurofins Midland

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Matrix: Solid

Lab Sample ID: 880-58159-1

Client Sample Results

Client: TRC Solutions, Inc.

Job ID: 880-58159-1

Project/Site: Younger Junction

SDG: Loco Hills, NM

Client Sample ID: SW-3E-2.5A

Date Collected: 05/13/25 12:35 Date Received: 05/14/25 14:43

Sample Depth: 2.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/14/25 16:30	05/15/25 05:25	1
Toluene	<0.00199	U *-	0.00199	mg/Kg		05/14/25 16:30	05/15/25 05:25	1
Ethylbenzene	<0.00199	U *-	0.00199	mg/Kg		05/14/25 16:30	05/15/25 05:25	1
m-Xylene & p-Xylene	<0.00398	U *-	0.00398	mg/Kg		05/14/25 16:30	05/15/25 05:25	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/14/25 16:30	05/15/25 05:25	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/14/25 16:30	05/15/25 05:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130			05/14/25 16:30	05/15/25 05:25	1
1,4-Difluorobenzene (Surr)	84		70 - 130			05/14/25 16:30	05/15/25 05:25	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			05/15/25 05:25	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result <50.0	Qualifier	•	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 05/15/25 15:29	Dil Fac
Analyte	<50.0	Qualifier U	50.0		<u>D</u>	Prepared		
Analyte Total TPH	<50.0	Qualifier U	50.0		<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: SW846 8015B NM - Dies	<50.0	Qualifier U unics (DRO) Qualifier	RL 50.0	mg/Kg		<u> </u>	05/15/25 15:29	1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0 sel Range Orga Result	Qualifier U unics (DRO) Qualifier U	RL 50.0 (GC)	mg/Kg		Prepared	05/15/25 15:29 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	<50.0 sel Range Orga Result <50.0	Qualifier U unics (DRO) Qualifier U	(GC) RL 50.0	mg/Kg Unit mg/Kg		Prepared 05/14/25 16:21	05/15/25 15:29 Analyzed 05/15/25 15:29	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 sel Range Orga Result <50.0 <50.0	Qualifier U unics (DRO) Qualifier U U	RL 50.0 (GC) RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 05/14/25 16:21 05/14/25 16:21	05/15/25 15:29 Analyzed 05/15/25 15:29 05/15/25 15:29	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<50.0 sel Range Orga Result <50.0 <50.0 <50.0	Qualifier U unics (DRO) Qualifier U U	RL 50.0 (GC) RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 05/14/25 16:21 05/14/25 16:21 05/14/25 16:21	05/15/25 15:29 Analyzed 05/15/25 15:29 05/15/25 15:29 05/15/25 15:29	1 Dil Fac

Client Sample ID: SW-3N-2.5A

Date Collected: 05/13/25 12:45

Date Received: 05/14/25 14:43

Sample Depth: 2.5

Analyte

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		05/14/25 16:30	05/15/25 05:45	1
Toluene	<0.00198	U *-	0.00198	mg/Kg		05/14/25 16:30	05/15/25 05:45	1
Ethylbenzene	<0.00198	U *-	0.00198	mg/Kg		05/14/25 16:30	05/15/25 05:45	1
m-Xylene & p-Xylene	<0.00396	U *-	0.00396	mg/Kg		05/14/25 16:30	05/15/25 05:45	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		05/14/25 16:30	05/15/25 05:45	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		05/14/25 16:30	05/15/25 05:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			05/14/25 16:30	05/15/25 05:45	1

RL

9.96

Unit

mg/Kg

D

Prepared

Analyzed

05/15/25 09:12

Lab Sample ID: 880-58159-2

Dil Fac

Matrix: Solid

Result Qualifier

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Matrix: Solid

Lab Sample ID: 880-58159-2

05/15/25 09:34

Client Sample Results

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 880-58159-1
SDG: Loco Hills, NM

Client Sample ID: SW-3N-2.5A

Date Collected: 05/13/25 12:45 Date Received: 05/14/25 14:43

Sample Depth: 2.5

Chloride

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130			05/14/25 16:30	05/15/25 05:45	1
Method: TAL SOP Total BTEX - To	otal BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			05/15/25 05:45	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			05/15/25 15:44	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)	3 3				
Method: SW846 8015B NM - Dies	eal Range Orga	nice (DPO)	(GC)	3' 3				
Analyte	Result	Qualifier	RL	Unit	<u>D</u>	Prepared 05/14/25 16:21	Analyzed	Dil Fac
Analyte Gasoline Range Organics		Qualifier			<u>D</u>	Prepared 05/14/25 16:21	Analyzed 05/15/25 15:44	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result	Qualifier U	RL	Unit	<u>D</u>			1
Analyte	Result <49.9	Qualifier U	RL 49.9	<mark>Unit</mark> mg/Kg	<u>D</u>	05/14/25 16:21	05/15/25 15:44	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.9	Qualifier U	RL 49.9	<mark>Unit</mark> mg/Kg	<u> </u>	05/14/25 16:21	05/15/25 15:44	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.9	Qualifier U U U	RL 49.9	Unit mg/Kg mg/Kg	<u>D</u>	05/14/25 16:21 05/14/25 16:21	05/15/25 15:44 05/15/25 15:44	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <49.9 <49.9 <49.9	Qualifier U U U	RL 49.9 49.9 49.9	Unit mg/Kg mg/Kg	<u>D</u>	05/14/25 16:21 05/14/25 16:21 05/14/25 16:21	05/15/25 15:44 05/15/25 15:44 05/15/25 15:44	1

9.92

mg/Kg

164

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 880-58159-1 Project/Site: Younger Junction SDG: Loco Hills, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Reco
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-58110-A-1-C MS	Matrix Spike	103	105	
880-58110-A-1-D MSD	Matrix Spike Duplicate	105	108	
880-58159-1	SW-3E-2.5A	94	84	
880-58159-2	SW-3N-2.5A	90	98	
LCS 880-110128/1-A	Lab Control Sample	106	102	
LCSD 880-110128/2-A	Lab Control Sample Dup	104	99	
MB 880-110097/5-A	Method Blank	88	94	
MB 880-110128/5-A	Method Blank	85	90	
Surrogate Legend				
BFB = 4-Bromofluoroben	zene (Surr)			

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

-			
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-58159-1	SW-3E-2.5A	70	70
880-58159-2	SW-3N-2.5A	72	71
890-8159-A-1-B MS	Matrix Spike	77	70
890-8159-A-1-C MSD	Matrix Spike Duplicate	75	71
LCS 880-110147/2-A	Lab Control Sample	82	78
LCSD 880-110147/3-A	Lab Control Sample Dup	81	77
MB 880-110147/1-A	Method Blank	77	79

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc. Job ID: 880-58159-1 SDG: Loco Hills, NM Project/Site: Younger Junction

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-110097/5-A

Matrix: Solid

Analysis Batch: 110089

Client	Sample	ID:	Method	Blank

Prep Type: Total/NA

Prep Batch: 110097

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/25 08:43	05/14/25 11:10	
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/25 08:43	05/14/25 11:10	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/25 08:43	05/14/25 11:10	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/14/25 08:43	05/14/25 11:10	
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/25 08:43	05/14/25 11:10	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/14/25 08:43	05/14/25 11:10	

мв мв

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepare	₽d	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	05/14/25 0	8:43	05/14/25 11:10	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/14/25 0	8:43	05/14/25 11:10	1

Lab Sample ID: MB 880-110128/5-A

Matrix: Solid

Analysis Batch: 110089

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

Prep Batch: 110128

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/25 11:47	05/14/25 21:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/25 11:47	05/14/25 21:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/25 11:47	05/14/25 21:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/14/25 11:47	05/14/25 21:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/25 11:47	05/14/25 21:50	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/14/25 11:47	05/14/25 21:50	1

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Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	05/14/25 11:47	05/14/25 21:50	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/14/25 11:47	05/14/25 21:50	1

Lab Sample ID: LCS 880-110128/1-A

Matrix: Solid

Analysis Batch: 110089

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 110128**

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.07097		mg/Kg		71	70 - 130	
Toluene	0.100	0.06565	*-	mg/Kg		66	70 - 130	
Ethylbenzene	0.100	0.06730	*-	mg/Kg		67	70 - 130	
m-Xylene & p-Xylene	0.200	0.1329	*-	mg/Kg		66	70 - 130	
o-Xylene	0.100	0.07694		mg/Kg		77	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	106	70 - 130
1.4-Difluorobenzene (Surr)	102	70 - 130

Lab Sample ID: LCSD 880-110128/2-A

Matrix: Solid

Analysis Batch: 110089

Client Sample	ID: Lab Control	Sample Dup
	Dunin Ti	T-4-1/NIA

Prep Type: Total/NA

Prep Batch: 110128

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.07362		mg/Kg		74	70 - 130	4	35

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QC Sample Results

Client: TRC Solutions, Inc. Job ID: 880-58159-1 Project/Site: Younger Junction SDG: Loco Hills, NM

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

Lab Sample ID: LCSD 880-110128/2-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 110089 **Prep Batch: 110128** Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit D Toluene 0.100 0.06767 68 70 - 130 35 mg/Kg 3 Ethylbenzene 0.100 0.07145 mg/Kg 71 70 - 130 35 0.200 m-Xylene & p-Xylene 0.1538 77 70 - 130 35 mg/Kg 15

0.07728

mg/Kg

77

70 - 130

0

Prep Batch: 110128

0.100

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-58110-A-1-C MS Client Sample ID: Matrix Spike Prep Type: Total/NA

Matrix: Solid

o-Xylene

Analysis Batch: 110089

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.08590		mg/Kg		86	70 - 130
Toluene	<0.00200	U *-	0.100	0.07666		mg/Kg		77	70 - 130
Ethylbenzene	<0.00200	U *-	0.100	0.07871		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00399	U *-	0.200	0.1400		mg/Kg		70	70 - 130
o-Xylene	< 0.00200	U	0.100	0.07135		mg/Kg		71	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-58110-A-1-D MSD Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 110089									Prep I	Batch: 1	10128
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.08218		mg/Kg		82	70 - 130	4	35
Toluene	<0.00200	U *-	0.100	0.07310		mg/Kg		73	70 - 130	5	35
Ethylbenzene	<0.00200	U *-	0.100	0.08133		mg/Kg		81	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U *-	0.200	0.1410		mg/Kg		71	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.07215		mg/Kg		72	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

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

Lab Sample ID: MB 880-110147/1-A	Client Sample ID: Method Blank
Matrix: Solid	Prep Type: Total/NA
Analysis Batch: 110223	Prep Batch: 110147
MB MB	

Result Qualifier RL Unit Prepared Dil Fac <50.0 U 50.0 mg/Kg 05/14/25 15:14 05/15/25 07:47 Gasoline Range Organics (GRO)-C6-C10

Client: TRC Solutions, Inc. Project/Site: Younger Junction

Job ID: 880-58159-1

SDG: Loco Hills, NM

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

Lab Sample ID: MB 880-110147/1-A

Matrix: Solid

Analysis Batch: 110223

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 110147

	INID	IVID						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/14/25 15:14	05/15/25 07:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/14/25 15:14	05/15/25 07:47	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Pi	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	05/1	14/25 15:14	05/15/25 07:47	1
o-Terphenyl	79		70 - 130	05/1	14/25 15:14	05/15/25 07:47	1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-110147/2-A Matrix: Solid Prep Type: Total/NA

Analysis Batch: 110223 **Prep Batch: 110147**

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1052		mg/Kg		105	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	977.5		mg/Kg		98	70 - 130	
C10-C28)								

LCS LCS

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	82		70 - 130
o-Terphenyl	78		70 - 130

Lab Sample ID: LCSD 880-110147/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 110223

Prep Type: Total/NA **Prep Batch: 110147**

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	1050		mg/Kg		105	70 - 130	0	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	998.2		mg/Kg		100	70 - 130	2	20	
C10-C28)										

	LUJD	LUSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	77		70 - 130

Lab Sample ID: 890-8159-A-1-B MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 110223

Prep Type: Total/NA

Prep Batch: 110147

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1028		mg/Kg		102	70 - 130
Diesel Range Organics (Over	<49.9	U	996	945.7		mg/Kg		92	70 - 130

C10-C28)

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	70		70 - 130

Client: TRC Solutions, Inc. Job ID: 880-58159-1 Project/Site: Younger Junction SDG: Loco Hills, NM

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

Lab Sample ID: 890-8159-A-1-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Analysis Batch: 110223 Prep Type: Total/NA **Prep Batch: 110147**

Sample Sample Spike MSD MSD Result Qualifier RPD Limit Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics <49.9 U 996 981.0 mg/Kg 97 70 - 130 5 20 (GRO)-C6-C10 996 Diesel Range Organics (Over <49.9 U 973.1 mg/Kg 95 70 - 130 3

C10-C28)

MSD MSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	75	70 - 130
o-Terphenyl	71	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-110182/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 110189

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Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			05/15/25 08:51	1

Lab Sample ID: LCS 880-110182/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 110189

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	 250	246.9		mg/Kg		99	90 - 110	

Lab Sample ID: LCSD 880-110182/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 110189

	Spike	LCSD	LCSD			%Rec		RPD	
Analyte	Added	Result	Qualifier Ur	nit D	%Rec	Limits	RPD	Limit	
Chloride	250	2/7 1		a/Ka —		00 110		20	

Lab Sample ID: 880-58159-1 MS Client Sample ID: SW-3E-2.5A **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 110189

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	157	F1	249	433 7	F1	ma/Ka		111	90 - 110	

Lab Sample ID: 880-58159-1 MSD Client Sample ID: SW-3E-2.5A

Matrix: Solid

Analysis Batch: 110189

Allalysis Datell. 110103											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	157	F1	249	425.8		mg/Kg		108	90 - 110	2	20

Eurofins Midland

Prep Type: Soluble

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 880-58159-1

SDG: Loco Hills, NM

GC VOA

Analysis Batch: 110089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58159-1	SW-3E-2.5A	Total/NA	Solid	8021B	110128
880-58159-2	SW-3N-2.5A	Total/NA	Solid	8021B	110128
MB 880-110097/5-A	Method Blank	Total/NA	Solid	8021B	110097
MB 880-110128/5-A	Method Blank	Total/NA	Solid	8021B	110128
LCS 880-110128/1-A	Lab Control Sample	Total/NA	Solid	8021B	110128
LCSD 880-110128/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	110128
880-58110-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	110128
880-58110-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	110128

Prep Batch: 110097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-110097/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 110128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58159-1	SW-3E-2.5A	Total/NA	Solid	5035	
880-58159-2	SW-3N-2.5A	Total/NA	Solid	5035	
MB 880-110128/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-110128/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-110128/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-58110-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-58110-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 110208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58159-1	SW-3E-2.5A	Total/NA	Solid	Total BTEX	
880-58159-2	SW-3N-2.5A	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 110147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58159-1	SW-3E-2.5A	Total/NA	Solid	8015NM Prep	
880-58159-2	SW-3N-2.5A	Total/NA	Solid	8015NM Prep	
MB 880-110147/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-110147/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-110147/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8159-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8159-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 110223

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58159-1	SW-3E-2.5A	Total/NA	Solid	8015B NM	110147
880-58159-2	SW-3N-2.5A	Total/NA	Solid	8015B NM	110147
MB 880-110147/1-A	Method Blank	Total/NA	Solid	8015B NM	110147
LCS 880-110147/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	110147
LCSD 880-110147/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	110147
890-8159-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	110147
890-8159-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	110147

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Client: TRC Solutions, Inc.
Project/Site: Younger Junction

Job ID: 880-58159-1 SDG: Loco Hills, NM

GC Semi VOA

Analysis Batch: 110266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58159-1	SW-3E-2.5A	Total/NA	Solid	8015 NM	
880-58159-2	SW-3N-2.5A	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 110182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58159-1	SW-3E-2.5A	Soluble	Solid	DI Leach	
880-58159-2	SW-3N-2.5A	Soluble	Solid	DI Leach	
MB 880-110182/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-110182/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-110182/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-58159-1 MS	SW-3E-2.5A	Soluble	Solid	DI Leach	
880-58159-1 MSD	SW-3E-2.5A	Soluble	Solid	DI Leach	

Analysis Batch: 110189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58159-1	SW-3E-2.5A	Soluble	Solid	300.0	110182
880-58159-2	SW-3N-2.5A	Soluble	Solid	300.0	110182
MB 880-110182/1-A	Method Blank	Soluble	Solid	300.0	110182
LCS 880-110182/2-A	Lab Control Sample	Soluble	Solid	300.0	110182
LCSD 880-110182/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	110182
880-58159-1 MS	SW-3E-2.5A	Soluble	Solid	300.0	110182
880-58159-1 MSD	SW-3E-2.5A	Soluble	Solid	300.0	110182

Eurofins Midland

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Client: TRC Solutions, Inc.
Project/Site: Younger Junction

Job ID: 880-58159-1 SDG: Loco Hills, NM

Lab Sample ID: 880-58159-1

Matrix: Solid

Date Collected: 05/13/25 12:35 Date Received: 05/14/25 14:43

Client Sample ID: SW-3E-2.5A

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	110128	05/14/25 16:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110089	05/15/25 05:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			110208	05/15/25 05:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			110266	05/15/25 15:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110147	05/14/25 16:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110223	05/15/25 15:29	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	110182	05/15/25 07:54	SA	EET MID
Soluble	Analysis	300.0		1			110189	05/15/25 09:12	SMC	EET MID

Client Sample ID: SW-3N-2.5A Lab Sample ID: 880-58159-2

Date Collected: 05/13/25 12:45 Matrix: Solid

Date Received: 05/14/25 14:43

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	110128	05/14/25 16:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110089	05/15/25 05:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			110208	05/15/25 05:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			110266	05/15/25 15:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110147	05/14/25 16:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110223	05/15/25 15:44	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110182	05/15/25 07:54	SA	EET MID
Soluble	Analysis	300.0		1			110189	05/15/25 09:34	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 880-58159-1

SDG: Loco Hills, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date		
Texas	NELA	Р	T104704400	06-30-25		
• ,	are included in this report, bu	ut the laboratory is not certif	fied by the governing authority. This lis	t may include analytes		
Analysis Method	Prep Method	Matrix	Analyte			
8015 NM		Solid	Total TPH			
Total BTEX		Solid	Total BTEX			

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Method Summary

Client: TRC Solutions, Inc.
Project/Site: Younger Junction

Job ID: 880-58159-1 SDG: Loco Hills, NM

Method	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
3015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
3015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
3015NM Prep	Microextraction	SW846	EET MID
I 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 MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

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Sample Summary

Client: TRC Solutions, Inc. Project/Site: Younger Junction Job ID: 880-58159-1

SDG: Loco Hills, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Dept
880-58159-1	SW-3E-2.5A	Solid	05/13/25 12:35	05/14/25 14:43	2.5
880-58159-2	SW-3N-2.5A	Solid	05/13/25 12:45	05/14/25 14:43	2.5



Environment Testing Xenco

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

						HODDS	s, 14141 (v	113) 39.	2-1330	, Carisi	Jau, Nivi	(373)	300-318				,	380-59	1150 (Chain d					_
Project Manager:	Bryan Gilbert				Bill to: (if	different	t)								_				109 (Jilaili (or Cus	tody			
Company Name:	TRC				Compan	y Name	e:									Progr	am: U	ST/PS	T 🗌 F	'RP[Brown	nfields 🗌 l	RRC 🗌	Superfund	
Address:	505 E Huntlar	nd, Suite	250		Address												of Pro	-							
City, State ZIP:	Austin, TX 78	3752			City, Sta	te ZIP:										Repo	rting: L	evel II	Le	vel III [☐ PS1	T/UST 🔲 1	TRRP [Level IV	긔
Phone:	512.329.6080			Email:	bgilbert	@trccc	mpar	ies.co	om, js	toffel(trcco	mpar	nies.co	m		Delive	erables	EDC	, 🗆	1	ADaPT		Other:		
	Voun	ger June	ction		Around									YSIS	RFO	UEST						Pres	ervativ	re Codes	司
Project Name: Project Number:		650142	Stion	Routine	Rus	h	Pres. Code															None: NO		DI Water: H ₂	ᅴ
		o Hills, I	NA.	Due Date:			Code															Cool: Cool		MeOH: Me	<u> </u>
Project Location: Sampler's Name:		nah Glo		TAT starts th	e day rece	ived by																HCL: HC		HNO ₃ : HN	
PO #:		230189	4011	the lab, if red			y														1 1	H ₂ S0 ₄ : H ₂		NaOH: Na	
SAMPLE RECE	1	Blank:	Yes No	Wet Ice:	Yes	No	Parameters															H-PO HF	0		
Samples Received I			Thermomete	r ID:	1/2	4	ram															NaHSO. I	NABIS		-
Cooler Custody Sea		11	Correction Fa	actor:		. 0	Pa															Na S O	NaSO ₃		1
Sample Custody Sea	als: Yes N	lo (N/A	Temperature	Reading:	-3	. 3																Zn Acetate	+NaOH	I: Zn	
Total Containers:		_	Corrected Te	emperature:	-3	.4		8021	15													NaOH+As	corbic A	cid SAPC	
Sample Ide	ntification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	втех 8	TPH 8015	Chloride												Sam	ple Co	mments	
SW-3E	-2.5A	S	05/13/25	1235	2.5		1	Х	Х	Х												- 2	24-hour	rush	
SW-3N	I-2.5A	S	05/13/25	1245	2.5		1	Х	X	X												2	24-hour	rush	
Total 200.7 / 6	010 200.8 /	6020:	8F	RCRA 13P	PM Tex	as 11	AI S	b As	Ba I	Ве В	Cd C	a Cr	Co C	u Fe	Pb I	Vlg N	n Mo	Ni k	Se	Ag S	iO ₂ N	a Sr TI	Sn U \	√ Zn	
Circle Method(s)				TCLP / S																		245.1 / 74			
Notice: Signature of this of service. Eurofins Xer of Eurofins Xenco. A m	oo will be liable on	y for the co	est of samples and	d shall not assu	me any resi	oonsibilit	v for an	v losses	or exp	enses i	ncurred	by the c	lient if s	uch loss	ses are	due to	circums	tances	beyond	the con	ntrol				
Relinquished b	y: (Signature)		Receive	ed by: (Signa	ature)			Date	/Time	9	Re	linqui	ished	by: (Si	gnatu	ıre)		Rece	ived I	by: (Si	ignatu	re)	D	ate/Time	
MADIOLO			1	PA	1		1	1/25	10	143	2														٦









Revised Date 08/25/2020 Rev 2020 2

5/15/2025

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 880-58159-1 SDG Number: Loco Hills, NM

List Source: Eurofins Midland

Login Number: 58159 List Number: 1

Creator: Vasquez, Julisa

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	



Site: Holly Younger Junction Laboratory: Eurofins Environment Testing, Midland, TX Location: Loco Hills, NM Lab Report #: 880-58159-1 Client Name: HF SinclairMidstream Reviewer: Nancy Bergstrom Project #: 650142 Peer Reviewer: Elizabeth Denly **Review Date:** 5/27/2025 Analytical Method(s): **Matrices Sampled:** Sample Collection Date(s): -Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) 5/13/2025 with Benzene, Toluene, Ethylbenzene, m,p-Xylenes, o-Xylene, and Xylenes, Total by SW-846 Method 8021B -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 Sampling Objective(s): Release Response Investigation Sample IDs (List IDs or attach COC): SW-3E-2.5A, SW-3N-2.5A

Revi	ew Item or Question	Y	N	NA	Comments ^a (please add comment for each item with a checked shaded box)
Chain-	of-Custody and Data Completeness				
1	Was COC appropriately completed?	Х			
2	Did the laboratory report correct sample IDs?	х			
3	Do the laboratory reported sample collection dates and times agree with the COC forms?	Х			
4	Are results reported for all analytical methods requested?	Х			
5	Are results reported for all samples submitted for analysis?	Х			



Revi	ew Item or Question	Y	N	NA	Commentsa (please add comment for each item with a checked shaded box)
6	Were the requested analytical methods used?	Х			
7	Are results reported for all target analytes, but no additional analytes?	Х			
8	SOIL/SEDIMENT ONLY: Were soil/sediment results reported on a dry weight basis?		Х		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?		Х		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?	Х			
Sampl	e Preservation				
11a	Did samples arrive at the laboratory appropriately preserved?	Х			
11b	Was the cooler temperature between 0-6°C?	Х			
11c	Was acid used for preservation when required (e.g., aqueous VOC and metals samples)?			х	
11d	SOIL/SEDIMENT ONLY: Were soil/sediment VOC samples preserved in the field or collected in EnCore® samplers?		Х		All samples were collected in 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.)?	Х			
13	Were any issues noted by the laboratory upon receipt?		Х		
14a	AIR ONLY: Were canisters received with an acceptable vacuum?			Х	
14b	AIR ONLY: Were the RPDs between the initial and final canister flow controller calibrations <20?			х	

ECR Practice November 2022



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Revi	ew Item or Question	Y	N	NA	Commentsa (please add comment for each item with a checked shaded box)
15	Were sample preparation and analysis holding time requirements met?	Х			
Repor	ting Limits				
16	Do the reporting limits meet the project specifications (e.g., QAPP or Work Plan)?	Х			
17	Were dilutions performed? If so, note sample(s) and parameters(s) affected and the dilution factor(s).		х		
18	Did the laboratory provide an adequate explanation as to why dilutions were performed?			х	
QC F	Results			•	
Blank	s ^b				
19	Were target analytes detected in the method blanks? If yes, list contaminants, concentrations detected and associated samples.		х		
20	Does each analytical or preparation batch have its own method blank?	Х			
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).			х	Field blank samples were not submitted with this data set.
22	Are there any potential false positive results based on questions 19 and/or 21?		х		
Labora	atory Control Spikes ^c				
23	Are LCS/LCSD recoveries within QC limits? If no, list analytes affected, the LCS/LCSD recoveries, and the affected samples.		х		The LCS and LCSD percent recoveries (%Rs) for toluene (66%/68%) and the LCS %Rs for ethylbenzene (67%), m-xylene & p-xylene (66%) were below the laboratory control limits (70-130%). The nondetect results for toluene, ethylbenzene, m-xylene & p-xylene, and BTEX in both samples in this data set may be considered estimated (UJ).
					<u> </u>



Revi	ew Item or Question	Y	N	NA	Commentsa (please add comment for each item with a checked shaded box)
24	Does each analytical or preparation batch have its own LCS?	Х			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.	Х			
Matrix	Spikes ^c Note: If not performed on a proje	ect sam	nple, eva	luation	is not required.
26	Are MS/MSD recoveries within QC limits? If no, list analytes affected, the MS/MSD recoveries and the sample that was spiked.		Х		MS/MSD analyses were performed on the following sample from this data set: -SW-3E-2.5A for chloride The MS %R for chloride (111%) was above the laboratory control limits (90-110%) in sample SW-3E-2.5A. The positive results for chloride in both samples in this data set 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.	Х			
Surro	gates ^c				
28	ORGANIC ANALYSES ONLY: Are surrogate recoveries within QC limits? If no, list samples, surrogate recoveries and analytes affected.	Х			
Duplic	cates ^c Note: If not performed on a proj	ect san	nple, eva	luation	is not required.
29	Are laboratory duplicate RPDs within QC limits? If no, list analytes affected, the RPDs and the sample that was prepared/analyzed in duplicate.			Х	Laboratory duplicate analyses were not performed on a sample from this data set.
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.			х	Field duplicate samples were not submitted with this data set.



Revi	ew Item or Question	Y	N	NA	Comments ^a (please add comment for each item with a checked shaded box)
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).		х		
32	Were any other potential data quality issues identified? If yes, describe issues.		Х		
33	Do any results look questionable? If yes, ASK THE LAB.		Х		
34	Has the EDD been compared to the lab report?	Х			

Notes:

After data tables are created, check that reporting limits are below the project action levels (e.g., screening criteria, remediation standards, etc.) and compare data with historical results, if applicable. List any findings from this evaluation, when applicable, in the Additional Comments box above.

- a Comments generally need to be addressed in the TRC deliverable presenting the laboratory data, but this will be dependent on project requirements.
- b Check if local or regional criteria for blank assessments are available; these will supersede criteria in this checklist.
- c Use QC limits in QAPP, if available. If not, use QC limits provided by laboratory in data package.

The EPA Superfund Contract Laboratory Program (CLP) National Functional Guidelines (NFGs) for Data Review (November, 2020) or most recent version found here:

https://www.epa.gov/clp/superfund-clp-national-functional-guidelines-data-review

are typically used for data review guidelines when other project or state/regulatory data review guidance is not available. Project and state/regulatory data review guidance should be used and cited when applicable.

ECR Practice November 2022



Review Item or Question

Y

N

NA

Commentsa
(please add comment for each item with a checked shaded box)

Abbreviations:

BTEX Benzene, Toluene, Ethylbenzene, Xylenes

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

MS/MSD Matrix Spike / Matrix Spike Duplicate

ORO Oil Range Organics

QAPP Quality Assurance Project Plan

QC Quality Control

RPD Relative Percent Difference
TPH Total Petroleum Hydrocarbons
VOC Volatile Organic Compound

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel TRC Solutions, Inc. 10 Desta Drive Suite #410E Midland, Texas 79705

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JOB DESCRIPTION

Younger Junction Loco Hills NM

JOB NUMBER

890-8172-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

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 6/10/2025 9:01:03 AM Revision 1

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies Page 2 of 34

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6/10/2025 (Rev. 1)

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Laboratory Job ID: 890-8172-1 SDG: Loco Hills NM

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Definitions/Glossary

Client: TRC Solutions, Inc.

Job ID: 890-8172-1

Project/Site: Younger Junction

SDG: Loco Hills NM

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Qualifiers

GC VOA

Qualifier Description

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

GC Semi VOA

Qualifier Qualifier Description

U Indicates the analyte was analyzed for but not detected.

HPLC/IC

F1 MS and/or MSD recovery exceeds control limits.
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.

Job ID: 890-8172-1

Project: Younger Junction

Job ID: 890-8172-1 Eurofins Carlsbad

Job Narrative 890-8172-1

REVISION

The report being provided is a revision of the original report sent on 5/20/2025. The report (revision 1) is being revised due to Interoffice paperwork missing on final report..

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 5/16/2025 4:00 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 5.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BS-2A 4 (890-8172-1), BS-2B-4 (890-8172-2), BS-2C-4 (890-8172-3), BS-2D-4 (890-8172-4), BS-1A-4 (890-8172-5), BS-1B-4 (890-8172-6), BF-1 (890-8172-7), DUP-2 (890-8172-8), 10907 (890-8172-9), 0112201 (890-8172-10), 10907 (890-8172-11) and 0112201 (890-8172-12).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with analytical batch 880-110405 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.

Diesel Range Organics

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 880-110432 and analytical batch 880-110439 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.

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Matrix: Solid

Lab Sample ID: 890-8172-1

05/19/25 08:51 05/19/25 15:40

Client Sample Results

Client: TRC Solutions, Inc.

Job ID: 890-8172-1
Project/Site: Younger Junction

SDG: Loco Hills NM

Client Sample ID: BS-2A 4

Date Collected: 05/16/25 13:00 Date Received: 05/16/25 16:00

Sample Depth: 4FT

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/19/25 10:09	05/19/25 11:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/19/25 10:09	05/19/25 11:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/19/25 10:09	05/19/25 11:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/19/25 10:09	05/19/25 11:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/19/25 10:09	05/19/25 11:53	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/19/25 10:09	05/19/25 11:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			05/19/25 10:09	05/19/25 11:53	1
1,4-Difluorobenzene (Surr)	90		70 - 130			05/19/25 10:09	05/19/25 11:53	1

Method: TAL SUP Total BTEX	- Iotal BIE	x Calculati	on					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			05/19/25 11:53	1

Method: SW846 8015 NM - Dies	el Range (Organics (I	DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			05/19/25 15:40	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/19/25 08:51	05/19/25 15:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/19/25 08:51	05/19/25 15:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/19/25 08:51	05/19/25 15:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			05/19/25 08:51	05/19/25 15:40	

Method: EPA 300.0 - Anions, I	on Chromatography -	Soluble					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.6	9.94	mg/Kg			05/19/25 18:54	1

70 - 130

108

Client Sample ID: BS-2B-4

Date Collected: 05/16/25 13:05

Lab Sample ID: 890-8172-2

Matrix: Solid

Sample Depth: 4FT

Date Received: 05/16/25 16:00

o-Terphenyl

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		05/19/25 10:09	05/19/25 12:13	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/19/25 10:09	05/19/25 12:13	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/19/25 10:09	05/19/25 12:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/19/25 10:09	05/19/25 12:13	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/19/25 10:09	05/19/25 12:13	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/19/25 10:09	05/19/25 12:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			05/19/25 10:09	05/19/25 12:13	1

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Matrix: Solid

Lab Sample ID: 890-8172-2

Lab Sample ID: 890-8172-3

Matrix: Solid

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 890-8172-1
SDG: Loco Hills NM

Client Sample ID: BS-2B-4

Date Collected: 05/16/25 13:05 Date Received: 05/16/25 16:00

Sample Depth: 4FT

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

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	85		70 - 130	05/19/25 10:09 05/19/25 12:13	

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			05/19/25 12:13	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			05/19/25 15:55	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		05/19/25 08:51	05/19/25 15:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		05/19/25 08:51	05/19/25 15:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/19/25 08:51	05/19/25 15:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	<u>05/19/25 08:51</u>	05/19/25 15:55	1
o-Terphenyl	109		70 - 130	05/19/25 08:51	05/19/25 15:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	197	F1	9.96	mg/Kg			05/19/25 19:01	1

Client Sample ID: BS-2C-4

Date Collected: 05/16/25 13:20 Date Received: 05/16/25 16:00

Sample Depth: 4FT

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

mothodi Gitto io Gozi B	natino Organio	Compount						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/19/25 10:09	05/19/25 12:34	1
Toluene	< 0.00199	U	0.00199	mg/Kg		05/19/25 10:09	05/19/25 12:34	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		05/19/25 10:09	05/19/25 12:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/19/25 10:09	05/19/25 12:34	1
o-Xylene	< 0.00199	U	0.00199	mg/Kg		05/19/25 10:09	05/19/25 12:34	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/19/25 10:09	05/19/25 12:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130			05/19/25 10:09	05/19/25 12:34	1
1,4-Difluorobenzene (Surr)	85		70 - 130			05/19/25 10:09	05/19/25 12:34	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	_		05/19/25 12:34	1

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

Analyte	Result Qu	ualifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8 U	49.8	mg/Kg			05/19/25 16:25	1

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Job ID: 890-8172-1 SDG: Loco Hills NM

Client: TRC Solutions, Inc. Project/Site: Younger Junction

Lab Sample ID: 890-8172-3

Date Collected: 05/16/25 13:20 Date Received: 05/16/25 16:00

Client Sample ID: BS-2C-4

Matrix: Solid

Sample Depth: 4FT

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/19/25 08:51	05/19/25 16:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		05/19/25 08:51	05/19/25 16:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/19/25 08:51	05/19/25 16:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			05/19/25 08:51	05/19/25 16:25	1
o-Terphenyl	113		70 - 130			05/19/25 08:51	05/19/25 16:25	1
Method: EPA 300.0 - Anions,	Ion Chromat	tography -	Soluble					
Method: EPA 300.0 - Anions, Analyte		t <mark>ography -</mark> Qualifier	Soluble RL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: BS-2D-4 Lab Sample ID: 890-8172-4 Date Collected: 05/16/25 13:15 **Matrix: Solid**

Date Received: 05/16/25 16:00

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

Sample Depth: 4FT

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/19/25 10:09	05/19/25 12:54	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/19/25 10:09	05/19/25 12:54	1
Ethylbenzene	< 0.00202	U	0.00202	mg/Kg		05/19/25 10:09	05/19/25 12:54	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		05/19/25 10:09	05/19/25 12:54	1
o-Xylene	< 0.00202	U	0.00202	mg/Kg		05/19/25 10:09	05/19/25 12:54	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		05/19/25 10:09	05/19/25 12:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			05/19/25 10:09	05/19/25 12:54	1
1,4-Difluorobenzene (Surr)	86		70 - 130			05/19/25 10:09	05/19/25 12:54	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			05/19/25 12:54	1
-				mg/Kg			05/19/25 12:54	1
Method: SW846 8015 NM - Die	esel Range (mg/Kg Unit	D	Prepared		1 Dil Fac
-	esel Range (Organics (Qualifier	DRO) (GC)	0 0	<u>D</u>	Prepared	05/19/25 12:54 Analyzed 05/19/25 16:40	·
Method: SW846 8015 NM - Die Analyte Total TPH	esel Range (Result <49.7	Organics (Qualifier U	DRO) (GC) RL 49.7	Unit	<u>D</u>	Prepared	Analyzed	·
Method: SW846 8015 NM - Die Analyte	esel Range (Result <49.7	Organics (Qualifier U	DRO) (GC) RL 49.7	Unit	<u>D</u> D	Prepared Prepared	Analyzed	·
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	esel Range (Result <49.7	Organics (Qualifier U Organics Qualifier Qualifier	DRO) (GC) RL 49.7 (DRO) (GC)	Unit mg/Kg	=	<u> </u>	Analyzed 05/19/25 16:40	Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	esel Range (Result <49.7 Diesel Range Result	Organics (Qualifier U Organics Qualifier U	DRO) (GC) RL 49.7 (DRO) (GC) RL	Unit mg/Kg	=	Prepared	Analyzed 05/19/25 16:40 Analyzed 05/19/25 16:40	Dil Fac Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.7 Piesel Range Result <49.7	Organics (Qualifier U Organics Qualifier U U	DRO) (GC) RL 49.7 (DRO) (GC) RL 49.7	Unit mg/Kg Unit mg/Kg	=	Prepared 05/19/25 08:51 05/19/25 08:51	Analyzed 05/19/25 16:40 Analyzed 05/19/25 16:40	Dil Fac Dil Fac 1
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.7 Diesel Range Result <49.7 Result <49.7 <49.7	Organics (Qualifier U Organics Qualifier U U	DRO) (GC) RL 49.7 (DRO) (GC) RL 49.7 49.7	Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	=	Prepared 05/19/25 08:51 05/19/25 08:51	Analyzed 05/19/25 16:40 Analyzed 05/19/25 16:40 05/19/25 16:40	Dil Fac Dil Fac 1
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	esel Range (Result <49.7 Piesel Range Result <49.7 <49.7 <49.7	Organics (Qualifier U Organics Qualifier U U	DRO) (GC) RL 49.7 (DRO) (GC) RL 49.7 49.7 49.7	Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	=	Prepared 05/19/25 08:51 05/19/25 08:51	Analyzed 05/19/25 16:40 Analyzed 05/19/25 16:40 05/19/25 16:40 05/19/25 16:40 Analyzed	Dil Fac Dil Fac 1 1 1

Matrix: Solid

Lab Sample ID: 890-8172-4

Client Sample Results

Client: TRC Solutions, Inc.

Job ID: 890-8172-1
Project/Site: Younger Junction

SDG: Loco Hills NM

Client Sample ID: BS-2D-4

Date Collected: 05/16/25 13:15 Date Received: 05/16/25 16:00

Sample Depth: 4FT

Method: EPA 300.0 - Anions, Id	on Chromat	tography -	Soluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	458		9.92	mg/Kg			05/19/25 19:29	1

Client Sample ID: BS-1A-4

Date Collected: 05/16/25 13:25

Lab Sample ID: 890-8172-5

Matrix: Solid

Date Collected: 05/16/25 13:25 Date Received: 05/16/25 16:00

Sample Depth: 4FT

o-Terphenyl

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		05/19/25 10:09	05/19/25 13:15	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/19/25 10:09	05/19/25 13:15	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/19/25 10:09	05/19/25 13:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/19/25 10:09	05/19/25 13:15	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/19/25 10:09	05/19/25 13:15	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/19/25 10:09	05/19/25 13:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			05/19/25 10:09	05/19/25 13:15	1
1,4-Difluorobenzene (Surr)	85		70 - 130			05/19/25 10:09	05/19/25 13:15	1
Method: TAL SOP Total BT	EX - Total BTE	X Calculat	ion					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			05/19/25 13:15	1

	Method: SW846 8015 NM - Die	sel Range (Organics (DRO) (GC)					
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	<49.9	U	49.9	mg/Kg			05/19/25 16:55	1
	 Method: SW846 8015B NM - D	iesel Range	organics	(DRO) (GC)					
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
П									

1-Chlorooctane	115		70 - 130		05/19/25 08:51	05/19/25 16:55	
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	05/19/25 08:51	05/19/25 16:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg	05/19/25 08:51	05/19/25 16:55	1
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg	05/19/25 08:51	05/19/25 16:55	1

Method: EPA 300.0 - Anions, Id	on Chromat	ography -	Soluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	629		10.0	mg/Kg			05/19/25 19:50	1

70 - 130

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Eurofins Carlsbad

05/19/25 08:51 05/19/25 16:55

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Matrix: Solid

Lab Sample ID: 890-8172-6

Job ID: 890-8172-1

Client: TRC Solutions, Inc. Project/Site: Younger Junction SDG: Loco Hills NM

Client Sample ID: BS-1B-4 Date Collected: 05/16/25 13:30 Date Received: 05/16/25 16:00

Sample Depth: 4FT

Analyte	Result	Qualifier	RL	Unit	D Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg	05/19/25 10:09	05/19/25 13:35	1
Toluene	<0.00199	U	0.00199	mg/Kg	05/19/25 10:09	05/19/25 13:35	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg	05/19/25 10:09	05/19/25 13:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg	05/19/25 10:09	05/19/25 13:35	1
o-Xylene	<0.00199	U	0.00199	mg/Kg	05/19/25 10:09	05/19/25 13:35	1
Xylenes, Total	< 0.00398	U	0.00398	mg/Kg	05/19/25 10:09	05/19/25 13:35	1

, ,			3 3			
Surrogate	%Recovery Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101	70 - 130		05/19/25 10:09	05/19/25 13:35	1
1,4-Difluorobenzene (Surr)	83	70 - 130		05/19/25 10:09	05/19/25 13:35	1

Method: TAL SOP Total BTEX -	Total BTE	X Calculati	on					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			05/19/25 13:35	1

Method: SW846 8015 NM - Dies	sel Range (Organics (D	RO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			05/19/25 17:09	1

Method: SW846 8015B NM - L	Diesel Range	e Organics	6 (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		05/19/25 08:51	05/19/25 17:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/19/25 08:51	05/19/25 17:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/19/25 08:51	05/19/25 17:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			05/19/25 08:51	05/19/25 17:09	

o-Terphenyl	121		70 - 130			05/19/25 08:51	05/19/25 17:09	1
Method: EPA 300.0 - Anions, I	on Chromat	ography -	Soluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2150		50.1	mg/l			05/19/25 19:57	5

Client Sample ID: BF-1 Lab Sample ID: 890-8172-7 **Matrix: Solid**

Date Collected: 05/16/25 13:30 Date Received: 05/16/25 16:00

Sample Depth: 4FT

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		05/19/25 10:09	05/19/25 13:56	1
Toluene	<0.00198	U	0.00198	mg/Kg		05/19/25 10:09	05/19/25 13:56	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		05/19/25 10:09	05/19/25 13:56	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		05/19/25 10:09	05/19/25 13:56	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		05/19/25 10:09	05/19/25 13:56	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		05/19/25 10:09	05/19/25 13:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			05/19/25 10:09	05/19/25 13:56	1

Job ID: 890-8172-1

Client: TRC Solutions, Inc. Project/Site: Younger Junction

SDG: Loco Hills NM

Client Sample ID: BF-1

Lab Sample ID: 890-8172-7

Date Collected: 05/16/25 13:30 Date Received: 05/16/25 16:00

Matrix: Solid

Sample Depth: 4FT

Method: SW846 8021B - Volatile Or	ganic Compounds (GC) (Continued)
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Surrogate	%Recovery Quali	lifier Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	85	70 - 130	05/19/25 10:09	05/19/25 13:56	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			05/19/25 13:56	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			05/19/25 17:24	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/19/25 08:51	05/19/25 17:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		05/19/25 08:51	05/19/25 17:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/19/25 08:51	05/19/25 17:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4.064	404		70 400			05/40/05 00:54	05/40/05 47:04	

Surrogate	%Recovery Qua	alifier Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101	70 - 130	05/19/25 08:51	05/19/25 17:24	1
o-Terphenyl	106	70 - 130	05/19/25 08:51	05/19/25 17:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	319		10.1	mg/Kg			05/19/25 20:04	1

Client Sample ID: DUP-2 Lab Sample ID: 890-8172-8 **Matrix: Solid**

Date Collected: 05/16/25 13:00 Date Received: 05/16/25 16:00

Sample Depth: 4FT

Mothod: CIMOAC 9024D	Volatila Organia Compounde (C)	\sim

		(/					
Result	Qualifier	RL	Unit	D Prepa	ared	Analyzed	Dil Fac
<0.00200	U	0.00200	mg/Kg	05/19/25	10:09	05/19/25 14:17	1
<0.00200	U	0.00200	mg/Kg	05/19/25	10:09	05/19/25 14:17	1
<0.00200	U	0.00200	mg/Kg	05/19/25	10:09	05/19/25 14:17	1
<0.00400	U	0.00400	mg/Kg	05/19/25	10:09	05/19/25 14:17	1
<0.00200	U	0.00200	mg/Kg	05/19/25	10:09	05/19/25 14:17	1
<0.00400	U	0.00400	mg/Kg	05/19/25	10:09	05/19/25 14:17	1
%Recovery	Qualifier	Limits		Prepa	ared	Analyzed	Dil Fac
103		70 - 130		05/19/25	10:09	05/19/25 14:17	1
84		70 - 130		05/19/25	10:09	05/19/25 14:17	1
	Result <0.00200 <0.00200 <0.00200 <0.00400 <0.00200 <0.00200 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.00400 <0.	Result Qualifier	<0.00200	Result Qualifier RL Unit mg/Kg	Result Qualifier RL Unit D Prepa <0.00200	Result Qualifier RL Unit D Prepared <0.00200	Result Qualifier RL Unit D Prepared 05/19/25 10:09 Analyzed 05/19/25 14:17 <0.00200

l Method: TΔI	SOP Total BTFX	- Total RTFX	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg	_		05/19/25 14:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)
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Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8 U	49.8	mg/Kg			05/19/25 17:39	1

Matrix: Solid

Matrix: Water

Lab Sample ID: 890-8172-8

Client: TRC Solutions, Inc. Job ID: 890-8172-1 Project/Site: Younger Junction SDG: Loco Hills NM

Client Sample ID: DUP-2

Date Collected: 05/16/25 13:00 Date Received: 05/16/25 16:00

Sample Depth: 4FT

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/19/25 08:51	05/19/25 17:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		05/19/25 08:51	05/19/25 17:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/19/25 08:51	05/19/25 17:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			05/19/25 08:51	05/19/25 17:39	1
o-Terphenyl	109		70 - 130			05/19/25 08:51	05/19/25 17:39	1
Method: EPA 300.0 - Anions,	lon Chroma	tography -	Soluble					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Analyzed Chloride 10.0 05/19/25 20:12 75.6 mg/Kg Client Sample ID: 10907 Lab Sample ID: 890-8172-11

Date Collected: 05/16/25 00:00 Date Received: 05/16/25 16:00

Method: SW846 8021B - Vo Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			05/19/25 13:03	1
Toluene	< 0.00200	U	0.00200	mg/L			05/19/25 13:03	1
Ethylbenzene	< 0.00200	U	0.00200	mg/L			05/19/25 13:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			05/19/25 13:03	1
o-Xylene	< 0.00200	U	0.00200	mg/L			05/19/25 13:03	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			05/19/25 13:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				05/19/25 13:03	1
1,4-Difluorobenzene (Surr)	102		70 - 130				05/19/25 13:03	1

Client Sample ID: 0112201 Lab Sample ID: 890-8172-12 Date Collected: 05/16/25 00:00 **Matrix: Water**

Date Received: 05/16/25 16:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			05/19/25 13:24	1
Toluene	<0.00200	U	0.00200	mg/L			05/19/25 13:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/L			05/19/25 13:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			05/19/25 13:24	1
o-Xylene	<0.00200	U	0.00200	mg/L			05/19/25 13:24	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			05/19/25 13:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				05/19/25 13:24	1
1,4-Difluorobenzene (Surr)	103		70 - 130				05/19/25 13:24	1

Client: TRC Solutions, Inc.

Job ID: 890-8172-1 Project/Site: Younger Junction SDG: Loco Hills NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

			Perc	ent Surrogate Reco
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-8172-1	BS-2A 4	107	90	
890-8172-1 MS	BS-2A 4	112	92	
890-8172-1 MSD	BS-2A 4	101	93	
890-8172-2	BS-2B-4	112	85	
890-8172-3	BS-2C-4	98	85	
890-8172-4	BS-2D-4	115	86	
890-8172-5	BS-1A-4	101	85	
890-8172-6	BS-1B-4	101	83	
890-8172-7	BF-1	110	85	
890-8172-8	DUP-2	103	84	
LCS 880-110423/1-A	Lab Control Sample	96	100	
LCSD 880-110423/2-A	Lab Control Sample Dup	108	93	
MB 880-110423/5-A	Method Blank	109	77	
Surrogate Legend BFB = 4-Bromofluorobe				

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water

		DED4	Percent Surrogate Recovery (A	500pta::00 =:::::0)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	70-130)	
890-8172-11	10907	95	102	
890-8172-11 MS	10907	109	94	
890-8172-11 MSD	10907	111	104	
890-8172-12	0112201	113	103	
LCS 880-110405/3	Lab Control Sample	101	97	
LCSD 880-110405/4	Lab Control Sample Dup	103	102	
MB 880-110405/8	Method Blank	161 S1+	97	

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

			Per
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8170-A-1-B MS	Matrix Spike	124	120
890-8170-A-1-C MSD	Matrix Spike Duplicate	109	109
890-8172-1	BS-2A 4	100	108
890-8172-2	BS-2B-4	101	109
890-8172-3	BS-2C-4	105	113
890-8172-4	BS-2D-4	99	107
890-8172-5	BS-1A-4	115	121
890-8172-6	BS-1B-4	115	121
890-8172-7	BF-1	101	106

Eurofins Carlsbad

Prep Type: Total/NA

Surrogate Summary

Job ID: 890-8172-1 Client: TRC Solutions, Inc. Project/Site: Younger Junction SDG: Loco Hills NM

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

Matrix: Solid Prep Type: Total/NA

			Percer	nt Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)	
890-8172-8	DUP-2	100	109	
LCS 880-110414/2-A	Lab Control Sample	79	77	
LCSD 880-110414/3-A	Lab Control Sample Dup	77	78	
MB 880-110414/1-A	Method Blank	101	103	
Surrogate Legend				
1CO = 1-Chlorooctane				
OTPH = o-Terphenyl				

Client: TRC Solutions, Inc.

Job ID: 890-8172-1
Project/Site: Younger Junction

SDG: Loco Hills NM

0.00400

70 - 130

Method: 8021B - Volatile Organic Compounds (GC)

<0.00400 U

97

Lab Sample ID: MB 880-110405/8

Matrix: Water

Analyte

Benzene

Toluene

o-Xylene

Surrogate

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

m-Xylene & p-Xylene

Ethylbenzene

Xylenes, Total

m-Xylene & p-Xylene

Analysis Batch: 110405

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

05/19/25 12:35

05/19/25 12:35

MB MB Result Qualifier RL Unit D Prepared Analyzed Dil Fac <0.00200 U 0.00200 mg/L 05/19/25 12:35 <0.00200 U 0.00200 mg/L 05/19/25 12:35 <0.00200 U 0.00200 mg/L 05/19/25 12:35 <0.00400 U 0.00400 mg/L 05/19/25 12:35 <0.00200 U 0.00200 mg/L 05/19/25 12:35

 MB
 MB

 %Recovery
 Qualifier
 Limits
 Prepared
 Analyzed

 161
 S1+
 70 - 130
 05/19/25 12:35

mg/L

Lab Sample ID: LCS 880-110405/3

Matrix: Water

Analysis Batch: 110405

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

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

Spike LCS LCS %Rec Added Result Qualifier Unit %Rec Limits 0.100 0.09371 mg/L 94 70 - 130 0.100 87 70 - 130 0.08678 mg/L 0.100 0.09268 93 70 - 130 mg/L 0.200 0.1795 mg/L 90 70 - 130 0.100 0.08960 90 70 - 130 mg/L

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 101
 70 - 130

 1,4-Difluorobenzene (Surr)
 97
 70 - 130

Lab Sample ID: LCSD 880-110405/4

Matrix: Water

Analysis Batch: 110405

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

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09398		mg/L		94	70 - 130	0	20
Toluene	0.100	0.08611		mg/L		86	70 - 130	1	20
Ethylbenzene	0.100	0.09698		mg/L		97	70 - 130	5	20
m-Xylene & p-Xylene	0.200	0.1756		mg/L		88	70 - 130	2	20
o-Xylene	0.100	0.08698		mg/L		87	70 - 130	3	20

	LUUD	LUUD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

ICSD ICSD

Lab Sample ID: 890-8172-11 MS

Released to Imaging: 7/31/2025 3:06:40 PM

Matrix: Water

Analysis Batch: 110405

7 , 0.0	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.09225		mg/L		92	70 - 130
Toluene	<0.00200	U	0.100	0.09653		mg/L		97	70 - 130

Eurofins Carlsbad

Client Sample ID: 10907

Prep Type: Total/NA

1

3

A

5

7

9

Dil Fac

10

12

QC Sample Results

Client: TRC Solutions, Inc. Job ID: 890-8172-1 Project/Site: Younger Junction SDG: Loco Hills NM

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

Lab Sample ID: 890-8172-11 MS

Matrix: Water

Analysis Batch: 110405

Client Sample ID: 10907 Prep Type: Total/NA

MS MS %Rec Sample Sample Spike Result Qualifier Added Result Qualifier Unit %Rec Limits Ethylbenzene <0.00200 U 0.100 0.1026 mg/L 103 70 - 130 m-Xylene & p-Xylene <0.00400 U 0.200 0.2000 mg/L 100 70 - 130 o-Xylene <0.00200 U 0.100 0.09902 70 - 130 mg/L 99

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-8172-11 MSD

Matrix: Water

Analysis Batch: 110405

%Rec **RPD** Sample Sample Spike MSD MSD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Benzene <0.00200 U 0.100 0.09731 mg/L 70 - 130 5 25 97 Toluene <0.00200 U 0.100 0.09039 90 70 - 130 7 25 mg/L Ethylbenzene <0.00200 U 0.100 0.09244 mg/L 92 70 - 130 10 25 m-Xylene & p-Xylene <0.00400 U 0.200 0.1813 mg/L 91 70 - 130 10 25 <0.00200 U 0.100 0.09997 70 - 130 o-Xylene mg/L 100

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-110423/5-A

Matrix: Solid

Analysis Batch: 110407

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

Prep Batch: 110423

Client Sample ID: 10907

Prep Type: Total/NA

MR MR

	1410	1410						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/19/25 10:09	05/19/25 11:31	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/19/25 10:09	05/19/25 11:31	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/19/25 10:09	05/19/25 11:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/19/25 10:09	05/19/25 11:31	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/19/25 10:09	05/19/25 11:31	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/19/25 10:09	05/19/25 11:31	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/19/25 10:09	05/19/25 11:31	1
1,4-Difluorobenzene (Surr)	77		70 - 130	05/19/25 10:09	05/19/25 11:31	1

Lab Sample ID: LCS 880-110423/1-A

Matrix: Solid

Analysis Batch: 110407

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

Prep Batch: 110423

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1019		mg/Kg		102	70 - 130	
Toluene	0.100	0.09929		mg/Kg		99	70 - 130	
Ethylbenzene	0.100	0.09557		mg/Kg		96	70 - 130	
m-Xylene & p-Xylene	0.200	0.2029		mg/Kg		101	70 - 130	

Client: TRC Solutions, Inc. Job ID: 890-8172-1 SDG: Loco Hills NM Project/Site: Younger Junction

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

Lab Sample ID: LCS 880-110423/1-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 110407** Prep Batch: 110423 LCS LCS

Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits o-Xylene 0 100 0 1005 mg/Kg 100 70 - 130

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 96 70 - 130 1,4-Difluorobenzene (Surr) 100 70 - 130

Lab Sample ID: LCSD 880-110423/2-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Solid

Analysis Batch: 110407

Prep Batch: 110423 Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Limits **RPD** Limit **Analyte** Unit D %Rec Benzene 0.100 0.09867 mg/Kg 99 70 - 130 3 35 Toluene 0.100 0.09780 mg/Kg 98 70 - 130 2 35 Ethylbenzene 0.100 mg/Kg 93 70 - 130 35 0.09320 3 m-Xylene & p-Xylene 0.200 0.2001 100 70 - 130 35 mg/Kg o-Xylene 0.100 0.1002 mg/Kg 100 70 - 130 35

LCSD LCSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 108 70 - 130 1,4-Difluorobenzene (Surr) 93 70 - 130

Lab Sample ID: 890-8172-1 MS Client Sample ID: BS-2A 4 Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 110407

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier %Rec Limits **Analyte** Unit D Benzene <0.00200 U 0.100 0.1019 mg/Kg 102 70 - 130 0.09976 Toluene <0.00200 U 0.100 mg/Kg 100 70 - 130 Ethylbenzene <0.00200 U 0.100 0.09456 mg/Kg 95 70 - 130 m-Xylene & p-Xylene <0.00399 U 0.200 0.2031 mg/Kg 102 70 - 130 o-Xylene <0.00200 U 0.100 0.1013 mg/Kg 101 70 - 130

MS MS %Recovery Surrogate Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 112 1,4-Difluorobenzene (Surr) 70 - 130 92

Client Sample ID: BS-2A 4 Lab Sample ID: 890-8172-1 MSD

Matrix: Solid

								Prep Ba	aten: 17	10423
Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
<0.00200	U	0.100	0.1003		mg/Kg		100	70 - 130	2	35
<0.00200	U	0.100	0.09787		mg/Kg		98	70 - 130	2	35
<0.00200	U	0.100	0.09253		mg/Kg		93	70 - 130	2	35
<0.00399	U	0.200	0.1962		mg/Kg		98	70 - 130	3	35
<0.00200	U	0.100	0.09737		mg/Kg		97	70 - 130	4	35
	Result <0.00200 <0.00200 <0.00200 <0.00200 <0.00399	Sample Result Qualifier	Result Qualifier Added <0.00200	Result Qualifier Added Result <0.00200	Result Qualifier Added Result Qualifier <0.00200	Result Qualifier Added Result Qualifier Unit <0.00200	Result Qualifier Added Result Qualifier Unit D <0.00200	Result Qualifier Added Result Qualifier Unit D %Rec <0.00200	Sample Result Result Qualifier Spike Added Added Result Qualifier Qualifier Unit Unit Duit Duit Duit Duit Duit Duit Duit Du	Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD <0.00200

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Prep Type: Total/NA

Prep Batch: 110423

Prep Type: Total/NA

Client: TRC Solutions, Inc. Job ID: 890-8172-1 Project/Site: Younger Junction SDG: Loco Hills NM

Limits

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

MSD MSD

Lab Sample ID: 890-8172-1 MSD

Matrix: Solid

Analysis Batch: 110407

Client Sample ID: BS-2A 4

Prep Type: Total/NA

Prep Batch: 110423

%Recovery Qualifier Surrogate

4-Bromofluorobenzene (Surr) 101 70 - 130 1,4-Difluorobenzene (Surr) 93 70 - 130

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

Lab Sample ID: MB 880-110414/1-A

Matrix: Solid

Analysis Batch: 110440

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 110414

MB MB Result Qualifier RL Unit **Analyte** Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 05/19/25 08:50 05/19/25 10:20 50.0 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 05/19/25 08:50 05/19/25 10:20 C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 05/19/25 08:50 05/19/25 10:20

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	05/19/25 08:50	05/19/25 10:20	1
o-Terphenyl	103		70 - 130	05/19/25 08:50	05/19/25 10:20	1

Lab Sample ID: LCS 880-110414/2-A

Matrix: Solid

Analysis Batch: 110440

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 110414**

%Rec

	Spike	LUJ	LUG				OILEC	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1079		mg/Kg		108	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	910.8		mg/Kg		91	70 - 130	
C10-C28)								

ICS ICS

Snika

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	77		70 - 130

Lab Sample ID: LCSD 880-110414/3-A

Matrix: Solid

Analysis Batch: 110440

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 110414

7 thair old Batoni 110 110							op 5	ACO::: : :		
-	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	1087		mg/Kg		109	70 - 130	1	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	933.5		mg/Kg		93	70 - 130	2	20	
040 000)										

C10-C28)

LCSD	LCSD
%Recovery	Qualifie

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	77	70 - 130
o-Terphenvl	78	70 - 130

Client: TRC Solutions, Inc. Job ID: 890-8172-1 Project/Site: Younger Junction SDG: Loco Hills NM

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

Lab Sample ID: 890-8170-A-1-B MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 110440

Prep Type: Total/NA Prep Batch: 110414

Sample Sample Spike MS MS %Rec Result Qualifier Result Qualifier Added %Rec Limits Analyte Unit <50.0 U Gasoline Range Organics 995 1002 mg/Kg 101 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 995 916.0 92 70 - 130 <50.0 U mg/Kg

Limits

70 - 130

70 - 130

C10-C28)

Surrogate

o-Terphenyl

MS MS %Recovery Qualifier 1-Chlorooctane 124

120

Lab Sample ID: 890-8170-A-1-C MSD

Matrix: Solid

Analysis Batch: 110440

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 110414

%Rec Sample Sample Spike MSD MSD **RPD** Result Qualifier Added Result Qualifier D %Rec Limits **RPD** Limit Analyte Unit Gasoline Range Organics <50.0 U 995 873.7 88 70 - 130 14 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 995 815.2 mg/Kg 82 70 - 130 12 20 C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 109 70 - 130 o-Terphenyl 109 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-110432/1-A **Client Sample ID: Method Blank**

MB MB

Matrix: Solid

Analysis Batch: 110439

Prep Type: Soluble

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Chloride <10.0 U 10.0 mg/Kg 05/19/25 17:00

Lab Sample ID: LCS 880-110432/2-A

Matrix: Solid

Analysis Batch: 110439

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 257.7 mg/Kg 103 90 - 110

Lab Sample ID: LCSD 880-110432/3-A

Matrix: Solid

Analysis Batch: 110439

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

Client Sample ID: Lab Control Sample

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	264.8		mg/Kg		106	90 - 110	3	20

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Prep Type: Soluble

QC Sample Results

Client: TRC Solutions, Inc. Job ID: 890-8172-1 Project/Site: Younger Junction SDG: Loco Hills NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-8172-2 MS Client Sample ID: BS-2B-4 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 110439

•	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	197	F1	249	471.7		mg/Kg	_	110	90 - 110	

Lab Sample ID: 890-8172-2 MSD Client Sample ID: BS-2B-4

Matrix: Solid Prep Type: Soluble

Analysis Batch: 110439

mg/Kg

RPD Sample Sample Spike MSD MSD %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit Chloride 197 F1 249 472.6 F1 111 90 - 110 0

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 890-8172-1
SDG: Loco Hills NM

GC VOA

Analysis Batch: 110405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8172-11	10907	Total/NA	Water	8021B	
890-8172-12	0112201	Total/NA	Water	8021B	
MB 880-110405/8	Method Blank	Total/NA	Water	8021B	
LCS 880-110405/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-110405/4	Lab Control Sample Dup	Total/NA	Water	8021B	
890-8172-11 MS	10907	Total/NA	Water	8021B	
890-8172-11 MSD	10907	Total/NA	Water	8021B	

Analysis Batch: 110407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8172-1	BS-2A 4	Total/NA	Solid	8021B	110423
890-8172-2	BS-2B-4	Total/NA	Solid	8021B	110423
890-8172-3	BS-2C-4	Total/NA	Solid	8021B	110423
890-8172-4	BS-2D-4	Total/NA	Solid	8021B	110423
890-8172-5	BS-1A-4	Total/NA	Solid	8021B	110423
890-8172-6	BS-1B-4	Total/NA	Solid	8021B	110423
890-8172-7	BF-1	Total/NA	Solid	8021B	110423
890-8172-8	DUP-2	Total/NA	Solid	8021B	110423
MB 880-110423/5-A	Method Blank	Total/NA	Solid	8021B	110423
LCS 880-110423/1-A	Lab Control Sample	Total/NA	Solid	8021B	110423
LCSD 880-110423/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	110423
890-8172-1 MS	BS-2A 4	Total/NA	Solid	8021B	110423
890-8172-1 MSD	BS-2A 4	Total/NA	Solid	8021B	110423

Prep Batch: 110423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8172-1	BS-2A 4	Total/NA	Solid	5035	
890-8172-2	BS-2B-4	Total/NA	Solid	5035	
890-8172-3	BS-2C-4	Total/NA	Solid	5035	
890-8172-4	BS-2D-4	Total/NA	Solid	5035	
890-8172-5	BS-1A-4	Total/NA	Solid	5035	
890-8172-6	BS-1B-4	Total/NA	Solid	5035	
890-8172-7	BF-1	Total/NA	Solid	5035	
890-8172-8	DUP-2	Total/NA	Solid	5035	
MB 880-110423/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-110423/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-110423/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8172-1 MS	BS-2A 4	Total/NA	Solid	5035	
890-8172-1 MSD	BS-2A 4	Total/NA	Solid	5035	

Analysis Batch: 110453

Released to Imaging: 7/31/2025 3:06:40 PM

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8172-1	BS-2A 4	Total/NA	Solid	Total BTEX	
890-8172-2	BS-2B-4	Total/NA	Solid	Total BTEX	
890-8172-3	BS-2C-4	Total/NA	Solid	Total BTEX	
890-8172-4	BS-2D-4	Total/NA	Solid	Total BTEX	
890-8172-5	BS-1A-4	Total/NA	Solid	Total BTEX	
890-8172-6	BS-1B-4	Total/NA	Solid	Total BTEX	
890-8172-7	BF-1	Total/NA	Solid	Total BTEX	
890-8172-8	DUP-2	Total/NA	Solid	Total BTEX	

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Client: TRC Solutions, Inc. Job ID: 890-8172-1 Project/Site: Younger Junction SDG: Loco Hills NM

GC Semi VOA

Prep Batch: 110414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8172-1	BS-2A 4	Total/NA	Solid	8015NM Prep	
890-8172-2	BS-2B-4	Total/NA	Solid	8015NM Prep	
890-8172-3	BS-2C-4	Total/NA	Solid	8015NM Prep	
890-8172-4	BS-2D-4	Total/NA	Solid	8015NM Prep	
890-8172-5	BS-1A-4	Total/NA	Solid	8015NM Prep	
890-8172-6	BS-1B-4	Total/NA	Solid	8015NM Prep	
890-8172-7	BF-1	Total/NA	Solid	8015NM Prep	
890-8172-8	DUP-2	Total/NA	Solid	8015NM Prep	
MB 880-110414/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-110414/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-110414/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8170-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8170-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 110440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8172-1	BS-2A 4	Total/NA	Solid	8015B NM	110414
890-8172-2	BS-2B-4	Total/NA	Solid	8015B NM	110414
890-8172-3	BS-2C-4	Total/NA	Solid	8015B NM	110414
890-8172-4	BS-2D-4	Total/NA	Solid	8015B NM	110414
890-8172-5	BS-1A-4	Total/NA	Solid	8015B NM	110414
890-8172-6	BS-1B-4	Total/NA	Solid	8015B NM	110414
890-8172-7	BF-1	Total/NA	Solid	8015B NM	110414
890-8172-8	DUP-2	Total/NA	Solid	8015B NM	110414
MB 880-110414/1-A	Method Blank	Total/NA	Solid	8015B NM	110414
LCS 880-110414/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	110414
LCSD 880-110414/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	110414
890-8170-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	110414
890-8170-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	110414

Analysis Batch: 110537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8172-1	BS-2A 4	Total/NA	Solid	8015 NM	
890-8172-2	BS-2B-4	Total/NA	Solid	8015 NM	
890-8172-3	BS-2C-4	Total/NA	Solid	8015 NM	
890-8172-4	BS-2D-4	Total/NA	Solid	8015 NM	
890-8172-5	BS-1A-4	Total/NA	Solid	8015 NM	
890-8172-6	BS-1B-4	Total/NA	Solid	8015 NM	
890-8172-7	BF-1	Total/NA	Solid	8015 NM	
890-8172-8	DUP-2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 110432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8172-1	BS-2A 4	Soluble	Solid	DI Leach	<u> </u>
890-8172-2	BS-2B-4	Soluble	Solid	DI Leach	
890-8172-3	BS-2C-4	Soluble	Solid	DI Leach	
890-8172-4	BS-2D-4	Soluble	Solid	DI Leach	
890-8172-5	BS-1A-4	Soluble	Solid	DI Leach	
890-8172-6	BS-1B-4	Soluble	Solid	DI Leach	

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

Job ID: 890-8172-1
SDG: Loco Hills NM

HPLC/IC (Continued)

Leach Batch: 110432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8172-7	BF-1	Soluble	Solid	DI Leach	
890-8172-8	DUP-2	Soluble	Solid	DI Leach	
MB 880-110432/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-110432/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-110432/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8172-2 MS	BS-2B-4	Soluble	Solid	DI Leach	
890-8172-2 MSD	BS-2B-4	Soluble	Solid	DI Leach	

Analysis Batch: 110439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8172-1	BS-2A 4	Soluble	Solid	300.0	110432
890-8172-2	BS-2B-4	Soluble	Solid	300.0	110432
890-8172-3	BS-2C-4	Soluble	Solid	300.0	110432
890-8172-4	BS-2D-4	Soluble	Solid	300.0	110432
890-8172-5	BS-1A-4	Soluble	Solid	300.0	110432
890-8172-6	BS-1B-4	Soluble	Solid	300.0	110432
890-8172-7	BF-1	Soluble	Solid	300.0	110432
890-8172-8	DUP-2	Soluble	Solid	300.0	110432
MB 880-110432/1-A	Method Blank	Soluble	Solid	300.0	110432
LCS 880-110432/2-A	Lab Control Sample	Soluble	Solid	300.0	110432
LCSD 880-110432/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	110432
890-8172-2 MS	BS-2B-4	Soluble	Solid	300.0	110432
890-8172-2 MSD	BS-2B-4	Soluble	Solid	300.0	110432

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Matrix: Solid

Date Collected: 05/16/25 13:00 Date Received: 05/16/25 16:00

Client: TRC Solutions, Inc.

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	110423	05/19/25 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110407	05/19/25 11:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			110453	05/19/25 11:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			110537	05/19/25 15:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110414	05/19/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110440	05/19/25 15:40	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	110432	05/19/25 10:56	SA	EET MID
Soluble	Analysis	300.0		1			110439	05/19/25 18:54	CH	EET MID

Lab Sample ID: 890-8172-2

Matrix: Solid

Date Collected: 05/16/25 13:05 Date Received: 05/16/25 16:00

Client Sample ID: BS-2B-4

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 5035 110423 05/19/25 10:09 MNR EET MID Prep 4.98 g 5 mL 8021B Total/NA 5 mL 110407 05/19/25 12:13 MNR **EET MID** Analysis 5 mL 1 Total/NA Total BTEX Analysis 110453 05/19/25 12:13 SM **EET MID** 1 Total/NA 8015 NM **EET MID** Analysis 1 110537 05/19/25 15:55 SM Total/NA Prep 8015NM Prep 10.05 g 10 mL 110414 05/19/25 08:51 EL **EET MID** Total/NA 8015B NM 110440 05/19/25 15:55 TKC Analysis 1 uL 1 uL **EET MID** Soluble 110432 Leach DI Leach 5.02 g 50 mL 05/19/25 10:56 SA **EET MID** 300.0 05/19/25 19:01 CH Soluble Analysis 1 10 mL 10 mL 110439 **EET MID**

Client Sample ID: BS-2C-4 Lab Sample ID: 890-8172-3 Date Collected: 05/16/25 13:20 **Matrix: Solid**

Date Received: 05/16/25 16:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110423	05/19/25 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110407	05/19/25 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			110453	05/19/25 12:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			110537	05/19/25 16:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	110414	05/19/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110440	05/19/25 16:25	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	110432	05/19/25 10:56	SA	EET MID
Soluble	Analysis	300.0		1			110439	05/19/25 19:22	CH	EET MID

Client Sample ID: BS-2D-4 Lab Sample ID: 890-8172-4 Date Collected: 05/16/25 13:15 **Matrix: Solid**

Date Received: 05/16/25 16:00

Dran Time	Batch	Batch	Dun	Dil	Initial	Final	Batch	Prepared	Amalyzat	l ab
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	110423	05/19/25 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110407	05/19/25 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			110453	05/19/25 12:54	SM	EET MID

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Client: TRC Solutions, Inc. Job ID: 890-8172-1 Project/Site: Younger Junction SDG: Loco Hills NM

Client Sample ID: BS-2D-4 Date Collected: 05/16/25 13:15

Lab Sample ID: 890-8172-4

Date Received: 05/16/25 16:00

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			110537	05/19/25 16:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	110414	05/19/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110440	05/19/25 16:40	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	110432	05/19/25 10:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	110439	05/19/25 19:29	CH	EET MID

Lab Sample ID: 890-8172-5

Client Sample ID: BS-1A-4 Date Collected: 05/16/25 13:25 Date Received: 05/16/25 16:00

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	110423	05/19/25 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110407	05/19/25 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			110453	05/19/25 13:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			110537	05/19/25 16:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	110414	05/19/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110440	05/19/25 16:55	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110432	05/19/25 10:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	110439	05/19/25 19:50	CH	EET MID

Lab Sample ID: 890-8172-6 Client Sample ID: BS-1B-4 Date Collected: 05/16/25 13:30

Date Received: 05/16/25 16:00

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	110423	05/19/25 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110407	05/19/25 13:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			110453	05/19/25 13:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			110537	05/19/25 17:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	110414	05/19/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110440	05/19/25 17:09	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	110432	05/19/25 10:56	SA	EET MID
Soluble	Analysis	300.0		5	10 mL	10 mL	110439	05/19/25 19:57	CH	EET MID

Client Sample ID: BF-1 Lab Sample ID: 890-8172-7 Date Collected: 05/16/25 13:30 **Matrix: Solid**

Date Received: 05/16/25 16:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	110423	05/19/25 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110407	05/19/25 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			110453	05/19/25 13:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			110537	05/19/25 17:24	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.04 g 1 uL	10 mL 1 uL	110414 110440	05/19/25 08:51 05/19/25 17:24	EL TKC	EET MID EET MID

Eurofins Carlsbad

6/10/2025 (Rev. 1)

Client Sample ID: BF-1

Job ID: 890-8172-1 SDG: Loco Hills NM

Client: TRC Solutions, Inc.

Project/Site: Younger Junction

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Lab Sample ID: 890-8172-7

Date Collected: 05/16/25 13:30 Matrix: Solid
Date Received: 05/16/25 16:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	110432	05/19/25 10:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	110439	05/19/25 20:04	CH	EET MID

Client Sample ID: DUP-2

Date Collected: 05/16/25 13:00

Lab Sample ID: 890-8172-8

Matrix: Solid

Date Collected: 05/16/25 13:00
Date Received: 05/16/25 16:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	110423	05/19/25 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	110407	05/19/25 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			110453	05/19/25 14:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			110537	05/19/25 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	110414	05/19/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	110440	05/19/25 17:39	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	110432	05/19/25 10:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	110439	05/19/25 20:12	CH	EET MID

Client Sample ID: 10907 Lab Sample ID: 890-8172-11

Date Collected: 05/16/25 00:00 Matrix: Water

Date Received: 05/16/25 16:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared			
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab	
Total/NA	Analysis	8021B			5 mL	5 mL	110405	05/19/25 13:03	MNR	EET MID	-

Client Sample ID: 0112201 Lab Sample ID: 890-8172-12

Date Collected: 05/16/25 00:00 Matrix: Water Date Received: 05/16/25 16:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	110405	05/19/25 13:24	MNR	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: TRC Solutions, Inc.

Job ID: 890-8172-1

Project/Site: Younger Junction

SDG: Loco Hills NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

uthority	Progra	am	Identification Number	Expiration Date
exas	NELAI	ס	T104704400	06-30-25
I ha tallowing analyta	e are included in this rene	rt but the laboratory is i	not cortified by the governing outbori	ity. This list may includ
,	•	•	not certified by the governing authori	ty. This list may includ
,	s are included in this repo does not offer certification	•	not certified by the governing authori	ity. This list may includ
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for which the agency	does not offer certification		, , ,	ty. This list may inclu

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Method Summary

Client: TRC Solutions, Inc. Project/Site: Younger Junction

Job ID: 890-8172-1 SDG: Loco Hills NM

Protocol	Laboratory
SW846	EET MID
TAL SOP	EET MID
SW846	EET MID
SW846	EET MID
EPA	EET MID
SW846	EET MID

Method	Method Description	Protocol	Laboratory
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 MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
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 MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc. Project/Site: Younger Junction

Job ID: 890-8172-1 SDG: Loco Hills NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8172-1	BS-2A 4	Solid	05/16/25 13:00	05/16/25 16:00	4FT
890-8172-2	BS-2B-4	Solid	05/16/25 13:05	05/16/25 16:00	4FT
890-8172-3	BS-2C-4	Solid	05/16/25 13:20	05/16/25 16:00	4FT
890-8172-4	BS-2D-4	Solid	05/16/25 13:15	05/16/25 16:00	4FT
890-8172-5	BS-1A-4	Solid	05/16/25 13:25	05/16/25 16:00	4FT
890-8172-6	BS-1B-4	Solid	05/16/25 13:30	05/16/25 16:00	4FT
890-8172-7	BF-1	Solid	05/16/25 13:30	05/16/25 16:00	4FT
890-8172-8	DUP-2	Solid	05/16/25 13:00	05/16/25 16:00	4FT
890-8172-11	10907	Water	05/16/25 00:00	05/16/25 16:00	
890-8172-12	0112201	Water	05/16/25 00:00	05/16/25 16:00	

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Revised Date: 08/25/2020 Rev. 2020.2



Environment Testing

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

Little Rock, AR (501) 224-5060



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890-8172 Chain of Custody

Project Manager: Wan Gilbart	Bill to: (if different)		Work Order Com	iments					
Company Name: TCC	Company Name:		Program: UST/PST PRPB Brownfiel	ds 🗌 RRC 📗 Superfund 🗀					
Address: SOSE. HUntland Suite	255 Address:		State of Project:						
City, State ZIP: AUSTIP TX 78762	City, State ZIP:		Reporting: Level II Level III PST/US						
Phone: 5/2 329 6080 Email: Gilbestoteccompanies com 35t of Re 1240 Deliverables: EDD ADAPT Other:									
Project Name: Younger Sunction	Turn Around	ANALYSIS REQ		Preservative Codes					
	Routine Rush Pres.		Nor	ne: NO DI Water: H ₂ O					
Project Location: LOCO HILLS, NM Due	e Date: 48 hrs	aw l	Coo	ol: Cool MeOH: Me					
Sampler's Name: Scion Valland TAT	T starts the day received by	80/5 (C D) D'O) MID		L: HC HNO ₃ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT Temp Blank: Fes No W	Vet Ice: S No	3 8	H ₃ F	PO ₄ : HP					
Samples Received Intact: Yes No Thermometer ID	7			HSO₄: NABIS					
Cooler Custody Seals: Yes No NA Correction Factor	or. – – –	302 lo		S ₂ O ₃ : NaSO ₃					
Sample Custody Seals: Yes No (N/A) Temperature Re Total Containers: Corrected Temp		1 [6.18]		Acetate+NaOH: Zn OH+Ascorbic Acid: SAPC					
				211-7 (300) DIO 7 (314) - 3741 - 3					
Sample Identification Matrix	ampled Depth Comp Cont	BIEK 30 TPH BOS Chloride		Sample Comments					
15-2A-7 5 03/1425/13	300 Att C 1	xxx							
	3 65 MIT C 1	x x x							
BS-2C-4 5 05/16/25 13		X X X							
	515 4th C 1	X X X							
	325 YAT C 1	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\							
	330 VATC 1	XXX							
	300 3H C 1	X X X							
10401 m 02/185 N		X							
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lotice: Signature of this document and relinquishment of samples constitute of service. Eurofins Xenco will be liable only for the cost of samples and shu of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each proj	all not assume any responsibility for a	any losses or expenses incurred by the client if such losses an	due to circumstances beyond the control						
Relinquished by: (Signature) Received by	y: (Signature)	Date/Time Relinquished by: (Signatu	re) Received by: (Signature)	eived by: (Signature) Date/Time					
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Eurofins Carlsbad

1089 N Canal St. Carlsbad, NM 88220 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



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Environment Testing

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Released to Imaging: 7/31/2025 3:06:40 PM

	Sampler:						b PM: ramer, Jessica								Carrier Tracking No(s): N/A							
Client Information (Sub Contract Lab)	N/A Phone:			E-M									State of Origin:					390-5146 Page:	7. 1			
Shipping/Receiving	N/A				ssica.K	ca. Kramer@et.eurofinsus.com Texa Accreditations Required (See note):							Texas					Page 1 o	f 2			
Company: Eurofins Environment Testing South Centr						AP -			(See n	ote):								lob #: 390-8172	2-1			
Address:	Due Date Request	ed:											4. 5				_	reservat		les:		
1211 W. Florida Ave,		5/20/2025					Analysis Requested															
City: Midland	TAT Requested (d	ays): N/A	A													1						
State, Zip:							2															
TX, 79701 Phone:	PO#:				-88		10 N									:						
432-704-5440(Tel)	N/A				会 器		8 8	ide														
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N/A Project Name:	Project #:				-		8	GH CH								5						
YOUNGER 5UNCTION	89000188					Ĭ.	S	LEA														
Site: N/A	SSOW#: N/A					Calc BTEX	8015MOD_NM/8015NM_S_Prep TPH 8015 NM	300_ORGFM_28D/DI_LEACH Chloride		>								Other: N/A				
			Ι	Matrix			1 W/8	A 28	alc	Total_BTEX_GCV							ľ					
	1		Sample Type	(W=water,	2	8021B/6035FP	2	GFN	8015MOD_Calc	TEX												
		Sample	(C=Comp,	S=solid, O=waste/oil,	모 .	10r	15MG	Ö	15MG	Tes .												
Sample Identification - Client ID (Lab ID)	Sample Date	Time ·		BT=Tissue, A=Ali	₁)	8	è	30	80	2		Marie 4 American				DOMESTICS .		Spe	ecial In	struction	ns/Note	a:
		<u>><</u>	Preservi	ation Code:	X	XI.					100						X				0.0	
BS-2A 4 (890-8172-1)	5/16/25	13:00 Central	G	Solid	Ш	Х	X	X	Х	Х						100						
BS-2B-4 (890-8172-2)	5/16/25	13:05 Central	G	Solid		×	×	Х	х	х							1					
BS-2C-4 (890-8172-3)	5/16/25	13:20 Central	G	Solid		х	×	Х	х	х							1					
BS-2D-4 (890-8172-4)	5/16/25	13:15 Central	G	Solid	Ш	×	×	х	Х	х							2					
BS-1A-4 (890-8172-5)	5/16/25	13:25 Central	G	Solid	Ш	×	X	Х	Х	х												
BS-1B-4 (890-8172-6)	5/16/25	13:30 Central	G	Solid	Ш	×	×	Х	Х	Х		_		1								
BF-1 (890-8172-7)	5/16/25	13:30 Central	G	Solid	Ш	×	X	Х	X	Х		\perp	Ш		1		1					
DUP-2 (890-8172-8)	5/16/25	13:00 Central	G	Solid	Ш	X	X	X	Х	Х							1					
10907 (890-8172-9)	5/16/25	Central	G	Solid		×	X	Х	Х	Х							1					
Note: Since laboratory accreditations are subject to change, Eurofins Env laboratory does not currently maintain accreditation in the State of Origin	listed above for analysis/test	s/matrix being	analyzed the	samples must	be ship	ped ba	ack to the	he Eur	ofins b	nviro	ment Te	sting S	outh Ce	entral, Li	.C labor	ratory or	r othe	r instructioi	ns will be	provided.	Any char	nges to
accreditation status should be brought to Eurofins Environment Testing S	South Central, LLC attention i	mmediately. I	f all requested	accreditations																		, LLC.
Possible Hazard Identification					S										ples a				than 1	month)		
Unconfirmed					_		Retur						sal B	y Lab		<u> </u>	rchi	re For		Mont	hs	
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Empty Kit Relinquished by:		Date:			Time	e:							Metho	d of Shi	pment:							
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Relinquished by:	Date/Time:			Company		Re	ceived	by:						Da	ate/Time	9:				Company	/	
Custody Seals Intact: Custody Seal No.:						Co	oler Te	mpera	iture(s) °C aı	nd Other	Remark	(S: {	100	11.	9	Y	Ve de la				
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Eurofins Carlsbad

1089 N Canal St.

Carlsbad, NM 88220

Chain of Custody Record

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Environment Testing

6/10/2025 (Rev. 1)

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20/2025 Requested (da	ys):			NE	TAD	Accreditations Required (See note): Job #: NELAP - Texas 890-8172-1									Job #:		
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for analysis/tests	/matrix being	analyzed, the sar	nples must	be shi	pped I	back t	to the I	Eurofin	s Envir	onment T	esting :	South Cer	tral, LLC I	aborator	y or oth	er instructions will be	provided. Any changes
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mary Delivera	able Rank: 2	2			Spec	cial I	nstru	ctions	QC F	Require	ments						
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	for analysis/tests, LLC attention in	A ject #: 000188 DW#: A Sample Time 5/16/25 Central sting South Central, LLC place for analysis/tests/matrix being , LLC attention immediately. If imary Deliverable Rank: 2 Date: e/Time:	A Sample Type (C=comp, G=grab) Br 5/16/25 Central G Sting South Central, LLC places the ownership of for analysis/tests/matrix being analyzed, the sar, LLC attention immediately. If all requested accommany Deliverable Rank: 2 Date: e/Time: Comparison Compa	Sample Type Sample Time Sample G=grab) Siting South Central, LLC places the ownership of method, for analysis/tests/matrix being analyzed, the samples mus, LLC attention immediately. If all requested accreditations Date: e/Time: Company Matrix (W-water, 3-aolid, 0-wasteloil, 18-rissue, A-A Preserva Solid Solid Solid Fall requested accreditations Company	Sample Time Sample (C=comp, G=grab) BTTIssue, A=AIr) Siting South Central, LLC places the ownership of method, analyte for analysis/tests/matrix being analyzed, the samples must be sh, LLC attention immediately. If all requested accreditations are cut immary Deliverable Rank: 2 Date: Company Company	Sample Time Sample (C=comp, G=grab) Solid Solid States Analysis/tests/matrix being analysed, the samples must be shipped LLC attention immediately. If all requested accreditations are current samples must be shipped accreditation samples must be shipped accreditation samples must be shipped accreditation sample	Sting South Central, LLC places the ownership of method, analyte & accredit for analysis/flests/matrix being analyzed, the samples must be shipped back, LLC attention immediately. If all requested accreditations are current to dail many Deliverable Rank: 2 Special I Date: Time: Date: Time: Company Receiver/Time: Comp	Sting South Central, LLC places the ownership of method, analyte & accreditation of for analysis/tests/matrix being analyzed, the samples must be shipped back to the LLC attention immediately. If all requested accreditations are current to date, return to the company analysis/tests/matrix being analyzed, the samples must be shipped back to the LLC attention immediately. If all requested accreditations are current to date, return to the company and the company and the company are returned by the compan	Sting South Central, LLC places the ownership of method, analyte & accreditation compliar for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofini, LLC attention immediately. If all requested accreditations are current to date, return the sample Disposal (Sample Disposal (Return To Clie Return To Clie Special Instructions. Date: Time: Company Received by: EfTime: Company Received by: EfTime: Company Received by: EfTime: Company Received by:	Sting South Central, LLC places the ownership of method, analyte & accreditation compliance up for analysis/flests/matrix being analyzed, the samples must be shipped back to the Eurofins Envir. LLC attention immediately. If all requested accreditations are current to date, return the signed imary Deliverable Rank: 2 Sample Disposal (A fee Return To Client Special Instructions/QC F Date: Time: Company Received by: Prime: Prime: Company Received by: Prime: Prime	Sting South Central, LLC places the ownership of method, analyte & accreditation compliance upon our sulfor analysis/flests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment T, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of the sample of the samples must be shipped back to the Eurofins Environment T, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of the sample Disposal (A fee may be return To Client Special Instructions/QC Required Date: Date: Time: Company Received by: Prime: Prime: Company Received by: Prime: Company Received by: Prime: Prime: Company Received by: Prime: Prime: Received by: Prime: Prime: Received by: Received by: Prime: Received by: Prime: Received by: Received by: Prime: Received by: Recei	Sting South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontra for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing & LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody Sample Disposal (A fee may be assument of the current	Sing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laborate for analysis/ficests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting Sample Disposal (A fee may be assessed if Return To Client Disposal By imary Deliverable Rank: 2 Special Instructions/QC Requirements: Date: Time: Method Property Prope	Sting South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This for analysis/dests/matrix being analyzed, the samples must be shipped back to the 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 upon our subcontract laboratories. This for analysis/dests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC it. LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complete the complete of the current of the complete of the current of the cu	Sing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC altention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance. LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance. Sample Disposal (A fee may be assessed if samples are Return To Client Disposal By Lab	Sting South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipms for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or oh. 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 laboratory or oh. 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 laboratory or oh. 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 laboratory or oh. 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 laboratory or oh. 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 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 place and LLC place accreditation and the support of the support	Sing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under for analysis/flests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be , LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Te Sample Disposal (A fee may be assessed if samples are retained longer than 1 Return To Client Disposal By Lab Archive For

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-8172-1

SDG Number: Loco Hills NM

Login Number: 8172 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.	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	N/A	

Eurofins Carlsbad

<6mm (1/4").

Login Sample Receipt Checklist

Client: TRC Solutions, Inc. Job Number: 890-8172-1 SDG Number: Loco Hills NM

Login Number: 8172 **List Source: Eurofins Midland** List Creation: 05/19/25 09:36 AM List Number: 2

Creator: Laing, Edmundo

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	N/A	

<6mm (1/4").



Site: Holly Younger Junction

Location: Loco Hills, NM

Client Name: HF SinclairMidstream

Project #: 650142

Laboratory: Eurofins Environment Testing, Midland, TX

Sample Collection Date(s):

Lab Report #: 890-8172-1 (Revision 1)

Reviewer: Nancy Bergstrom Peer Reviewer: Elizabeth Denly

Review Date: 6/10/2025

Analytical Method(s):

-Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) with Benzene, Toluene, Ethylbenzene, m,p-Xylenes, o-Xylene, and Xylenes, Total by SW-846 Method 8021B -Total Petroleum Hydrocarbons (TPH) with Gasoline Range Organics (GRO), Diesel Range Organics (DRO), Oil Range Organics (ORO) by SW-846 Method 8015B NM

Matrices Sampled:

samples

Soil and 2 aqueous QC

5/16/2025

-Chloride by EPA Method 300.0

Sampling Objective(s):

Release Response Investigation

Sample IDs (List IDs or attach COC):

BS-2A-4, BS-2B-4, BS-2C-4, BS-2D-4, BS-1A-4, BS-1B-4, BF-1, DUP-2, 10907, 0112201

Revi	ew Item or Question	Y	N	NA	Comments ^a (please add comment for each item with a checked shaded box)
Chain	of-Custody and Data Completeness				
1	Was COC appropriately completed?	Χ			
2	Did the laboratory report correct sample IDs?		Х		The laboratory logged in the sample ID for BS-2A-4 as BS-2A 4.
3	Do the laboratory reported sample collection dates and times agree with the COC forms?	Х			
4	Are results reported for all analytical methods requested?	Х			



Revi	ew Item or Question	Υ	N	NA	Commentsa (please add comment for each item with a checked shaded box)
5	Are results reported for all samples submitted for analysis?	Х			
6	Were the requested analytical methods used?	Х			
7	Are results reported for all target analytes, but no additional analytes?	Х			
8	SOIL/SEDIMENT ONLY: Were soil/sediment results reported on a dry weight basis?		Х		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?		Х		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?	Х			
Sampl	e Preservation				
11a	Did samples arrive at the laboratory appropriately preserved?	Х			
11b	Was the cooler temperature between 0-6°C?	Х			
11c	Was acid used for preservation when required (e.g., aqueous VOC and metals samples)?	Х			
11d	SOIL/SEDIMENT ONLY: Were soil/sediment VOC samples preserved in the field or collected in EnCore® samplers?		Х		All samples were received 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.)?	Х			
13	Were any issues noted by the laboratory upon receipt?		Х		
14a	AIR ONLY: Were canisters received with an acceptable vacuum?			Х	



Review Item or Question		Y	N	N NA	Commentsa (please add comment for each item with a checked shaded box)	
14b	AIR ONLY: Were the RPDs between the initial and final canister flow controller calibrations <20?			Х		
Holdir	ng Times					
15	Were sample preparation and analysis holding time requirements met?	Х				
Repor	ting Limits					
16	Do the reporting limits meet the project specifications (e.g., QAPP or Work Plan)?	Х				
17	Were dilutions performed? If so, note sample(s) and parameters(s) affected and the dilution factor(s).	Х			Chloride: BS-1B-4 (5x)	
18	Did the laboratory provide an adequate explanation as to why dilutions were performed?		Х		No explanation was provided for the sample dilution.	
QC F	Results			•		
Blank	s ^b					
19	Were target analytes detected in the method blanks? If yes, list contaminants, concentrations detected and associated samples.		Х			
20	Does each analytical or preparation batch have its own method blank?	Х				
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).		х		Trip Blank samples 10907 and 0112201 were submitted with this data set for BTEX analysis.	
22	Are there any potential false positive results based on questions 19 and/or 21?		Х			

ECR Practice November 2022



Review Item or Question		Y	N	N NA	Comments ^a (please add comment for each item with a checked shaded box)	
23	Are LCS/LCSD recoveries within QC limits? If no, list analytes affected, the LCS/LCSD recoveries, and the affected samples.	Х				
24	Does each analytical or preparation batch have its own LCS?	Х			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.	х				
Matrix	Spikes ^c Note: If not performed on a project	ect sam	iple, eval	luation i	is not required.	
26	Are MS/MSD recoveries within QC limits? If no, list analytes affected, the MS/MSD recoveries and the sample that was spiked.		Х		MS/MSD analyses were performed on the following samples from this data set: -BS-2A-4 for BTEX -BS-2B-4 for chloride The MSD percent recovery (%R) for chloride (111%) was above the laboratory control limits (90-110%). The positive results for chloride in all soil samples in this data set 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.	Х				
Surrog	gates ^c					
28	ORGANIC ANALYSES ONLY: Are surrogate recoveries within QC limits? If no, list samples, surrogate recoveries and analytes affected.	х				
Duplic	cates ^c Note: If not performed on a proj	ect san	nple, eva	luation	is not required.	
29	Are laboratory duplicate RPDs within QC limits? If no, list analytes affected, the RPDs and the sample that was prepared/analyzed in duplicate.			х	Laboratory duplicate analyses were not performed on a sample from this data set.	



Revie	ew Item or Question	Y	N	NA	Comments ^a (please add comment for each item with a checked shaded box)
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.	х			The following samples were submitted as the field duplicate pair with this sample set: BS-2A-4 and DUP-2 RPD criteria were met for the detected analyte (chloride).
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).		х		
32	Were any other potential data quality issues identified? If yes, describe issues.		Х		
33	Do any results look questionable? If yes, ASK THE LAB.		Х		
34	Has the EDD been compared to the lab report?	Х			

Additional Comments:

The laboratory report was revised to provide the COC between the Carlsbad, NM and Midland, TX facilities.

Notes:

After data tables are created, check that reporting limits are below the project action levels (e.g., screening criteria, remediation standards, etc.) and compare data with historical results, if applicable. List any findings from this evaluation, when applicable, in the Additional Comments box above.

- a Comments generally need to be addressed in the TRC deliverable presenting the laboratory data, but this will be dependent on project requirements.
- b Check if local or regional criteria for blank assessments are available; these will supersede criteria in this checklist.
- c Use QC limits in QAPP, if available. If not, use QC limits provided by laboratory in data package.

ECR Practice November 2022



Review Item or Question

Y

N

NA

Commentsa
(please add comment for each item with a checked shaded box)

The EPA Superfund Contract Laboratory Program (CLP) National Functional Guidelines (NFGs) for Data Review (November, 2020) or most recent version found here:

https://www.epa.gov/clp/superfund-clp-national-functional-guidelines-data-review

are typically used for data review guidelines when other project or state/regulatory data review guidance is not available. Project and state/regulatory data review guidance should be used and cited when applicable.

Abbreviations:

BTEX Benzene, Toluene, Ethylbenzene, Xylenes

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

MS/MSD Matrix Spike / Matrix Spike Duplicate

ORO Oil Range Organics

QAPP Quality Assurance Project Plan

QC Quality Control

RPD Relative Percent Difference
TPH Total Petroleum Hydrocarbons
VOC Volatile Organic Compound



Appendix E: Waste Manifests



Ticket Number 113641 05/12/25 04:19 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE MATERIAL

Material

Quantity

Cell

OCD EXEMPT SOILS 20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP Address: Phone No.:

Driver Name: Truck Number: 401 Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

listed above.

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

■ MSDS Information

☐RCRA Hazardous Waste Analysis

Other (Provide Description Below)

■ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must

accompany this form.)

KIMBERLY MURPHY

Name

Name

Roberty Murphy Signature



Ticket Number 113636 05/12/25 12:42 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE MATERIAL

Material

Cell

OCD EXEMPT SOILS

Quantity 20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP

Address: Phone No.: Driver Name: Truck Number: 401 Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

■ MSDS Information

☐RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

KIMBERLY MURPHY

Name

Name

Signature

Roberty Murphy

TRANSPORTER'S MANIFEST **SHIPPERS NAME AND ADDRESS:** LOCATION OF MATERIAL/SITE: Holly Energy Partners - Operating, L.P. Younger Junction Release 1602 W. Main Street Eddy County, NM Artesia, NM 88210 NMOCD Incident No. nAPP2501352512 Latitude 32.816957, Longitude -103.990719 TRANSPORTERS NAME AND ADDRESS: Gandy Marley, Inc. PO Box 1658 Roswell, NM 88202 **DESCRIPTION OF WASTE:** E&P EXEMPT SOIL: 20 cubic yards **FACILITY CONTACT:** Paul Richardson Signature: Holly Energy Partners - Operating, L.P. 3333 Southwest Blvd Tulsa, OK 74107 Date: TRANSPORTER INFORMATION: Truck #401 Gandy Marley, Inc. Signatuce: PO Box 1658 Printed Name: Lat Maryow Date: 5-12-25 Roswell, NM 88202 **DISPOSAL SITE:** Gandy Marley, Inc. Signature: Near Caprock, NM Printed Name: Date: **DIRECT BILL:**

Holly Energy Partners - Operating, L.P. care of Melanie Nolan



Ticket Number 113639 05/12/25 03:36 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435 NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE MATERIAL

Material

Quantity

Cell

OCD EXEMPT SOILS

20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP Address:

Phone No.:

Driver Name: Truck Number: 218

Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐MSDS Information

RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must

accompany this form.)

KIMBERLY MURPHY

Name

Name

Borbeely Murphy

Signature



Ticket Number 113635 05/12/25 12:16 PM

GENERATOR Generator: HOLLY ENERGY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

P.O. Box 1658

Roswell, NM 88202

Fax (575)347-0435

Office (575) 347-0434

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

NORM Readings Taken: No Reading > 50 micro roentgens: No

Pass the Paint Filter Test: No

Box Number:

WASTE MATERIAL

Material

Quantity

Cell

OCD EXEMPT SOILS

20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP Address:

Phone No.:

Driver Name:

Truck Number: 218

Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

■ MSDS Information

☐RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must

accompany this form.)

Signature

KIMBERLY MURPHY

Name

Name

Signature

Borbeely Murphy

TRANSPORTER'S MANIFEST SHIPPERS NAME AND ADDRESS: **LOCATION OF MATERIAL/SITE:** Holly Energy Partners - Operating, L.P. Younger Junction Release 1602 W. Main Street Eddy County, NM Artesia, NM 88210 NMOCD Incident No. nAPP2501352512 Latitude 32.816957, Longitude -103.990719 TRANSPORTERS NAME AND ADDRESS: Gandy Marley, Inc. PO Box 1658 Roswell, NM 88202 **DESCRIPTION OF WASTE:** E&P EXEMPT SOIL: 20 cubic yards **FACILITY CONTACT:** Paul Richardson Signature: Holly Energy Partners - Operating, L.P. 3333 Southwest Blvd Tulsa, OK 74107 TRANSPORTER INFORMATION: Gandy Marley, Inc. GANDY PO Box 1658 Roswell, NM 88202 Signature: Printed Name: **DISPOSAL SITE:** Gandy Marley, Inc. Signature: Near Caprock, NM Printed Name: Date: **DIRECT BILL:** Holly Energy Partners - Operating, L.P. care of Melanie Nolan

Released to Imaging: 7/31/2025 3:06:40 PM



113638 05/12/25 02:54 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE	MAT	ERIAL	
-------	-----	-------	--

Material

Quantity

Cell

OCD EXEMPT SOILS

20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP Address:

Phone No.:

Driver Name: Truck Number: 402

Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

(Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D. as amended. The following documentation demonstrating the waste as non-hazardous is attached:

MSDS Information

☐RCRA Hazardous Waste Analysis

Other (Provide Description Below)

■ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Signature

KIMBERLY MURPHY

Name

Name

TRANSPO	RTER'S	MANIFEST
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LOCATION OF MATERIAL/SITE: SHIPPERS NAME AND ADDRESS: Younger Junction Release Holly Energy Partners - Operating, L.P. Eddy County, NM 1602 W. Main Street NMOCD Incident No. nAPP2501352512 Artesia, NM 88210 Latitude 32.816957, Longitude -103.990719 TRANSPORTERS NAME AND ADDRESS: Gandy Marley, Inc. PO Box 1658 Roswell, NM 88202 **DESCRIPTION OF WASTE: E&P EXEMPT SOIL: 20 cubic yards FACILITY CONTACT:** Signature: Paul Richardson Holly Energy Partners - Operating, L.P. 3333 Southwest Blvd Date: Tulsa, OK 74107 TRANSPORTER INFORMATION: Gandy Corporation Signature: Marcos E. Mendoza Printed Name: Marcos Efren Mendoza Gandy Marley, Inc. PO Box 1658 Roswell, NM 88202 Truck # 402 Date: <u>05 (12 | 25</u> DISPOSAL SITE: Signature: Gandy Marley, Inc. Near Caprock, NM Printed Name: Date: **DIRECT BILL:**

Holly Energy Partners - Operating, L.P. care of Melanie Nolan

TRANSPORTER'S MANIFEST SHIPPERS NAME AND ADDRESS: LOCATION OF MATERIAL/SITE: Holly Energy Partners - Operating, L.P. Younger Junction Release 1602 W. Main Street Eddy County, NM Artesia, NM 88210 NMOCD Incident No. nAPP2501352512 Latitude 32.816957, Longitude -103.990719 TRANSPORTERS NAME AND ADDRESS: Gandy Marley, Inc. PO Box 1658 Roswell, NM 88202 **DESCRIPTION OF WASTE:** E&P EXEMPT SOIL: 20 cubic yards **FACILITY CONTACT:** Paul Richardson Signature: Holly Energy Partners - Operating, L.P. 3333 Southwest Blvd Tulsa, OK 74107 TRANSPORTER INFORMATION: Gandy Corporation Signature: Marcos E. Mendoza Printed Name: Marcos Efren Mendoza Gandy Marley, Inc. PO Box 1658 Roswell, NM 88202 Truck # 402 Date: 05/12/2**5** DISPOSAL SITE: Gandy Marley, Inc. Signature: Near Caprock, NM Printed Name: Date: DIRECT BILL: Holly Energy Partners - Operating, L.P. care of Melanie Nolan



113637 05/12/25 01:17 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE M	AIERIAL
---------	---------

Material Quantity Cell OCD EXEMPT SOILS 20.00 YDS LF

TRANSPORTER

Name: GANDY CORP Address: Phone No.:

Driver Name: Truck Number: 223 Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

□RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

■ MSDS Information

☐RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

KIMBERLY MURPHY

Name

Name

Signature



113642

05/12/25 04:23 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE MATERIA	۱L
---------------	----

Material

Quantity

Cell

OCD EXEMPT SOILS

20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP

Address: Phone No.: Driver Name: Truck Number: 223

Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

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Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

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Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐MSDS Information

RCRA Hazardous Waste Analysis

Other (Provide Description Below)

■ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

KIMBERLY MURPHY

Name

Name

Signature

Signature

Konbedy Murghy

TRANSP	PORTER'S MANIFEST
SHIPPERS NAME AND ADDRESS:	LOCATION OF MATERIAL/SITE:
Holly Energy Partners - Operating, L.P.	Younger Junction Release
1602 W. Main Street	Eddy County, NM
Artesia, NM 88210	NMOCD Incident No. nAPP2501352512
	Latitude 32.816957, Longitude -103.990719
TRANSPORTERS NAME AND ADDRESS:	
Gandy Marley, Inc.	
PO Box 1658	
Roswell, NM 88202	
DESCRIPTION OF WASTE:	
E&P EXEMPT SOIL: 20 cubic yards	
FACILITY CONTACT:	
Paul Richardson	Signature:
Holly Energy Partners - Operating, L.P.	
3333 Southwest Blvd	
Tulsa, OK 74107	Date:
TRANSPORTER INFORMATION:	
Gandy Marley, Inc.	Signature: Jan Sutton
PO Box 1658	the state of the s
Roswell, NM 88202	Printed Name: Terry ANThony
	Date: 5/12/25
DISPOSAL SITE:	
Gandy Marley, Inc.	Simon While Mush
Near Caprock, NM	Signature: ////////////////////////////////////
real capiock, will	Printed Name: Kimberly Mushy
	Date: 5-12-33
DIRECT BILL:	
Holly Energy Partners - Operating, L.P. care of	Melanie Nolan

593250 Page 283 of 312



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

Ticket Number 113717 05/16/25 01:51 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE MATERIAL

Material Quantity

OCD EXEMPT SOILS 20.00 YDS LF

Cell

TRANSPORTER

Name: GANDY CORP

Address: Phone No.: Driver Name: Truck Number: 222 Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

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Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

MSDS Information

□RCRA Hazardous Waste Analysis

Other (Provide Description Below)

■ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must

accompany this form.)

KIMBERLY MURPHY

Name

Name

Signature

Borbeely Murphy

icket Number



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

113700 05/16/25 10:40 AM

GENERATOR

Generator: HOLLY ENERGY **Generator Contact:**

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE	MAT	ERIAL
-------	-----	-------

Material

Quantity

Cell

OCD EXEMPT SOILS

20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP

Address: Phone No.:

Driver Name: Truck Number: 222

Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

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(Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D. as amended. The following documentation demonstrating the waste as non-hazardous is attached:

■ MSDS Information

☐RCRA Hazardous Waste Analysis

Other (Provide Description Below)

■Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Signature

KIMBERLY MURPHY

Name

Name



TRANSPORTER'S MANIFEST				
SHIPPERS NAME AND ADDRESS:	LOCATION OF MATERIAL/SITE:			
Holly Energy Partners - Operating, L.P. 1602 W. Main Street Artesia, NM 88210	Younger Junction Release Eddy County, NM NMOCD Incident No. nAPP2501352512 Latitude 32.816957, Longitude -103.990719			
TRANSPORTERS NAME AND ADDRESS: Gandy Marley, Inc. PO Box 1658 Roswell, NM 88202				
DESCRIPTION OF WASTE:				
E&P EXEMPT SOIL: 20 cubic yards				
FACILITY CONTACT:				
Paul Richardson Holly Energy Partners - Operating, L.P. 3333 Southwest Blvd Tulsa, OK 74107	Signature: Date:			
TRANSPORTER INFORMATION:	2			
Gandy Mariey, Inc. PO Box 1658 Roswell, NM 88202	Signature: Surfix FLENCO Printed Name: Scylo FLENCO Date: 5 16 200			
DISPOSAL SITE:	2/1/20			
Gandy Marley, Inc. Near Caprock, NM	Signature: ////////////////////////////////////			
	Date: 5-11-13			

DIRECT BILL:

Holly Energy Partners - Operating, L.P. care of Melanie Nolan



TRANSPORTER'S MANIFEST				
SHIPPERS NAME AND ADDRESS:	LOCATION OF MATERIAL/SITE:			
Holly Energy Partners - Operating, L.P.	Younger Junction Release			
1602 W. Main Street	Eddy County, NM			
Artesia, NM 88210	NMOCD Incident No. nAPP2501352512			
	Latitude 32.816957, Longitude -103.990719			
TRANSPORTERS NAME AND ADDRESS:				
Gandy Marley, Inc.				
PO Box 1658				
Roswell, NM 88202				
DESCRIPTION OF WASTE:				
E&P EXEMPT SOIL: 20 cubic yards				
FACILITY CONTACT:				
Paul Richardson	Signature:			
Holly Energy Partners - Operating, L.P.				
3333 Southwest Blvd				
Tulsa, OK 74107	Date:			
TRANSPORTER INFORMATION:				
Gandy Marley, Inc.	Signaturo			
PO Box 1658	Signature. Melly Jessen			
Roswell, NM 88202	Printed Name: Leny Serrano			
	Date: 5-16-25			
DISPOSAL SITE:	a/ 1 1 m			
6	Kirled Human			
Gandy Marley, Inc.	Signature: / //////////////////////////////////			
Near Caprock, NM	Valle Miller			
	Printed Name: ////////////////////////////////////			
	Date: 5-16-25			
DIRECT BILL:				

Did load 1:38pm Km



Ticket Number 300434 113699 05/16/25 10:30 AM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE MATERIAL

Material

Quantity

Cell

OCD EXEMPT SOILS

20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP

Address: Phone No.

Driver Name: Truck Number: 223 Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

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■ MSDS Information

☐RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must

accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name



Ticket Number 113716 05/16/25 01:38 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact: **UNKNOW**

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019) P.O. Box 1658

Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE MATERIAL

Quantity Material

Cell

20.00 YDS OCD EXEMPT SOILS

LF

TRANSPORTER

Name: GANDY CORP

Address: Phone No.: Driver Name: Truck Number: 223

Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

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☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

■ MSDS Information

□RCRA Hazardous Waste Analysis

Other (Provide Description Below)

■ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

KIMBERLY MURPHY

Name

Name

Roberty Murphy



ORTER'S MANIFEST
LOCATION OF MATERIAL/SITE:
Younger Junction Release
Eddy County, NM
NMOCD Incident No. nAPP2501352512
Latitude 32.816957, Longitude -103.990719
Signature:
Date:
\wedge
Wall Charles
Signature: WWW MUSE
Printed Name: Gany & Sen Cho 3
Printed Name: Cubyld Sancho
Date: 5-16-25
///
1/-// M./
Signature: ////////////////////////////////////
V1/1/1/1/1/
Printed Name: ////////////////////////////////////





Ticket Numbe 113715 05/16/25 01:22 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

P.O. Box 1658

Roswell, NM 88202

Fax (575)347-0435

Office (575) 347-0434

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE MATERIAL

Material Quantity

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

Cell

OCD EXEMPT SOILS 20.00 YDS LF

TRANSPORTER

Name: GANDY CORP

Address: Phone No.: Driver Name: Truck Number: 401

Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

(Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐RCRA NON-EXEMPT:

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■MSDS Information

RCRA Hazardous Waste Analysis

Other (Provide Description Below)

■ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must

accompany this form.)

KIMBERLY MURPHY

Name

Name

Signature



Ticket Number 113698 05/16/25 10:14 AM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Fmail:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE	MAT	ERIAL
-------	-----	-------

Material

Quantity

Cell

OCD EXEMPT SOILS

20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP Address:

Phone No.

Driver Name: Truck Number: 401 Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

▼RCRA Exempt:

listed above.

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

(Gandy Marley, Inc. accepts certifications on a per month only basis.)

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■ MSDS Information

☐RCRA Hazardous Waste Analysis

Other (Provide Description Below)

■ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

KIMBERLY MURPHY

Name

Signature



Ticket Number 113696

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET 05/16/25 09:51 AM **GENERATOR** Generator: HOLLY ENERGY Lease: YOUNGER JUNCTION RELEASE Generator Contact: Location: YOUNGER JUNCTION UNKNOW RELEASE UNKNOWN, NM 88888-8888 Job Contact: MELANIE NOLAN Phone No.: Phone Number: (000)000-0000 Email: DISPOSAL FACILITY Site Name/Permit No.: Commercial Landfill (NM-01-0019) NORM Readings Taken: No P.O. Box 1658 Reading > 50 micro roentgens: No Roswell, NM 88202 Pass the Paint Filter Test; No Office (575) 347-0434 Box Number: Fax (575)347-0435 WASTE MATERIAL Material Quantity Cell OCD EXEMPT SOILS 20.00 YDS LF TRANSPORTER Name: GANDY CORP Driver Name: Address: Truck Number: 402 Phone No. Phone No.: I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above. yemy Do **Driver Signature** C-138 I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. RCRA Exempt: (Gandy Marley, Inc. accepts certifications on a per month only basis.) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics ☐RCRA NON-EXEMPT: established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached: ■MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. ☐ Emergency Non-Oilfield: (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name



Ticket Number 113713 05/16/25 12:59 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact: UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435 NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE	MATERIAL

MaterialQuantityCellOCD EXEMPT SOILS20.00 YDSLF

TRANSPORTER

Name: GANDY CORP Address:

Driver Name: Truck Number: 402

Phone No.: Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Kenny Dre

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

__

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D,

☐RCRA Hazardous Waste Analysis

RCRA NON-EXEMPT:

as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐MSDS Information ☐RCRA Hazar

Other (Provide Description Below)

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety.

[The order, documentation of non-hazardous waste determination, and a description of the waste must

accompany this form.)

Name Signature

KIMBERLY MURPHY

Name Signature



TRANSPORTER'S MANIFEST

SHIPPERS NAME AND ADDRESS:

LOCATION OF MATERIAL/SITE:

Holly Energy Partners - Operating, L.P. 1602 W. Main Street

Artesia, NM 88210

Younger Junction Release

Eddy County, NM NMOCD incident No. nAPP2501352512

Latitude 32.816957, Longitude -103.990719

	ERS NAME		

Gandy Marley, Inc.

PO Box 1658

Roswell, NM 88202

DESCRIPTION OF WASTE:

E&P EXEMPT SOIL: 20 cubic yards

FACILITY CONTACT:

Paul Richardson

Holly Energy Partners - Operating, L.P.

3333 Southwest Blvd

Tulsa, OK 74107

Signature:

Date:

TRANSPORTER INFORMATION:

Gandy Marley, Inc.

PO Box 1658

Roswell, NM 88202

Printed Name: Kenneth Dye

Date: 5 16 - 25

DISPOSAL SITE:

Gandy Marley, Inc.

Near Caprock, NM

Signature:

Printed Name:

Date:

DIRECT BILL:

Holly Energy Partners - Operating, L.P. care of Melanie Nolan

TRANSPORTER'S MANIFEST **SHIPPERS NAME AND ADDRESS: LOCATION OF MATERIAL/SITE:** Holly Energy Partners - Operating, L.P. Younger Junction Release Eddy County, NM 1602 W. Main Street NMOCD Incident No. nAPP2501352512 Artesia, NM 88210 Latitude 32.816957, Longitude -103.990719 TRANSPORTERS NAME AND ADDRESS: Gandy Marley, Inc. PO Box 1658 Roswell, NM 88202 **DESCRIPTION OF WASTE: E&P EXEMPT SOIL: 20 cubic yards FACILITY CONTACT:** Paul Richardson Signature: Holly Energy Partners - Operating, L.P. 3333 Southwest Blvd Tulsa, OK 74107 Date: TRANSPORTER INFORMATION: Gandy Marley, Inc. Signature: \ Truck # 402 PO Box 1658 Roswell, NM 88202 Printed Name: Date: **DISPOSAL SITE:** Gandy Marley, Inc. Signature: Near Caprock, NM Printed Name: Date: **DIRECT BILL:** Holly Energy Partners - Operating, L.P. care of Melanie Nolan



Ticket Number 113770 05/21/25 02:58 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435 NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

	V C.	TE			ъ.	
VV.	A3		M	٩TΕ	:KI	AΙ

Material

Quantity

Cell

OCD EXEMPT SOILS

20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP

Address: Phone No.: Driver Name: Truck Number: 402

Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Soundonigung

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

☐RCRA NON-EXEMPT:

MSDS Information

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

Oil field was

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must

accompany this form.)

Name

Signature

KIMBERLY MURPHY

Name

TRANSP	ORTER'S	MANIFEST

SHIPPERS NAME AND ADDRESS:

LOCATION OF MATERIAL/SITE:

Holly Energy Partners - Operating, L.P.

1602 W. Main Street

Artesia, NM 88210

Younger Junction Release

Eddy County, NM

NMOCD Incident No. nAPP2501352512

	Latitude 32.816957, Longitude -103.990	719
TRANSPORTERS NAME AND ADDRESS:		
Gandy Marley, Inc.		
PO Box 1658		
Roswell, NM 88202		
DESCRIPTION OF WASTE:		
E&P EXEMPT SOIL: 20 cubic yards		
FACILITY CONTACT:		
Paul Richardson	Signature:	
Holly Energy Partners - Operating, L.P.		
3333 Southwest Blvd		
Tulsa, OK 74107	Date:	
TRANSPORTER INFORMATION:		
Gandy Marley, Inc.	Signature:	
PO Box 1658		
Roswell, NM 88202	Printed Name:	
	Date:	
DISPOSAL SITE:		
Gandy Marley, Inc.	Signature:	
Near Caprock, NM		
	Printed Name:	

TRANSPORTER'S MANIFEST

SHIPPERS NAME AND ADDRESS:

LOCATION OF MATERIAL/SITE:

Holly Energy Partners - Operating, L.P.

1602 W. Main Street Artesia, NM 88210

Younger Junction Release Eddy County, NM NMOCD Incident No. nAPP2501352512 Latitude 32.816957, Longitude -103.990719

<u> I RAI</u>	<u> 151</u>	<u>'OR</u>	TERS	NAN	ΛE Α	ND	ADD	RESS:

Gandy Marley, Inc.

PO Box 1658

Roswell, NM 88202

DESCRIPTION OF WASTE:

E&P EXEMPT SOIL: 20 cubic yards

FACILITY CONTACT:

Paul Richardson

Holly Energy Partners - Operating, L.P.

3333 Southwest Blvd

Tulsa, OK 74107

Signature:

Date:

TRANSPORTER INFORMATION:

Gandy Marley, Inc.

PO Box 1658

Roswell, NM 88202

Signature:

Printed Name

DISPOSAL SITE:

Gandy Marley, Inc.

Near Caprock, NM

Signature:

Printed Name:

Date: '

DIRECT BILL:

Holly Energy Partners - Operating, L.P. care of Melanie Nolan

Truck # 222



Ticket Number 113769 05/21/25 02:55 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact: UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE	MATERIA	٩Ļ
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Material Quantity Cell

OCD EXEMPT SOILS 20.00 YDS LF

TRANSPORTER

Name: GANDY CORP Address: Phone No.:

Driver Name: Truck Number: 222 Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

(Gandy Marley, Inc. accepts certifications on a per month only basis.)

RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

■MSDS Information

☐RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must accompany this form.)

KIMBERLY MURPHY

Name

Name

Signature

TRAI	NSPORT	TER'S	MAI	NIFEST

SHIPPERS NAME AND ADDRESS: LOCATION OF MATERIAL/SITE: Holly Energy Partners - Operating, L.P. Younger Junction Release 1602 W. Main Street **Eddy County, NM** Artesia, NM 88210 NMOCD Incident No. nAPP2501352512 Latitude 32.816957, Longitude -103.990719 **TRANSPORTERS NAME AND ADDRESS:** Gandy Marley, Inc. PO Box 1658 Roswell, NM 88202 **DESCRIPTION OF WASTE:** E&P EXEMPT SOIL: 20 cubic yards **FACILITY CONTACT:** Paul Richardson Signature: Holly Energy Partners - Operating, L.P. 3333 Southwest Blvd Tuisa, OK 74107 Date: **TRANSPORTER INFORMATION:** Gandy Marley, Inc. Truck # 401 Signature PO Box 1658 Roswell, NM 88202 Printed Name: (**DISPOSAL SITE:** Gandy Marley, Inc. Signature: Near Caprock, NM Printed Name:

Date:

DIRECT BILL:

Holly Energy Partners - Operating, L.P. care of Melanie Nolan



WT-59/9 Page 301 of 312

113771 05/21/25 03:00 PM

GENERATOR

Generator: HOLLY ENERGY Generator Contact: UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435 NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test; No

Box Number:

WAS'	r=			
MAG		MM	IER	JAL

Material

Quantity

Cell

OCD EXEMPT SOILS

20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP

Address: Phone No.: Driver Name: Truck Number: 401 Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility



C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

▼RCRA Exempt:

listed above.

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

(Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached:

☐RCRA Hazardous Waste Analysis

■ MSDS Information

Other (Provide Description Below)

☐Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must

accompany this form.)

Name

Name

Signature

Signature

Kenberly Murphy

TRANSPORTER'S MANIFEST SHIPPERS NAME AND ADDRESS: LOCATION OF MATERIAL/SITE: Holly Energy Partners - Operating, L.P. Younger Junction Release 1602 W. Main Street Eddy County, NM Artesia, NM 88210 NMOCD Incident No. nAPP2501352512 Latitude 32.816957, Longitude -103.990719 TRANSPORTERS NAME AND ADDRESS: Gandy Marley, Inc. PO Box 1658 Roswell, NM 88202 **DESCRIPTION OF WASTE: E&P EXEMPT SOIL: 20 cubic yards FACILITY CONTACT:** Paul Richardson Signature: Holly Energy Partners - Operating, L.P. 3333 Southwest Blvd Tulsa, OK 74107 Date: TRANSPORTER INFORMATION: Gandy Marley, Inc. Signature: PO Box 1658 Roswell, NM 88202 Printed Name: **DISPOSAL SITE:** Gandy Marley, Inc. Signature: Near Caprock, NM

Printed Name:

Date:

DIRECT BILL:

Holly Energy Partners - Operating, L.P. care of Melanie Nolan



ルア-543 Bage β03 of 312

113773 05/22/25 09:56 AM

GENERATOR

Generator: HOLLY ENERGY Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WΔ	STE	: м.	ΔΤΙ	=DI	ΔI

Material

Quantity

Cell

OCD EXEMPT SOILS

20.00 YDS

LF

TRANSPORTER

Name: GANDY CORP

Address: Phone No.: Driver Name: Truck Number: 222 Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

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Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261-24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D,

RCRA Hazardous Waste Analysis

as amended. The following documentation demonstrating the waste as non-hazardous is attached:

■ MSDS Information

Other (Provide Description Below)

☐ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must

accompany this form.)

Name

Billy Jack Clayton

Name

Signature

inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST/DISPOSAL TICKET

WT- 59 36/8 Page 304 of 312

05/22/25 09:57 AM

GENERATOR

Generator: HOLLY ENERGY

Generator Contact:

UNKNOW

UNKNOWN, NM 88888-8888

Phone No.:

Lease: YOUNGER JUNCTION RELEASE

Location: YOUNGER JUNCTION

RELEASE

Job Contact: MELANIE NOLAN Phone Number: (000)000-0000

Email:

DISPOSAL FACILITY

Site Name/Permit No.: Commercial Landfill (NM-01-0019)

P.O. Box 1658 Roswell, NM 88202 Office (575) 347-0434 Fax (575)347-0435

NORM Readings Taken: No Reading > 50 micro roentgens: No Pass the Paint Filter Test: No

Box Number:

WASTE MATERIAL

Material

Address:

Quantity

Cell

OCD EXEMPT SOILS

Name: GANDY CORP

20.00 YDS

LF

TRANSPORTER

Driver Name: Truck Number: 402

Phone No.:

I Hearby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed above.

Driver Signature

C-138

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is:

RCRA Exempt:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

(Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐RCRA NON-EXEMPT:

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■MSDS Information

☐RCRA Hazardous Waste Analysis

Other (Provide Description Below)

☐ Emergency Non-Oilfield:

Emergency non-hazardous, non-oilfied waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination, and a description of the waste must

accompany this form.)

Signature Name

Billy Jack Clayton

Name

Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 473726

QUESTIONS

Operator:	OGRID:
HOLLY ENERGY PARTNERS - OPERATING, LP	282505
1602 W. Main St.	Action Number:
Artesia, NM 88210	473726
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2501352512
Incident Name	NAPP2501352512 YOUNGER JUNCTION @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	YOUNGER JUNCTION
Date Release Discovered	01/13/2025
Surface Owner	Federal

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: Human Error Pipeline (Any) Crude Oil Released: 33 BBL Recovered: 30 BBL Lost: 3 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.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 2

Action 473726

QUESTIONS (continued)		
Operator: HOLLY ENERGY PARTNERS - OPERATING, LP 1602 W. Main St. Artesia, NM 88210	OGRID: 282505 Action Number: 473726 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
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.	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 s	afety hazard that would result in injury. I	
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	False	
the actions described above have not been undertaken, explain why All free liquids have been recovered. Contaminated soils are being removed and place bermed plastic lined area for disposal upon approval at NM permitted disposal facility.		
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Melanie Nolan Title: Environmental Specialist Email: melanie.nolan@hfsinclair.com Date: 06/12/2025	

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 3

Action 473726

QUESTIONS (continued)

Operator:	OGRID:
HOLLY ENERGY PARTNERS - OPERATING, LP	282505
1602 W. Main St.	Action Number:
Artesia, NM 88210	473726
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
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	Between 500 and 1000 (ft.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Greater than 5 (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 ½ and 1 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan			
Please answer all the questions th	at 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	Requesting a remediation plan approval with this submission Yes		
Attach a comprehensive report de	monstrating 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 co	ontained within a lined containment area	No	
Soil Contamination Sampling	Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 CI B)	2150	
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	530	
GRO+DRO	(EPA SW-846 Method 8015M)	530	
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.9	
Benzene	(EPA SW-846 Method 8021B or 8260B)	12.2	
	IMAC unless the site characterization report includes completed elines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
On what estimated date will the remediation commence 04/15/2025		04/15/2025	
On what date will (or did) th	ne final sampling or liner inspection occur	05/16/2025	
On what date will (or was) the remediation complete(d)		05/22/2025	
What is the estimated surface area (in square feet) that will be reclaimed		1600	
What is the estimated volume (in cubic yards) that will be reclaimed		420	
What is the estimated surface area (in square feet) that will be remediated		1600	
What is the estimated volume (in cubic yards) that will be remediated 420		420	
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.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 4

Action 473726

QUESTIONS (continued)

Operator:	OGRID:
HOLLY ENERGY PARTNERS - OPERATING, LP	282505
1602 W. Main St.	Action Number:
Artesia, NM 88210	473726
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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.)	Yes	
Which OCD approved facility will be used for off-site disposal	GANDY MARLEY LANDFARM/LANDFILL [fEEM0112338393]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	
0.01 (1.0.10.04.10.00.1 (1.0.1 (1.0.1.1 (1.0.1.1 (1.0.1.1 (1.0.1.1 (1.0.1.1 (1.0.1.1 (1.0.1.1 (1.0.1.1		

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.

Name: Melanie Nolan
Title: Environmental Specialist
Email: melanie.nolan@hfsinclair.com
Date: 06/12/2025

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.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 5

Action 473726

QUESTIONS (continued)

Operator:	OGRID:
HOLLY ENERGY PARTNERS - OPERATING, LP	282505
1602 W. Main St.	Action Number:
Artesia, NM 88210	473726
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 6

Action 473726

QUESTIONS (continued)

Operator:	OGRID:
HOLLY ENERGY PARTNERS - OPERATING, LP	282505
1602 W. Main St.	Action Number:
Artesia, NM 88210	473726
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	451177
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/15/2025
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	2000

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	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	1600	
What was the total volume (cubic yards) remediated	420	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	1600	
What was the total volume (in cubic yards) reclaimed	420	
Summarize any additional remediation activities not included by answers (above)	Remediation and reclamation activities recorded above and documented in the report.	

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

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QUESTIONS, Page 7

Action 473726

QUESTIONS (continued)

Operator:	OGRID:
HOLLY ENERGY PARTNERS - OPERATING, LP	282505
1602 W. Main St.	Action Number:
Artesia, NM 88210	473726
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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

CONDITIONS

Action 473726

CONDITIONS

Operator:	OGRID:
HOLLY ENERGY PARTNERS - OPERATING, LP	282505
1602 W. Main St.	Action Number:
Artesia, NM 88210	473726
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Create By	d Condition	Condition Date
nvel	z None	7/31/2025