

Incident ID	nRM2031144413
District RP	
Facility ID	
Application ID	

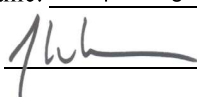
Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Joseph Vargo Title: Director of Regulatory Affairs
Signature:  Date: 03/15/2022
email: Joseph.Vargo@nglep.com Telephone: (303) 815-1010

OCD Only

Received by: Chad Hensley Date: 04/06/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 04/06/2022
Printed Name: Chad Hensley Title: Environmental Specialist Advanced



SITE INFORMATION

**Revised Closure Report
Vaca Draw SWD #1
Lea County, New Mexico
Unit P Sec 21 T25S R33E
32.271065°, -103.742643°**

**Produced Water Release
Point of Release: Underground Pipeline Failure
Release Date: 10/27/2020
Volume Released: 350 barrels of Produced Water
Volume Recovered: 300 barrels of Produced Water**

CARMONA RESOURCES



**Prepared for:
NGL Energy Partners, LLC
865 North Albion Street
Denver, CO 80220**

**Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
Midland, Texas 79701**

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992



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March 14, 2022

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Sante Fe, NM 87505

**Re: Revised Closure Report
Vaca Draw SWD #1
NGL Water Solutions Permian, LLC
Site Location: Unit P, S21, T25S, R33E
(Lat 32.110844°, Long -103.570967°)
Lea County, New Mexico**

To whom it may concern:

On behalf of NGL Energy Partners (NGL), Carmona Resources, LLC has prepared this letter to document site and remediation activities for Vaca Draw SWD #1. The site is located at 32.110844°, -103.570967° within Unit P, S21, T25S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on October 27, 2020. It resulted in the release of approximately three hundred and fifty (350) barrels of produced water, and three hundred (300) barrels of produced water were recovered. The impacted area measured approximately 130' x 100', as shown on Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.97 miles West of the site in S20, T25S, R33E. The well has a reported depth to groundwater of 204.36 feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.



- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg

4.0 Site Assessment Activities

On October 4, 2021, a third-part consultant was on-site to define the release horizontally and vertically. A total of four sample points (S-1 through S-4) and five (5) horizontal sample points were installed to total depths ranging from surface to 2-2.5 ft below the surface. The soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain of custody protocol to Pace Laboratories and picked up in Midland, Texas, for chemical analysis. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015 modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports containing analytical methods, results, and chain-of-custody documents are attached in Appendix E. The analytical results are provided in Table 1. The sample locations are shown in Figure 3.

Further Assessment

On February 15, 2022, Carmona Resources was onsite to vertically define the release for the areas of S1, S2, and S3, and the extent of H-5. A total of four (4) samples points (S-3A, S-3B, S-3C, and S-3D) were installed to total depths of 3.0' and 4.0' below the surface and one (1) horizontal (H-5) to a depth of surface to 0.5' below the surface. We wanted to show the soils were not impacted at a deeper depth. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

The results of the sampling are summarized in Table 3. See Figure 3 for the sample locations.

5.0 Remediation Activities

Third-party consultant personnel were onsite from January 10, 2021, through January 12, 2021, to supervise the remediation activities and collect confirmation samples.

A total of fifty-nine (59) confirmation samples were collected (CS-1 through CS-59), and twenty-one (21) sidewall samples (SW-1 through SW-21) were collected every 200 square feet to ensure proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in



Appendix E. The results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

All the final confirmation samples were below the 19.15.29.12 NMAC criteria. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 980 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and NGL formally requests closure of the spill. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,
Carmona Resources, LLC

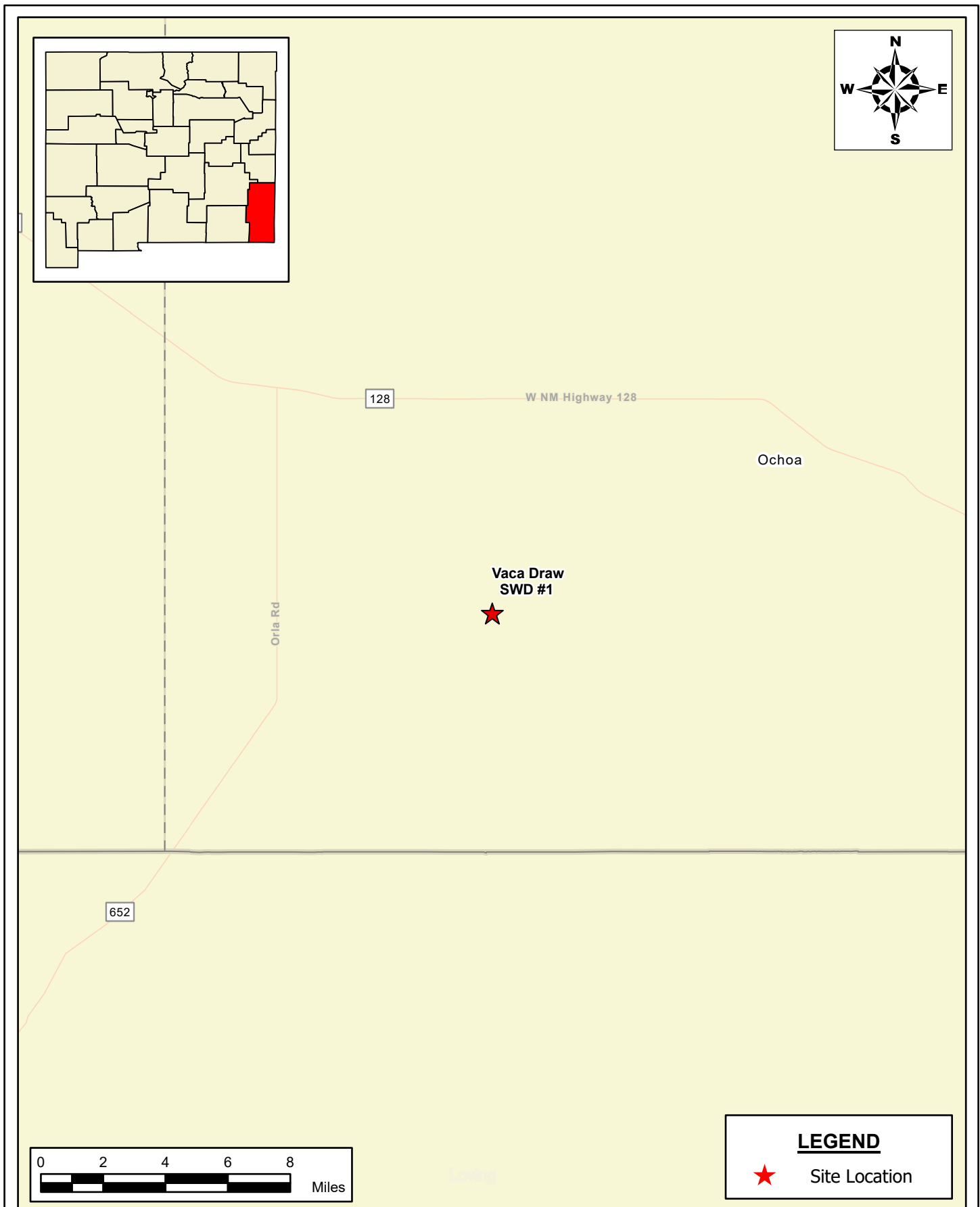
Mike Carmona
Environmental Manager

Conner Moehring
Environmental Manager

FIGURES

CARMONA RESOURCES



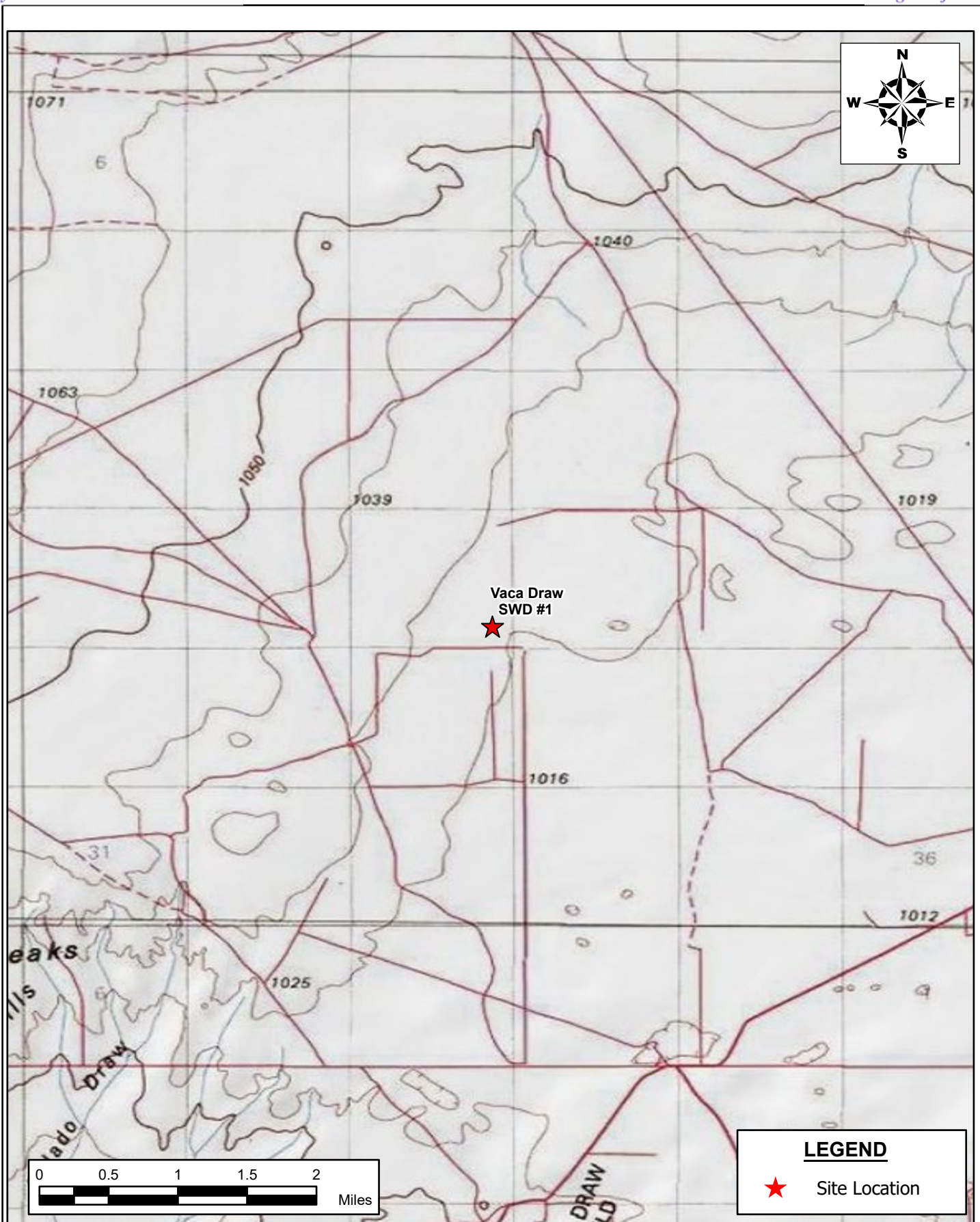


SITE LOCATION MAP NGL ENERGY PARTNERS VACA DRAW SWD #1 LEA COUNTY, NEW MEXICO 32.110844, -103.570967		
SCALE: As Shown	Date: 12/21/2021	

CARMONA RESOURCES  Carmona Resources 310 West Wall Street, Suite 415 Midland, TX 79701

NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER: FIGURE 1
SHEET NUMBER: 1 of 1



AREA MAP
NGL ENERGY PARTNERS
 VACA DRAW SWD #1
 LEA COUNTY, NEW MEXICO
 32.110844, -103.570967

SCALE: As Shown

Date: 12/21/2021

CARMONA RESOURCES



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, TX 79701

NOTES:

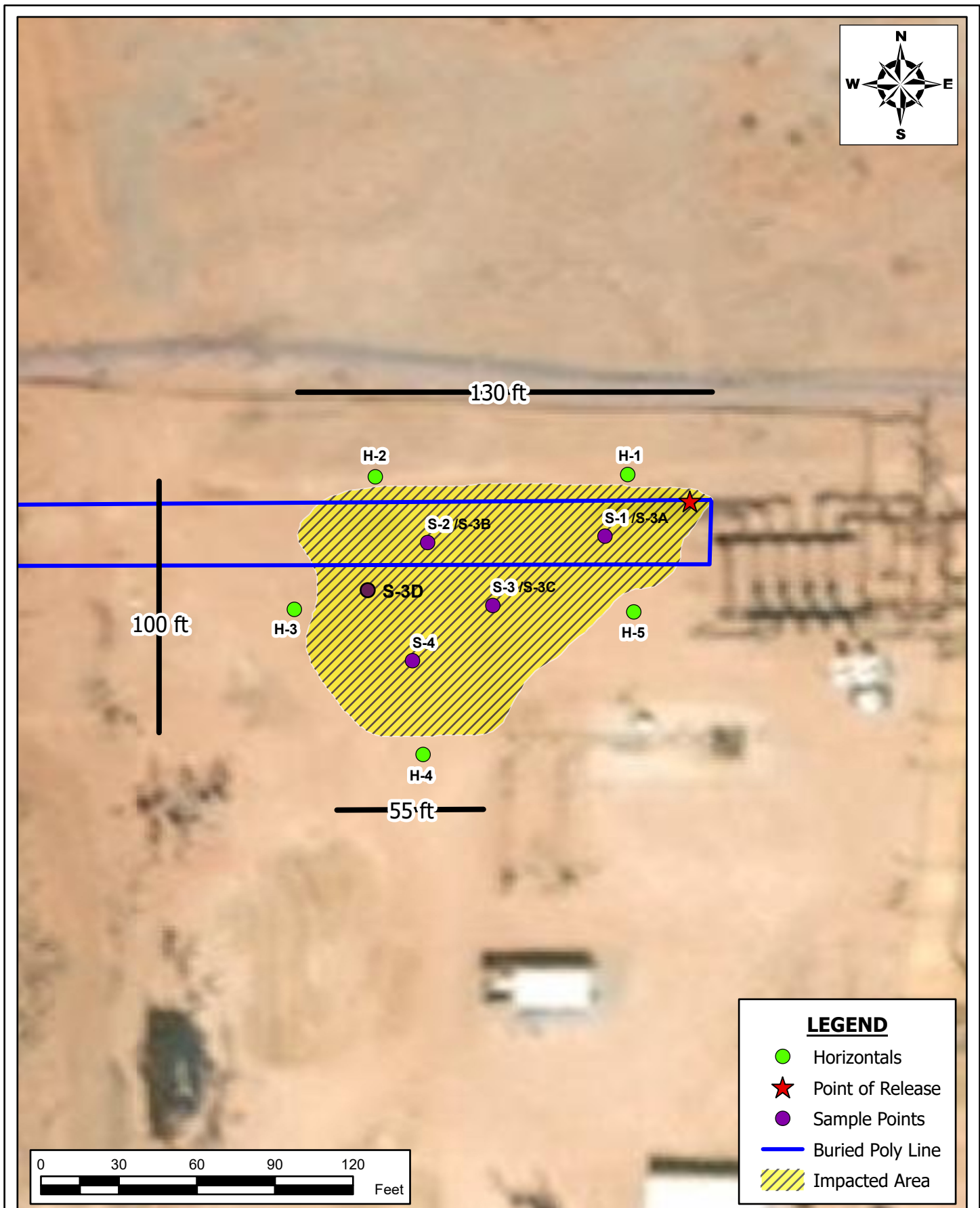
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



SAMPLE LOCATION MAP
NGL ENERGY PARTNERS
 VACA DRAW SWD #1
 LEA COUNTY, NEW MEXICO
 32.110844, -103.570967

SCALE: As Shown

Date: 12/21/2021

CARMONA RESOURCES



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, TX 79701

NOTES:

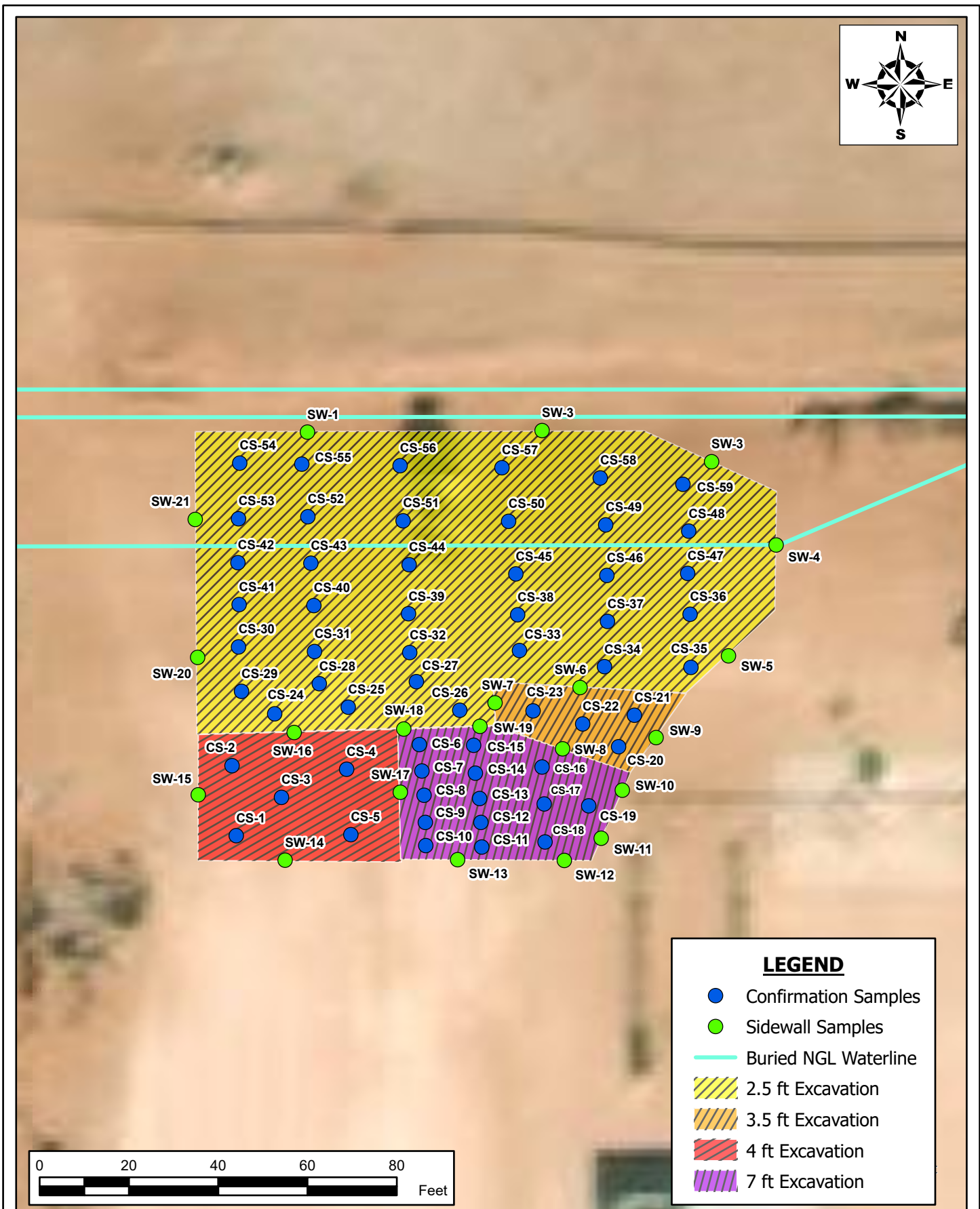
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



EXCAVATION DEPTH MAP
NGL ENERGY PARTNERS
 VACA DRAW SWD #1
 LEA COUNTY, NEW MEXICO
 32.110844, -103.570967

SCALE: As Shown

Date: 1/13/2022



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, TX 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

APPENDIX A

CARMONA RESOURCES



Table 1
NGL Energy Partners
Vaca Draw SWD #1
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
S-1	10/4/2021	0-1	5.67	0.055500	9.5	15.23	0.000923	0.00206	ND	0.001270	0.004253	544
	"	1-1.5	4.77	0.080300	4.54	9.39	0.001950	0.003040	ND	0.001840	0.006830	943
	"	2-2.5	12.4	0.056100	85.3	97.76	0.001830	0.002690	ND	0.001870	0.006390	919
S-2	10/4/2021	0-1	9.74	0.071300	16.3	26.11	0.001150	0.001810	0.000417	0.00154	0.004917	2,050
	"	1-1.5	9.36	0.038300	15.0	24.40	0.000684	0.001070	0.000264	0.00104	0.003058	3,170
S-3	10/4/2021	0-1	3.38	ND	14.1	17.48	ND	0.000466	0.000154	ND	0.000620	799
	"	1-1.5	3.5	ND	10.8	14.3	ND	0.000572	0.000241	ND	0.000813	2,050
	"	2-2.5	2.75	ND	7.21	9.96	ND	ND	ND	0.000595	0.000595	1,550
S-4	10/4/2021	0-1	132	ND	101	233	ND	ND	ND	ND	ND	20,200
H-1	10/4/2021	0-0.5	6.53	0.111000	14.5	21.14	0.002130	0.003290	ND	0.002130	0.007550	56.0
H-2	10/4/2021	0-0.5	ND	0.032300	1.67	1.70	0.000991	0.001420	ND	0.001020	0.004451	35.8
H-3	10/4/2021	0-0.5	12.6	0.052800	23.3	35.95	0.001100	0.002110	ND	0.001280	0.004490	27.2
H-4	10/4/2021	0-0.5	ND	ND	2.00	2.00	ND	0.000622	ND	ND	0.000622	38.5
H-5	10/4/2021	0-0.5	ND	ND	0.637	0.637	ND	ND	ND	ND	ND	741
Regulatory Limits ^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

 - Excavated

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

ND - Non Detect

Table 2
NGL Energy Partners
Vaca Draw SWD #1
Lea County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	1/12/2022	(4')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<4.98
CS-2	1/12/2022	(4')	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<5.00
CS-3	1/12/2022	(4')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.95
CS-4	1/12/2022	(4')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
CS-5	1/12/2022	(4')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.99
CS-6	1/12/2022	(7')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.98
CS-7	1/12/2022	(7')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
CS-8	1/12/2022	(7')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.05
CS-9	1/12/2022	(7')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.02
CS-10	1/12/2022	(7')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
CS-11	1/12/2022	(7')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.99
CS-12	1/12/2022	(7')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.99
CS-13	1/12/2022	(7')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.97
CS-14	1/12/2022	(7')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.03
CS-15	1/12/2022	(7')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
CS-16	1/12/2022	(7')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.00
CS-17	1/12/2022	(7')	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10.4
CS-18	1/12/2022	(7')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.95
CS-19	1/12/2022	(7')	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<4.98
CS-20	1/12/2022	(3.5')	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.04
CS-21	1/12/2022	(3.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.99
CS-22	1/12/2022	(3.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.95
CS-23	1/12/2022	(3.5')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
CS-24	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.97
CS-25	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.95
CS-26	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
CS-27	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<4.98
CS-28	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.02
CS-29	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.03
CS-30	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
CS-31	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
CS-32	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.01
CS-33	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.97

Table 2
NGL Energy Partners
Vaca Draw SWD #1
Lea County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-34	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.95
CS-35	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.00
CS-36	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
CS-37	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.99
CS-38	1/12/2022	(2.5')	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.02
CS-39	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.98
CS-40	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
CS-41	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	10.9
CS-42	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.01
CS-43	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
CS-44	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<4.97
CS-45	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.99
CS-46	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
CS-47	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.97
CS-48	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	5.37
CS-49	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5.53
CS-50	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.00
CS-51	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.00
CS-52	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<4.98
CS-53	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.97
CS-54	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.96
CS-55	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.99
CS-56	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.97
CS-57	1/12/2022	(2.5')	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.00
CS-58	1/12/2022	(2.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.00
CS-59	1/12/2022	(2.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.04

Table 2
NGL Energy Partners
Vaca Draw SWD #1
Lea County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	1/12/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
SW-2	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.04
SW-3	1/12/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6.36
SW-4	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<4.99
SW-5	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.27
SW-6	1/12/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.85
SW-7	1/12/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	14.9
SW-8	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
SW-9	1/12/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.98
SW-10	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6.80
SW-11	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<4.95
SW-12	1/12/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.95
SW-13	1/12/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.50
SW-14	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5.80
SW-15	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<5.00
SW-16	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.00
SW-17	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<4.95
SW-18	1/12/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<5.01
SW-19	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.97
SW-20	1/12/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.72
SW-21	1/12/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<4.95
Regulatory Limits ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

Table 3
NGL Energy Partners
Vaca Draw SWD #1
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-3A	2/15/2022	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	11.1
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.73
S-3B	2/15/2022	3	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	6.82
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	6.85
S-3C	2/15/2022	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6.03
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8.48
S-3D	2/15/2022	3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.9
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.34
H-5	2/15/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8.07
Regulatory Criteria ^A			100 mg/kg				10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(H) Horizontal

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

NGL Energy Partners

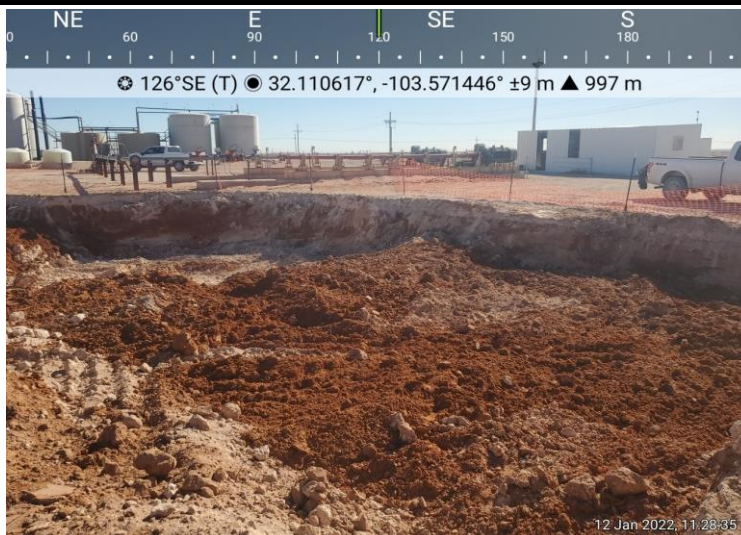
Photograph No. 1

Facility: Vaca Draw SWD #1

County: Lea County, New Mexico

Description:

View Southeast, area of confirmation samples (1-5).



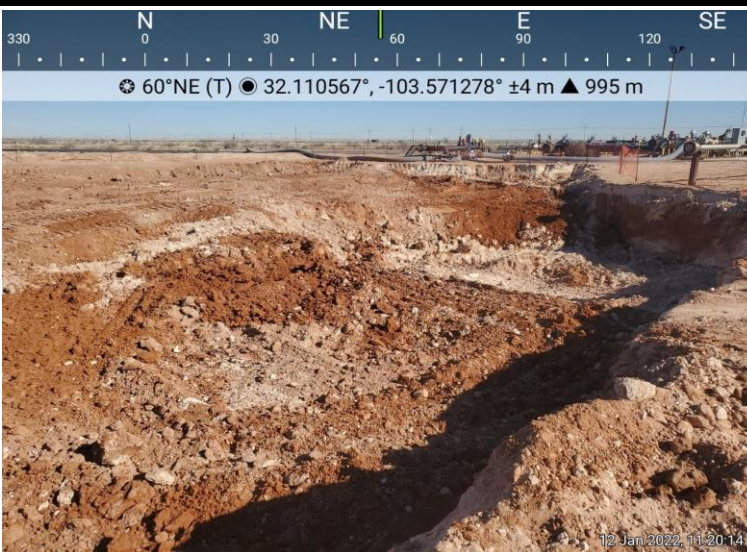
Photograph No. 2

Facility: Vaca Draw SWD #1

County: Lea County, New Mexico

Description:

View Northeast, area of confirmation samples (6-23).



Photograph No. 3

Facility: Vaca Draw SWD #1

County: Lea County, New Mexico

Description:

View Southwest, area of confirmation samples (24-59).



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 4

Facility: Vaca Draw SWD #1

County: Lea County, New Mexico

Description:

View East, area of sample points S-3A and S-3B.



Photograph No. 5

Facility: Vaca Draw SWD #1

County: Lea County, New Mexico

Description:

View Northeast, area of sample points S-3C and S-3D.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nRM2031144413
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party-NGL Water Solutions LLC.	OGRID-372338
Contact Name -Riley Neatherlin	Contact Telephone (575)706-7288
Contact email- Riley@mesquiteswd.net	Incident # (assigned by OCD)
Contact mailing address- 3773 Cherry Creek N Dr Suite 1000 Denver CO, 80209	

Location of Release Source

Latitude 32.110713° Longitude -103.570870°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name-Vaca Draw SWD #1	Site Type-Salt Water Disposal
Date Release Discovered-10-27-2020	API# (if applicable) 30-025-23895

Unit Letter	Section	Township	Range	County
P	21	25S	33E	LEA

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) APROX. 350	Volume Recovered (bbls) 300
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release- Underground pipeline failure.

Incident ID	nRM2031144413
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The release was more than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes notice was given. By, Riley Neatherlin, To Gary Robinson at the Lea Co Office by phone, and to Jim Griswold via email.	

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. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Riley B Neatherlin</u>	Title: <u>Consultant</u>
Signature: <u>[Signature]</u>	Date: <u>10/29/2020</u>
email: <u>Riley@Mesquite.sud.net</u>	Telephone: <u>(575) 706-7288</u>
<u>OCD Only</u> Received by: _____ Date: _____	

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

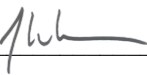
State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: _____ Title: _____

Signature:  _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

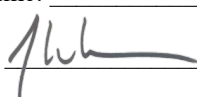
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: _____ Title: _____

Signature:  _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Received by OCD: 3/13/2022 9:06:38 AM

Sent: Monday, February 7, 2022 10:16 AM

To: Joe Vargo <Joseph.Vargo@nglep.com>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 72797

To whom it may concern (c/o Joseph Vargo for NGL WATER SOLUTIONS PERMIAN, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nRM2031144413, for the following reasons:

- **Vertical delineation submitted was incomplete and did not meet the requirements of 19.15.29.11 NMAC. Grab samples did not find the edge of the release. Composite samples did not exceed the sampling of grab samples still over the limit.**
- **Closure report due 05/06/2022.**
- **C-141 page 6 not signed.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 72797.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,

Chad Hensley

Environmental Science & Specialist

575-703-1723

Chad.Hensley@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

APPENDIX D

CARMONA RESOURCES

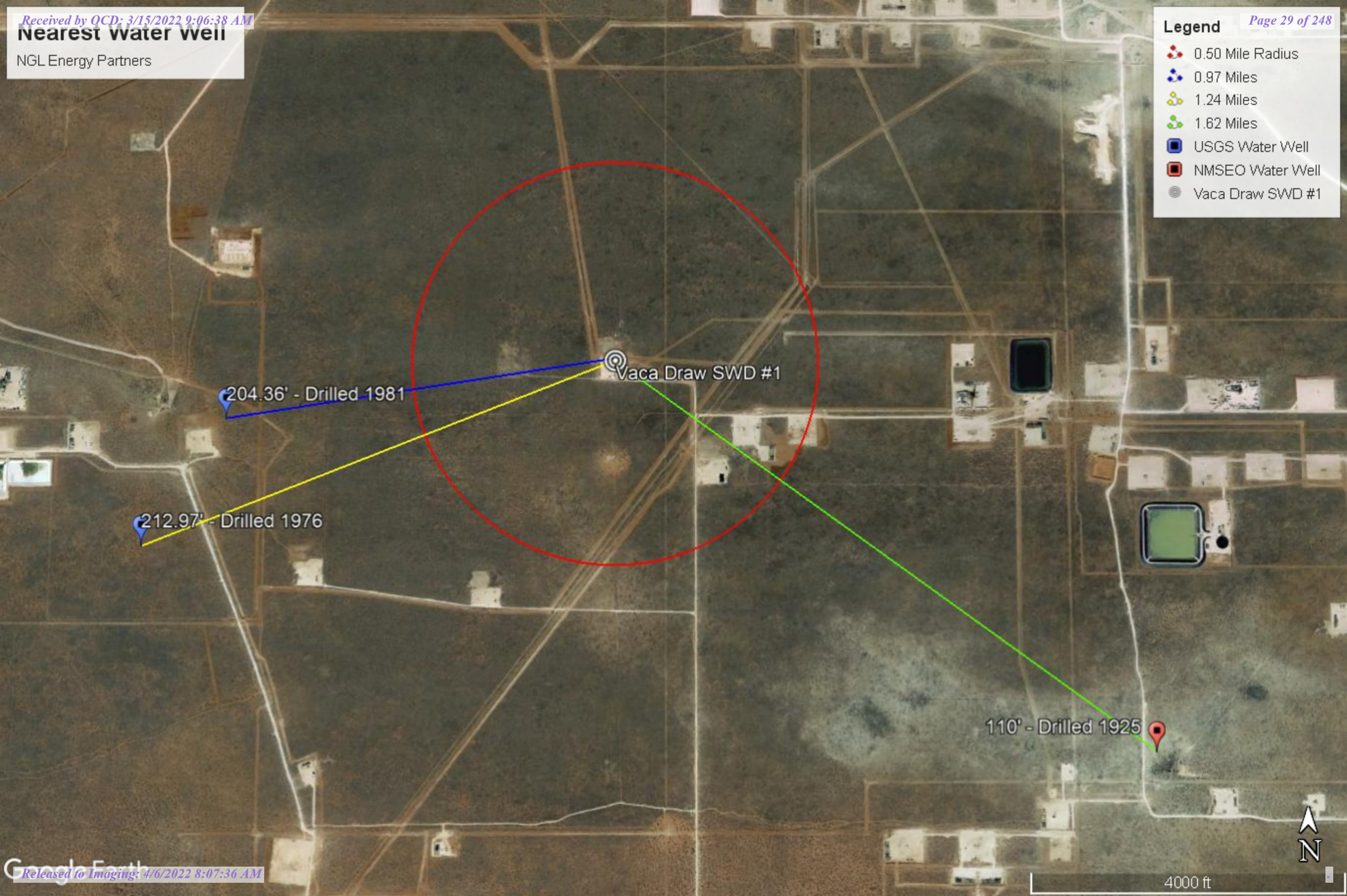


Nearest water well

NGL Energy Partners

Legend

- 0.50 Mile Radius
- 0.97 Miles
- 1.24 Miles
- 1.62 Miles
- USGS Water Well
- NMSEO Water Well
- Vaca Draw SWD #1



Low Karst

NGL Energy Partners

Legend

- LOW
- Vaca Draw SWD #1

Vaca Draw SWD #1





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02312		CUB	LE	1	2	1	05	25S	33E	632292	3559772	150	90	60
C 02313		CUB	LE	2	3	3	26	25S	33E	636971	3552098*	150	110	40
C 02373 CLW317846	O	CUB	LE	2	1	1	13	25S	33E	638518	3556544*	625	185	440
C 02373 S		CUB	LE	1	2	1	13	25S	33E	638721	3556549*	625	185	440
C 04537 POD1	C	LE		4	4	4	31	25S	33E	631847	3550243	500	280	220

Average Depth to Water: **170 feet**

Minimum Depth: **90 feet**

Maximum Depth: **280 feet**

Record Count: 5

PLSS Search:

Township: 25S

Range: 33E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/21/21 4:54 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hide News Bulletins

- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320631103351401

Minimum number of levels = 1
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USGS 320631103351401 25S.33E.20.443313

Lea County, New Mexico
Latitude 32°06'31", Longitude 103°35'14" NAD27
Land-surface elevation 3,398 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1981-03-25			D	62610	3192.01	NGVD29	1		Z	
1981-03-25			D	62611	3193.64	NAVD88	1		Z	
1981-03-25			D	72019	204.36		1		Z	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static

Section	Code	Description
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



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0.28 0.25 nadww02



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USGS Water Resources

Data Category:
Groundwater

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Groundwater levels for New Mexico

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Agency code = usgs
site_no list =

- 320615103352601

Minimum number of levels = 1
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USGS 320615103352601 25S.33E.20.443331

Lea County, New Mexico
Latitude 32°06'15", Longitude 103°35'26" NAD27
Land-surface elevation 3,404 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1970-12-08			D	62610	3189.60	NGVD29	1		Z	
1970-12-08			D	62611	3191.23	NAVD88	1		Z	
1970-12-08			D	72019	212.77		1		Z	
1976-01-08			D	62610	3189.40	NGVD29	1		Z	
1976-01-08			D	62611	3191.03	NAVD88	1		Z	
1976-01-08			D	72019	212.97		1		Z	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface

Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2021-09-21 19:19:15 EDT

0.28 0.25 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)						X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng		
	C 02313	2	3	3	26	25S	33E	636971	3552098*
Driller License:		Driller Company:							
Driller Name:		UNKNOWN							
Drill Start Date:		01/01/1925		Drill Finish Date:		06/30/1925		Plug Date:	
Log File Date:				PCW Rev Date:				Source:	
Pump Type:				Pipe Discharge Size:				Estimated Yield: 60 GPM	
Casing Size:		6.88		Depth Well:		150 feet		Depth Water: 110 feet	

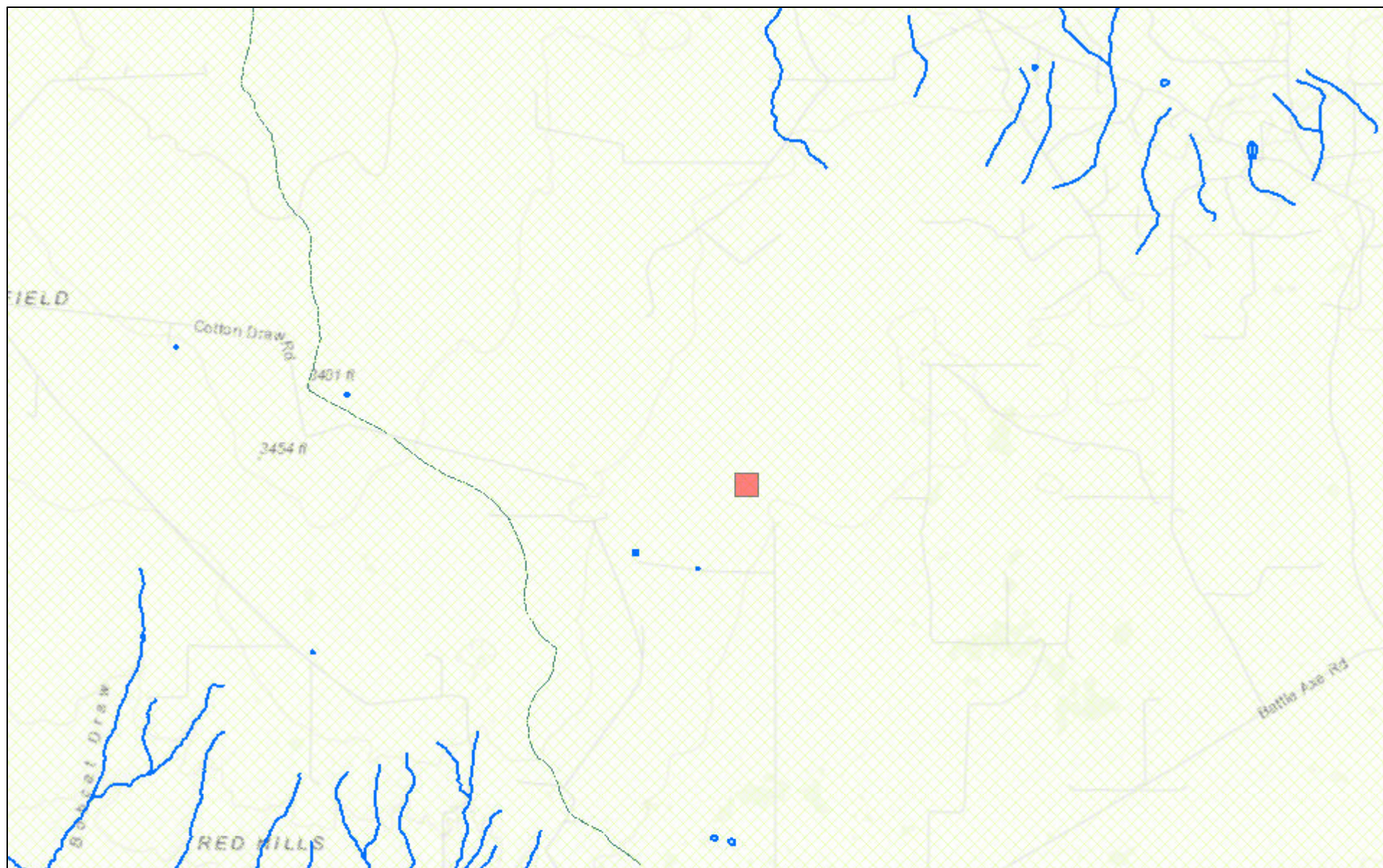
*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

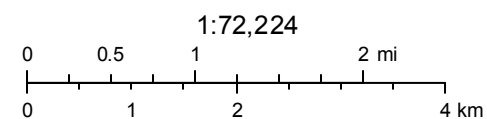
9/21/21 5:21 PM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



September 21, 2021



FEMA
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,

APPENDIX E

CARMONA RESOURCES





ANALYTICAL REPORT

October 22, 2021

NGL Water Solutions, LLC - Denver, CO

Sample Delivery Group: L1414286
Samples Received: 10/06/2021
Project Number: 214693
Description: Vaca Draw SWD #1
Site: LEA CO, NM
Report To: Joseph Vargo
865 North Albion Street
Suite 400
Denver, CO 80220

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:

Ayisha Raza
Project Manager

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

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

S-1 (0-1') L1414286-01 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754692	1	10/11/21 14:15	10/11/21 14:21	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755141	1	10/11/21 17:35	10/12/21 05:13	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1756779	1	10/07/21 18:45	10/14/21 15:31	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757172	1	10/15/21 19:21	10/16/21 11:52	JN	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

S-1 (1-1.5') L1414286-02 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754692	1	10/11/21 14:15	10/11/21 14:21	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755141	1	10/11/21 17:35	10/12/21 05:23	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1756779	1	10/07/21 18:45	10/14/21 15:53	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757172	1	10/15/21 19:21	10/16/21 12:05	JN	Mt. Juliet, TN

S-1 (2-2.5') L1414286-03 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754692	1	10/11/21 14:15	10/11/21 14:21	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755141	5	10/11/21 17:35	10/12/21 06:20	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1756779	1	10/07/21 18:45	10/14/21 16:14	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757172	1	10/15/21 19:21	10/16/21 12:19	JN	Mt. Juliet, TN

S-2 (0-1') L1414286-04 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754692	1	10/11/21 14:15	10/11/21 14:21	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755141	5	10/11/21 17:35	10/12/21 06:48	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1757016	1	10/07/21 18:45	10/17/21 05:01	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757172	1	10/15/21 19:21	10/16/21 12:33	JN	Mt. Juliet, TN

S-2 (1-1.5') L1414286-05 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754692	1	10/11/21 14:15	10/11/21 14:21	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755141	10	10/11/21 17:35	10/12/21 06:58	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1757016	1	10/07/21 18:45	10/17/21 05:25	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757172	1	10/15/21 19:21	10/16/21 12:46	JN	Mt. Juliet, TN

S-3 (0-1') L1414286-06 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754695	1	10/11/21 14:02	10/11/21 14:08	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755141	1	10/11/21 17:35	10/12/21 07:07	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1757016	1	10/07/21 18:45	10/17/21 05:48	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757172	1	10/15/21 19:21	10/16/21 13:00	JN	Mt. Juliet, TN

S-3 (1-1.5') L1414286-07 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754695	1	10/11/21 14:02	10/11/21 14:08	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755141	10	10/11/21 17:35	10/12/21 07:17	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1757016	1	10/07/21 18:45	10/17/21 06:12	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757172	1	10/15/21 19:21	10/16/21 13:13	JN	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

S-3 (2-2.5') L1414286-08 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754695	1	10/11/21 14:02	10/11/21 14:08	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755141	10	10/11/21 17:35	10/12/21 07:26	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1757570	1	10/07/21 18:45	10/15/21 06:56	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757910	1	10/14/21 22:41	10/15/21 21:34	WCR	Mt. Juliet, TN

S-4 (0-1') L1414286-09 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754695	1	10/11/21 14:02	10/11/21 14:08	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755141	100	10/11/21 17:35	10/12/21 07:36	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1757570	1	10/07/21 18:45	10/15/21 07:18	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757910	1	10/14/21 22:41	10/15/21 21:48	WCR	Mt. Juliet, TN

H-1 (0-0.5') L1414286-10 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754695	1	10/11/21 14:02	10/11/21 14:08	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755141	1	10/11/21 17:35	10/12/21 07:45	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1757570	1	10/07/21 18:45	10/15/21 07:39	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757174	1	10/14/21 16:28	10/15/21 07:53	TJD	Mt. Juliet, TN

H-2 (0-0.5') L1414286-11 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754695	1	10/11/21 14:02	10/11/21 14:08	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755548	1	10/12/21 21:03	10/13/21 00:03	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1757570	1	10/07/21 18:45	10/15/21 08:01	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757174	1	10/14/21 16:28	10/15/21 03:58	TJD	Mt. Juliet, TN

H-3 (0-0.5') L1414286-12 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754695	1	10/11/21 14:02	10/11/21 14:08	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755548	1	10/12/21 21:03	10/13/21 00:12	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1757570	1	10/07/21 18:45	10/15/21 08:23	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757174	1	10/14/21 16:28	10/15/21 04:11	TJD	Mt. Juliet, TN

H-4 (0-0.5') L1414286-13 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754695	1	10/11/21 14:02	10/11/21 14:08	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755548	1	10/12/21 21:03	10/13/21 00:31	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1757570	1	10/07/21 18:45	10/15/21 08:44	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757174	1	10/14/21 16:28	10/15/21 04:24	TJD	Mt. Juliet, TN

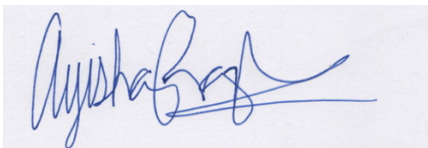
¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

H-5 (0-0.5') L1414286-14 Solid

Collected by
CRMCollected date/time
10/04/21 00:00Received date/time
10/06/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1754695	1	10/11/21 14:02	10/11/21 14:08	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1755548	1	10/12/21 21:03	10/13/21 00:40	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1757570	1	10/07/21 18:45	10/15/21 09:06	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG1757174	1	10/14/21 16:28	10/15/21 04:37	TJD	Mt. Juliet, TN

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



Ayisha Raza
Project Manager

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.2		1	10/11/2021 14:21	WG1754692

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	544		9.98	21.7	1	10/12/2021 05:13	WG1755141

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000923		0.000130	0.000542	1	10/14/2021 15:31	WG1756779
Toluene	0.00206	J	0.000163	0.00542	1	10/14/2021 15:31	WG1756779
Ethylbenzene	U		0.000119	0.000542	1	10/14/2021 15:31	WG1756779
Total Xylene	0.00127	J	0.000499	0.00163	1	10/14/2021 15:31	WG1756779
TPH (GC/FID) Low Fraction	0.0555	J	0.0235	0.108	1	10/14/2021 15:31	WG1756779
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		10/14/2021 15:31	WG1756779
(S) a,a,a-Trifluorotoluene(PID)	104			72.0-128		10/14/2021 15:31	WG1756779

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	5.67		1.75	4.34	1	10/16/2021 11:52	WG1757172
C28-C36 Motor Oil Range	9.50		0.297	4.34	1	10/16/2021 11:52	WG1757172
(S) o-Terphenyl	54.3			18.0-148		10/16/2021 11:52	WG1757172

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.2		1	10/11/2021 14:21	WG1754692

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	943	J5	9.98	21.7	1	10/12/2021 05:23	WG1755141

5 Sr

6 Qc

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00195		0.000130	0.000542	1	10/14/2021 15:53	WG1756779
Toluene	0.00304	J	0.000163	0.00542	1	10/14/2021 15:53	WG1756779
Ethylbenzene	U		0.000119	0.000542	1	10/14/2021 15:53	WG1756779
Total Xylene	0.00184		0.000499	0.00163	1	10/14/2021 15:53	WG1756779
TPH (GC/FID) Low Fraction	0.0803	J	0.0235	0.108	1	10/14/2021 15:53	WG1756779
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		10/14/2021 15:53	WG1756779
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		10/14/2021 15:53	WG1756779

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4.77		1.75	4.34	1	10/16/2021 12:05	WG1757172
C28-C36 Motor Oil Range	4.54		0.297	4.34	1	10/16/2021 12:05	WG1757172
(S) o-Terphenyl	52.6			18.0-148		10/16/2021 12:05	WG1757172

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.4		1	10/11/2021 14:21	WG1754692

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	919		50.3	109	5	10/12/2021 06:20	WG1755141

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.00183		0.000131	0.000547	1	10/14/2021 16:14	WG1756779
Toluene	0.00269	J	0.000164	0.00547	1	10/14/2021 16:14	WG1756779
Ethylbenzene	U		0.000120	0.000547	1	10/14/2021 16:14	WG1756779
Total Xylene	0.00187		0.000503	0.00164	1	10/14/2021 16:14	WG1756779
TPH (GC/FID) Low Fraction	0.0561	J	0.0237	0.109	1	10/14/2021 16:14	WG1756779
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		10/14/2021 16:14	WG1756779
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		10/14/2021 16:14	WG1756779

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	12.4		1.76	4.37	1	10/16/2021 12:19	WG1757172
C28-C36 Motor Oil Range	85.3		0.300	4.37	1	10/16/2021 12:19	WG1757172
(S) o-Terphenyl	42.9			18.0-148		10/16/2021 12:19	WG1757172

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.1		1	10/11/2021 14:21	WG1754692

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	2050		48.4	105	5	10/12/2021 06:48	WG1755141

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.00115		0.000126	0.000526	1	10/17/2021 05:01	WG1757016
Toluene	0.00181	B J	0.000158	0.00526	1	10/17/2021 05:01	WG1757016
Ethylbenzene	0.000417	J	0.000116	0.000526	1	10/17/2021 05:01	WG1757016
Total Xylene	0.00154	J	0.000484	0.00158	1	10/17/2021 05:01	WG1757016
TPH (GC/FID) Low Fraction	0.0713	J	0.0228	0.105	1	10/17/2021 05:01	WG1757016
(S) a,a,a-Trifluorotoluene(FID)	98.2			77.0-120		10/17/2021 05:01	WG1757016
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		10/17/2021 05:01	WG1757016

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	9.74		1.69	4.21	1	10/16/2021 12:33	WG1757172
C28-C36 Motor Oil Range	16.3		0.288	4.21	1	10/16/2021 12:33	WG1757172
(S) o-Terphenyl	53.0			18.0-148		10/16/2021 12:33	WG1757172

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.5		1	10/11/2021 14:21	WG1754692

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	3170		96.3	209	10	10/12/2021 06:58	WG1755141

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000684		0.000126	0.000523	1	10/17/2021 05:25	WG1757016
Toluene	0.00107	B J	0.000157	0.00523	1	10/17/2021 05:25	WG1757016
Ethylbenzene	0.000264	J	0.000115	0.000523	1	10/17/2021 05:25	WG1757016
Total Xylene	0.00104	J	0.000481	0.00157	1	10/17/2021 05:25	WG1757016
TPH (GC/FID) Low Fraction	0.0383	J	0.0227	0.105	1	10/17/2021 05:25	WG1757016
(S) a,a,a-Trifluorotoluene(FID)	99.3			77.0-120		10/17/2021 05:25	WG1757016
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		10/17/2021 05:25	WG1757016

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	9.36		1.69	4.19	1	10/16/2021 12:46	WG1757172
C28-C36 Motor Oil Range	15.0		0.287	4.19	1	10/16/2021 12:46	WG1757172
(S) o-Terphenyl	39.1			18.0-148		10/16/2021 12:46	WG1757172

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.8		1	10/11/2021 14:08	WG1754695

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	799		10.0	21.8	1	10/12/2021 07:07	WG1755141

5 Sr

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000131	0.000545	1	10/17/2021 05:48	WG1757016
Toluene	0.000466	B J	0.000163	0.00545	1	10/17/2021 05:48	WG1757016
Ethylbenzene	0.000154	J	0.000120	0.000545	1	10/17/2021 05:48	WG1757016
Total Xylene	U		0.000501	0.00163	1	10/17/2021 05:48	WG1757016
TPH (GC/FID) Low Fraction	U		0.0236	0.109	1	10/17/2021 05:48	WG1757016
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		10/17/2021 05:48	WG1757016
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		10/17/2021 05:48	WG1757016

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	3.38	J	1.75	4.36	1	10/16/2021 13:00	WG1757172
C28-C36 Motor Oil Range	14.1		0.298	4.36	1	10/16/2021 13:00	WG1757172
(S) o-Terphenyl	38.1			18.0-148		10/16/2021 13:00	WG1757172

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.6		1	10/11/2021 14:08	WG1754695

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	2050		102	221	10	10/12/2021 07:17	WG1755141

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000132	0.000552	1	10/17/2021 06:12	WG1757016
Toluene	0.000572	B J	0.000166	0.00552	1	10/17/2021 06:12	WG1757016
Ethylbenzene	0.000241	J	0.000121	0.000552	1	10/17/2021 06:12	WG1757016
Total Xylene	U		0.000508	0.00166	1	10/17/2021 06:12	WG1757016
TPH (GC/FID) Low Fraction	U		0.0239	0.110	1	10/17/2021 06:12	WG1757016
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		10/17/2021 06:12	WG1757016
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		10/17/2021 06:12	WG1757016

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	3.50	J J3 J6	1.78	4.41	1	10/16/2021 13:13	WG1757172
C28-C36 Motor Oil Range	10.8		0.302	4.41	1	10/16/2021 13:13	WG1757172
(S) o-Terphenyl	46.9			18.0-148		10/16/2021 13:13	WG1757172

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.6		1	10/11/2021 14:08	WG1754695

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1550		100	218	10	10/12/2021 07:26	WG1755141

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000131	0.000546	1	10/15/2021 06:56	WG1757570
Toluene	U		0.000164	0.00546	1	10/15/2021 06:56	WG1757570
Ethylbenzene	U		0.000120	0.000546	1	10/15/2021 06:56	WG1757570
Total Xylene	0.000595	<u>J</u>	0.000502	0.00164	1	10/15/2021 06:56	WG1757570
TPH (GC/FID) Low Fraction	U		0.0237	0.109	1	10/15/2021 06:56	WG1757570
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		10/15/2021 06:56	WG1757570
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		10/15/2021 06:56	WG1757570

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.75	<u>J</u>	1.76	4.37	1	10/15/2021 21:34	WG1757910
C28-C36 Motor Oil Range	7.21		0.299	4.37	1	10/15/2021 21:34	WG1757910
(S) o-Terphenyl	76.1			18.0-148		10/15/2021 21:34	WG1757910

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.9		1	10/11/2021 14:08	WG1754695

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	mg/kg		mg/kg	mg/kg			
Chloride	20200		939	2040	100	10/12/2021 07:36	WG1755141

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
Benzene	U		0.000123	0.000511	1	10/15/2021 07:18	WG1757570
Toluene	U		0.000153	0.00511	1	10/15/2021 07:18	WG1757570
Ethylbenzene	U		0.000112	0.000511	1	10/15/2021 07:18	WG1757570
Total Xylene	U		0.000470	0.00153	1	10/15/2021 07:18	WG1757570
TPH (GC/FID) Low Fraction	U		0.0222	0.102	1	10/15/2021 07:18	WG1757570
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		10/15/2021 07:18	WG1757570
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		10/15/2021 07:18	WG1757570

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
	mg/kg		mg/kg	mg/kg			
C10-C28 Diesel Range	132		1.64	4.08	1	10/15/2021 21:48	WG1757910
C28-C36 Motor Oil Range	101		0.280	4.08	1	10/15/2021 21:48	WG1757910
(S) o-Terphenyl	73.0			18.0-148		10/15/2021 21:48	WG1757910

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.0		1	10/11/2021 14:08	WG1754695

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	56.0		9.58	20.8	1	10/12/2021 07:45	WG1755141

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00213		0.000125	0.000521	1	10/15/2021 07:39	WG1757570
Toluene	0.00329	J	0.000156	0.00521	1	10/15/2021 07:39	WG1757570
Ethylbenzene	U		0.000115	0.000521	1	10/15/2021 07:39	WG1757570
Total Xylene	0.00213		0.000479	0.00156	1	10/15/2021 07:39	WG1757570
TPH (GC/FID) Low Fraction	0.111		0.0226	0.104	1	10/15/2021 07:39	WG1757570
(S) a,a,a-Trifluorotoluene(FID)	105			77.0-120		10/15/2021 07:39	WG1757570
(S) a,a,a-Trifluorotoluene(PID)	100			72.0-128		10/15/2021 07:39	WG1757570

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	6.53		1.68	4.17	1	10/15/2021 07:53	WG1757174
C28-C36 Motor Oil Range	14.5		0.285	4.17	1	10/15/2021 07:53	WG1757174
(S) o-Terphenyl	44.3			18.0-148		10/15/2021 07:53	WG1757174

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	98.9		1	10/11/2021 14:08	WG1754695

Wet Chemistry by Method 300.0

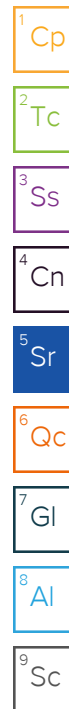
Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	35.8		9.31	20.2	1	10/13/2021 00:03	WG1755548

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.000991		0.000121	0.000506	1	10/15/2021 08:01	WG1757570
Toluene	0.00142	J	0.000152	0.00506	1	10/15/2021 08:01	WG1757570
Ethylbenzene	U		0.000111	0.000506	1	10/15/2021 08:01	WG1757570
Total Xylene	0.00102	J	0.000465	0.00152	1	10/15/2021 08:01	WG1757570
TPH (GC/FID) Low Fraction	0.0323	J	0.0219	0.101	1	10/15/2021 08:01	WG1757570
(S) a,a,a-Trifluorotoluene(FID)	106			77.0-120		10/15/2021 08:01	WG1757570
(S) a,a,a-Trifluorotoluene(PID)	100			72.0-128		10/15/2021 08:01	WG1757570

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.63	4.05	1	10/15/2021 03:58	WG1757174
C28-C36 Motor Oil Range	1.67	J	0.277	4.05	1	10/15/2021 03:58	WG1757174
(S) o-Terphenyl	53.9			18.0-148		10/15/2021 03:58	WG1757174



Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.4		1	10/11/2021 14:08	WG1754695

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	27.2		9.55	20.8	1	10/13/2021 00:12	WG1755548

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00110		0.000125	0.000519	1	10/15/2021 08:23	WG1757570
Toluene	0.00211	J	0.000156	0.00519	1	10/15/2021 08:23	WG1757570
Ethylbenzene	U		0.000114	0.000519	1	10/15/2021 08:23	WG1757570
Total Xylene	0.00128	J	0.000477	0.00156	1	10/15/2021 08:23	WG1757570
TPH (GC/FID) Low Fraction	0.0528	J	0.0225	0.104	1	10/15/2021 08:23	WG1757570
(S) a,a,a-Trifluorotoluene(FID)	107			77.0-120		10/15/2021 08:23	WG1757570
(S) a,a,a-Trifluorotoluene(PID)	101			72.0-128		10/15/2021 08:23	WG1757570

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	12.6		1.67	4.15	1	10/15/2021 04:11	WG1757174
C28-C36 Motor Oil Range	23.3		0.284	4.15	1	10/15/2021 04:11	WG1757174
(S) o-Terphenyl	62.2			18.0-148		10/15/2021 04:11	WG1757174

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.6		1	10/11/2021 14:08	WG1754695

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	38.5		9.83	21.4	1	10/13/2021 00:31	WG1755548

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	U		0.000128	0.000534	1	10/15/2021 08:44	WG1757570
Toluene	0.000622	J	0.000160	0.00534	1	10/15/2021 08:44	WG1757570
Ethylbenzene	U		0.000118	0.000534	1	10/15/2021 08:44	WG1757570
Total Xylene	U		0.000491	0.00160	1	10/15/2021 08:44	WG1757570
TPH (GC/FID) Low Fraction	U		0.0232	0.107	1	10/15/2021 08:44	WG1757570
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		10/15/2021 08:44	WG1757570
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128		10/15/2021 08:44	WG1757570

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.72	4.27	1	10/15/2021 04:24	WG1757174
C28-C36 Motor Oil Range	2.00	J	0.293	4.27	1	10/15/2021 04:24	WG1757174
(S) o-Terphenyl	35.5			18.0-148		10/15/2021 04:24	WG1757174

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 10/04/21 00:00

L1414286

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.7		1	10/11/2021 14:08	WG1754695

Wet Chemistry by Method 300.0

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloride	741		9.61	20.9	1	10/13/2021 00:40	WG1755548

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000125	0.000523	1	10/15/2021 09:06	WG1757570
Toluene	U		0.000157	0.00523	1	10/15/2021 09:06	WG1757570
Ethylbenzene	U		0.000115	0.000523	1	10/15/2021 09:06	WG1757570
Total Xylene	U		0.000481	0.00157	1	10/15/2021 09:06	WG1757570
TPH (GC/FID) Low Fraction	U		0.0227	0.105	1	10/15/2021 09:06	WG1757570
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		10/15/2021 09:06	WG1757570
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128		10/15/2021 09:06	WG1757570

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.68	4.18	1	10/15/2021 04:37	WG1757174
C28-C36 Motor Oil Range	0.637	J	0.286	4.18	1	10/15/2021 04:37	WG1757174
(S) o-Terphenyl	46.6			18.0-148		10/15/2021 04:37	WG1757174

Total Solids by Method 2540 G-2011 [L1414286-01,02,03,04,05](#)

Method Blank (MB)

(MB) R3715137-1 10/11/21 14:21

Analyte	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
	%		%	%
Total Solids	0.000			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1414286-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1414286-01 10/11/21 14:21 • (DUP) R3715137-3 10/11/21 14:21

Analyte	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
	%	%		%		%
Total Solids	92.2	92.9	1	0.709		10

⁷Gl

⁸Al

Laboratory Control Sample (LCS)

(LCS) R3715137-2 10/11/21 14:21

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

⁹Sc

Total Solids by Method 2540 G-2011 [L1414286-06,07,08,09,10,11,12,13,14](#)

Method Blank (MB)

(MB) R3715130-1 10/11/21 14:08

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1414286-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1414286-11 10/11/21 14:08 • (DUP) R3715130-3 10/11/21 14:08

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	98.9	98.8	1	0.0605		10

Laboratory Control Sample (LCS)

(LCS) R3715130-2 10/11/21 14:08

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

⁷Gl

⁸Al

⁹Sc

Wet Chemistry by Method 300.0

[L1414286-01,02,03,04,05,06,07,08,09,10](#)

Method Blank (MB)

(MB) R3715469-1 10/12/21 04:54

Analyte	MB Result mg/kg	<u>MB Qualifier</u>	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1414286-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1414286-02 10/12/21 05:23 • (DUP) R3715469-3 10/12/21 05:32

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	<u>DUP Qualifier</u>	DUP RPD Limits %
Chloride	943	933	1	1.06		20

L1416039-30 Original Sample (OS) • Duplicate (DUP)

(OS) L1416039-30 10/12/21 09:40 • (DUP) R3715469-7 10/12/21 09:49

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	<u>DUP Qualifier</u>	DUP RPD Limits %
Chloride	46.0	45.5	1	1.14		20

Laboratory Control Sample (LCS)

(LCS) R3715469-2 10/12/21 05:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Chloride	200	215	107	90.0-110	

L1414286-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1414286-02 10/12/21 05:23 • (MS) R3715469-4 10/12/21 05:42 • (MSD) R3715469-5 10/12/21 05:51

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Chloride	542	943	1600	1560	121	113	1	80.0-120	<u>E J5</u>	<u>E</u>	2.58	20

Wet Chemistry by Method 300.0

[L1414286-11,12,13,14](#)

Method Blank (MB)

(MB) R3715790-1 10/12/21 23:14

Analyte	MB Result mg/kg	<u>MB Qualifier</u>	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

L1414286-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1414286-12 10/13/21 00:12 • (DUP) R3715790-3 10/13/21 00:21

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	<u>DUP Qualifier</u>	DUP RPD Limits %
Chloride	27.2	23.9	1	12.9		20

L1415012-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1415012-02 10/13/21 04:27 • (DUP) R3715790-7 10/13/21 04:36

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	<u>DUP Qualifier</u>	DUP RPD Limits %
Chloride	1260	1300	5	3.22		20

Laboratory Control Sample (LCS)

(LCS) R3715790-2 10/12/21 23:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Chloride	200	201	100	90.0-110	

L1415012-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1415012-02 10/13/21 03:41 • (MS) R3715790-5 10/13/21 04:07 • (MSD) R3715790-6 10/13/21 04:17

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Chloride	541	1230	1740	1760	95.0	98.4	1	80.0-120	<u>E</u>	<u>E</u>	1.06	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method 8015/8021

[L1414286-01,02,03](#)

Method Blank (MB)

(MB) R3717058-3 10/14/21 08:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS)

(LCS) R3717058-1 10/14/21 06:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0466	93.2	76.0-121	
Toluene	0.0500	0.0471	94.2	80.0-120	
Ethylbenzene	0.0500	0.0467	93.4	80.0-124	
Total Xylene	0.150	0.145	96.7	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			109	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			103	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3717058-2 10/14/21 07:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.04	91.6	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			93.5	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			104	72.0-128	

Volatile Organic Compounds (GC) by Method 8015/8021

L1414286-04,05,06,07

Method Blank (MB)

(MB) R3719856-3 10/17/21 04:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	0.000192	U	0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3719856-1 10/17/21 03:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0536	107	76.0-121	
Toluene	0.0500	0.0514	103	80.0-120	
Ethylbenzene	0.0500	0.0517	103	80.0-124	
Total Xylene	0.150	0.161	107	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			101	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			101	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3719856-2 10/17/21 03:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.08	92.4	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			97.3	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			103	72.0-128	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method 8015/8021

[L1414286-08,09,10,11,12,13,14](#)

Method Blank (MB)

(MB) R3719784-3 10/15/21 06:35

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	102			72.0-128

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3719784-1 10/15/21 05:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	4.21	76.5	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			96.3	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			104	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3719784-2 10/15/21 05:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0452	90.4	76.0-121	
Toluene	0.0500	0.0457	91.4	80.0-120	
Ethylbenzene	0.0500	0.0465	93.0	80.0-124	
Total Xylene	0.150	0.146	97.3	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			109	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			102	72.0-128	

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

L1414286-01,02,03,04,05,06,07

Method Blank (MB)

(MB) R3717447-1 10/16/21 11:25

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	63.4			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3717447-2 10/16/21 11:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	37.8	75.6	50.0-150	
(S) o-Terphenyl			69.8	18.0-148	

L1414286-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1414286-07 10/16/21 13:13 • (MS) R3717447-3 10/16/21 13:27 • (MSD) R3717447-4 10/16/21 13:40

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	54.6	3.50	30.6	23.3	49.6	36.2	1	50.0-150	J6	J3 J6	27.0	20
(S) o-Terphenyl					39.7	29.8		18.0-148				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M [L1414286-10,11,12,13,14](#)

Method Blank (MB)

(MB) R3716875-1 10/15/21 03:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	65.2			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3716875-2 10/15/21 03:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	28.3	56.6	50.0-150	
(S) o-Terphenyl			67.0	18.0-148	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Semi-Volatile Organic Compounds (GC) by Method 8015M [L1414286-08.09](#)

Method Blank (MB)

(MB) R3717374-1 10/15/21 19:18

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	67.9			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3717374-2 10/15/21 19:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	42.7	85.4	50.0-150	
(S) o-Terphenyl			87.5	18.0-148	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

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

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Chain of Custody



Work Order No:

F190

L1414286

Page 1 of 1

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nqlep.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other:

Project Name:		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	214693	☒ Routine ☐ Rush		Pres. Code													None: NO	DI Water: H ₂ O		
Project Location	Lea Co, NM	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO+DRO+MRO)	Chloride 300										Cool: Cool	MeOH: Me		
Sampler's Name:	CRM	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes No														Wet Ice:	Yes No	H ₃ PO ₄ : HP	
Received Intact:	Yes No	Thermometer ID:																	NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃														
Sample Custody Seals:	Yes No N/A	Temperature Reading:				Zn Acetate+NaOH: Zn														
Total Containers:		Corrected Temperature:				NaOH+Ascorbic Acid: SAPC														
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
S-1 (0-1')	10/4/2021		X		G	1	X	X	X								-01			
S-1 (1-1.5')	10/4/2021		X		G	1	X	X	X								-02			
S-1 (2-2.5')	10/4/2021		X		G	1	X	X	X								-03			
S-2 (0-1')	10/4/2021		X		G	1	X	X	X								-04			
S-2 (1-1.5')	10/4/2021		X		G	1	X	X	X								-05			
S-3 (0-1')	10/4/2021		X		G	1	X	X	X								-06			
S-3 (1-1.5')	10/4/2021		X		G	1	X	X	X								-07			
S-3 (2-2.5')	10/4/2021		X		G	1	X	X	X								-08			
S-4 (0-1')	10/4/2021		X		G	1	X	X	X								-09			

10/6

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Mike Carmona</i>	<i>Joe Vargo</i>	10/5/21 14:30	2		
3			4		
5			6	<i>Michael J. H. 10/6/21 0945</i>	

0.4t.1 = 0.5 A7B

Revised Date 05/01/2020 Rev. 2020.1

Chain of Custody



Work Order No: _____

L1414286

Page 1 of 1

Project Manager:	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name:	NTG Environmental	Company Name:	NGL
Address:	701 Tradewinds BLVD	Address:	865 North Albion Street, Suite 400
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Denver, CO 80220
Phone:	432-813-0263	Email:	Joseph.Vargo@nqlep.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other: _____

Project Name:		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	214693	☒ Routine ☐ Rush		Pres. Code													None: NO	DI Water: H ₂ O		
Project Location	Lea Co, NM	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO+DRO+HRO)	Chloride 300										Cool: Cool	MeOH: Me		
Sampler's Name:	CRM	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes No														Wet Ice:	Yes No	H ₃ PO ₄ : HP	
Received Intact:	Yes No	Thermometer ID:																NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes No N/A	Correction Factor:			Na ₂ S ₂ O ₃ : NaSO ₃															
Sample Custody Seals:	Yes No N/A	Temperature Reading:			Zn Acetate+NaOH: Zn															
Total Containers:		Corrected Temperature:			NaOH+Ascorbic Acid: SAPC															
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
H-1 (0-0.5')	10/4/2021		X		G	1	X	X	X								-10			
H-2 (0-0.5')	10/4/2021		X		G	1	X	X	X								-11			
H-3 (0-0.5')	10/4/2021		X		G	1	X	X	X								-12			
H-4 (0-0.5')	10/4/2021		X		G	1	X	X	X								-13			
H-5 (0-0.5')	10/4/2021		X		G	1	X	X	X								-14			
Sample Receipt Checklist COC Seal Present/Intact: ☒ Y ☐ N If Applicable COC Signed/Accurate: ☒ Y ☐ N VOA Zero Headspace: ☒ Y ☐ N Bottles arrive intact: ☒ Y ☐ N Pres. Correct/Check: ☒ Y ☐ N Correct bottles used: ☒ Y ☐ N Sufficient volume sent: ☒ Y ☐ N RAD Screen <0.5 mR/hr: ☒ Y ☐ N																				

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Mike Carmona</i>	<i>Joe Vargo</i>	10/5/21 14:30			



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-10173-1

Laboratory Sample Delivery Group: Lea County NM
Client Project/Site: Vaca Draw SWD #1

For:

NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Mike Carmona

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
1/14/2022 8:19:50 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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

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

Client: NT Global
Project/Site: Vaca Draw SWD #1

Laboratory Job ID: 880-10173-1
SDG: Lea County NM

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Definitions/Glossary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
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, low biased.
S1-	Surrogate recovery exceeds control limits, low 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

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Job ID: 880-10173-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-10173-1

Receipt

The samples were received on 1/13/2022 9:22 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 0.2°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-16732 and 880-16733 and analytical batch 880-16736 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-21 (3.5') (880-10173-21), CS-22 (3.5') (880-10173-22), CS-23 (3.5') (880-10173-23), CS-28 (2.5') (880-10173-28), CS-30 (2.5') (880-10173-30), CS-31 (2.5') (880-10173-31), CS-32 (2.5') (880-10173-32), CS-33 (2.5') (880-10173-33), CS-34 (2.5') (880-10173-34), CS-35 (2.5') (880-10173-35), CS-36 (2.5') (880-10173-36), CS-37 (2.5') (880-10173-37), CS-38 (2.5') (880-10173-38), CS-39 (2.5') (880-10173-39), CS-40 (2.5') (880-10173-40), CS-41 (2.5') (880-10173-41), CS-43 (2.5') (880-10173-43), CS-45 (2.5') (880-10173-45), CS-46 (2.5') (880-10173-46), CS-51 (2.5') (880-10173-51), CS-53 (2.5') (880-10173-53), CS-54 (2.5') (880-10173-54), CS-55 (2.5') (880-10173-55), CS-56 (2.5') (880-10173-56), CS-57 (2.5') (880-10173-57), CS-58 (2.5') (880-10173-58), CS-59 (2.5') (880-10173-59), SW-1 (880-10173-60), (CCV 880-16736/51) and (MB 880-16732/5-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-17 (880-10173-76). 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.

GC Semi VOA

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-16675 and analytical batch 880-16702 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: Surrogate recovery for the following samples were outside control limits: CS-41 (2.5') (880-10173-41), CS-42 (2.5') (880-10173-42), CS-43 (2.5') (880-10173-43), CS-44 (2.5') (880-10173-44), CS-45 (2.5') (880-10173-45), CS-46 (2.5') (880-10173-46), CS-47 (2.5') (880-10173-47), CS-48 (2.5') (880-10173-48), CS-49 (2.5') (880-10173-49), (MB 880-16675/1-A), (880-10173-A-41-E MS) and (880-10173-A-41-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-21 (3.5') (880-10173-21), CS-22 (3.5') (880-10173-22), CS-23 (3.5') (880-10173-23), CS-24 (2.5') (880-10173-24), CS-25 (2.5') (880-10173-25), CS-26 (2.5') (880-10173-26), CS-27 (2.5') (880-10173-27), CS-28 (2.5') (880-10173-28), CS-29 (2.5') (880-10173-29), (MB 880-16678/1-A), (880-10173-A-21-E MS) and (880-10173-A-21-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-31 (2.5') (880-10173-31), CS-33 (2.5') (880-10173-33), CS-34 (2.5') (880-10173-34), CS-35 (2.5') (880-10173-35), CS-36 (2.5') (880-10173-36), CS-37 (2.5') (880-10173-37), CS-38 (2.5') (880-10173-38), CS-39 (2.5') (880-10173-39) and CS-40 (2.5') (880-10173-40). 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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-16747 and 880-16747 and analytical batch 880-16799 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

Case Narrative

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Job ID: 880-10173-1 (Continued)

Laboratory: Eurofins Midland (Continued)

acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-16634 and 880-16634 and analytical batch 880-16800 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 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-16749 and 880-16749 and analytical batch 880-16801 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-1 (4')

Lab Sample ID: 880-10173-1

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/13/22 11:00	01/13/22 16:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/13/22 11:00	01/13/22 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/13/22 11:00	01/13/22 16:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/13/22 11:00	01/13/22 16:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 10:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 10:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 10:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	01/13/22 11:00	01/13/22 10:48	1
o-Terphenyl	86		70 - 130	01/13/22 11:00	01/13/22 10:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U F1	4.98		mg/Kg			01/14/22 03:23	1

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-10173-2

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/13/22 16:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/13/22 16:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/13/22 16:38	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/13/22 11:00	01/13/22 16:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/13/22 16:38	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/13/22 11:00	01/13/22 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/13/22 11:00	01/13/22 16:38	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/13/22 11:00	01/13/22 16:38	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-10173-2

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 11:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 11:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 11:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				01/13/22 11:00	01/13/22 11:50	1
o-Terphenyl	87		70 - 130				01/13/22 11:00	01/13/22 11:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 03:58	1

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-10173-3

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 16:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				01/13/22 11:00	01/13/22 16:58	1
1,4-Difluorobenzene (Surr)	103		70 - 130				01/13/22 11:00	01/13/22 16:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 12:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 12:10	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-10173-3

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/13/22 11:00	01/13/22 12:10	1
o-Terphenyl	90		70 - 130				01/13/22 11:00	01/13/22 12:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/14/22 04:10	1

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-10173-4

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 17:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 17:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				01/13/22 11:00	01/13/22 17:18	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/13/22 11:00	01/13/22 17:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 12:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/13/22 11:00	01/13/22 12:31	1
o-Terphenyl	95		70 - 130				01/13/22 11:00	01/13/22 12:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			01/14/22 04:22	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-5 (4')

Lab Sample ID: 880-10173-5

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 17:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	01/13/22 11:00	01/13/22 17:39	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/13/22 11:00	01/13/22 17:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 12:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 12:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	01/13/22 11:00	01/13/22 12:51	1
o-Terphenyl	93		70 - 130	01/13/22 11:00	01/13/22 12:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/14/22 04:34	1

Client Sample ID: CS-6 (7')

Lab Sample ID: 880-10173-6

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 17:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 17:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 17:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 17:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 17:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	189	S1+	70 - 130	01/13/22 11:00	01/13/22 17:59	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/13/22 11:00	01/13/22 17:59	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-6 (7')

Lab Sample ID: 880-10173-6

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 13:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 13:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/13/22 11:00	01/13/22 13:12	1
o-Terphenyl	91		70 - 130				01/13/22 11:00	01/13/22 13:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/14/22 05:09	1

Client Sample ID: CS-7 (7')

Lab Sample ID: 880-10173-7

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 18:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				01/13/22 11:00	01/13/22 18:20	1
1,4-Difluorobenzene (Surr)	115		70 - 130				01/13/22 11:00	01/13/22 18:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 13:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 13:32	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-7 (7')

Lab Sample ID: 880-10173-7

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/13/22 11:00	01/13/22 13:32	1
o-Terphenyl	91		70 - 130				01/13/22 11:00	01/13/22 13:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 05:21	1

Client Sample ID: CS-8 (7')

Lab Sample ID: 880-10173-8

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 18:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 18:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 18:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 18:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 18:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				01/13/22 11:00	01/13/22 18:40	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/13/22 11:00	01/13/22 18:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 13:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 13:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/13/22 11:00	01/13/22 13:53	1
o-Terphenyl	95		70 - 130				01/13/22 11:00	01/13/22 13:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			01/14/22 05:33	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-9 (7')

Lab Sample ID: 880-10173-9

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 19:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/13/22 11:00	01/13/22 19:00	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/13/22 11:00	01/13/22 19:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 14:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 14:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	01/13/22 11:00	01/13/22 14:14	1
o-Terphenyl	92		70 - 130	01/13/22 11:00	01/13/22 14:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			01/14/22 05:45	1

Client Sample ID: CS-10 (7')

Lab Sample ID: 880-10173-10

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 19:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	01/13/22 11:00	01/13/22 19:21	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/13/22 11:00	01/13/22 19:21	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-10 (7')

Lab Sample ID: 880-10173-10

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 14:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 14:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/13/22 11:00	01/13/22 14:35	1
o-Terphenyl	89		70 - 130				01/13/22 11:00	01/13/22 14:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 05:57	1

Client Sample ID: CS-11 (7')

Lab Sample ID: 880-10173-11

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 21:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 21:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 21:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 21:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 21:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 21:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				01/13/22 11:00	01/13/22 21:11	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/13/22 11:00	01/13/22 21:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 15:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 15:16	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-11 (7')

Lab Sample ID: 880-10173-11

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 15:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/13/22 11:00	01/13/22 15:16	1
o-Terphenyl	96		70 - 130				01/13/22 11:00	01/13/22 15:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U F1	4.99		mg/Kg			01/14/22 06:09	1

Client Sample ID: CS-12 (7')

Lab Sample ID: 880-10173-12

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 21:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/13/22 11:00	01/13/22 21:31	1
1,4-Difluorobenzene (Surr)	73		70 - 130				01/13/22 11:00	01/13/22 21:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 15:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 15:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/13/22 11:00	01/13/22 15:37	1
o-Terphenyl	91		70 - 130				01/13/22 11:00	01/13/22 15:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/14/22 06:44	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-13 (7')

Lab Sample ID: 880-10173-13

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 21:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 21:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/13/22 11:00	01/13/22 21:52	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/13/22 11:00	01/13/22 21:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 15:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 15:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	01/13/22 11:00	01/13/22 15:58	1
o-Terphenyl	97		70 - 130	01/13/22 11:00	01/13/22 15:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/14/22 06:56	1

Client Sample ID: CS-14 (7')

Lab Sample ID: 880-10173-14

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 22:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 22:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/13/22 11:00	01/13/22 22:12	1
1,4-Difluorobenzene (Surr)	70		70 - 130	01/13/22 11:00	01/13/22 22:12	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-14 (7')

Lab Sample ID: 880-10173-14

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 16:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 16:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 16:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/13/22 11:00	01/13/22 16:18	1
o-Terphenyl	92		70 - 130				01/13/22 11:00	01/13/22 16:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			01/14/22 07:32	1

Client Sample ID: CS-15 (7')

Lab Sample ID: 880-10173-15

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 22:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 22:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 22:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 22:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 22:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 22:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				01/13/22 11:00	01/13/22 22:33	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/13/22 11:00	01/13/22 22:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 16:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 16:39	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-15 (7')

Lab Sample ID: 880-10173-15

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				01/13/22 11:00	01/13/22 16:39	1
o-Terphenyl	98		70 - 130				01/13/22 11:00	01/13/22 16:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/14/22 07:44	1

Client Sample ID: CS-16 (7')

Lab Sample ID: 880-10173-16

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/13/22 22:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/13/22 22:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/13/22 11:00	01/13/22 22:53	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/13/22 11:00	01/13/22 22:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 17:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 17:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				01/13/22 11:00	01/13/22 17:00	1
o-Terphenyl	99		70 - 130				01/13/22 11:00	01/13/22 17:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 07:55	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-17 (7')

Lab Sample ID: 880-10173-17

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 23:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 23:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 23:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/13/22 23:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 23:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/13/22 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/13/22 11:00	01/13/22 23:14	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/13/22 11:00	01/13/22 23:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 17:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 17:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 11:00	01/13/22 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	01/13/22 11:00	01/13/22 17:21	1
o-Terphenyl	94		70 - 130	01/13/22 11:00	01/13/22 17:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		5.01		mg/Kg			01/14/22 08:07	1

Client Sample ID: CS-18 (7')

Lab Sample ID: 880-10173-18

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 23:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 23:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 23:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 23:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 23:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/13/22 11:00	01/13/22 23:34	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/13/22 11:00	01/13/22 23:34	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-18 (7')

Lab Sample ID: 880-10173-18

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 17:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 17:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 17:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/13/22 11:00	01/13/22 17:42	1
o-Terphenyl	93		70 - 130				01/13/22 11:00	01/13/22 17:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/14/22 08:19	1

Client Sample ID: CS-19 (7')

Lab Sample ID: 880-10173-19

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/13/22 23:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/13/22 23:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/13/22 23:55	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/13/22 11:00	01/13/22 23:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/13/22 23:55	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/13/22 11:00	01/13/22 23:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				01/13/22 11:00	01/13/22 23:55	1
1,4-Difluorobenzene (Surr)	78		70 - 130				01/13/22 11:00	01/13/22 23:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 18:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 18:02	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-19 (7')

Lab Sample ID: 880-10173-19

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 11:00	01/13/22 18:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				01/13/22 11:00	01/13/22 18:02	1
o-Terphenyl	97		70 - 130				01/13/22 11:00	01/13/22 18:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/14/22 08:31	1

Client Sample ID: CS-20 (3.5')

Lab Sample ID: 880-10173-20

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 00:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 00:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 00:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 00:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 00:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				01/13/22 11:00	01/14/22 00:15	1
1,4-Difluorobenzene (Surr)	95		70 - 130				01/13/22 11:00	01/14/22 00:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/13/22 11:00	01/13/22 18:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/13/22 11:00	01/13/22 18:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/13/22 11:00	01/13/22 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/13/22 11:00	01/13/22 18:23	1
o-Terphenyl	93		70 - 130				01/13/22 11:00	01/13/22 18:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			01/14/22 08:43	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-21 (3.5')

Lab Sample ID: 880-10173-21

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 15:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 15:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 15:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/13/22 15:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 15:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/13/22 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	01/13/22 11:00	01/13/22 15:45	1
1,4-Difluorobenzene (Surr)	229	S1+	70 - 130	01/13/22 11:00	01/13/22 15:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 11:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130	01/13/22 14:27	01/13/22 11:11	1
o-Terphenyl	64	S1-	70 - 130	01/13/22 14:27	01/13/22 11:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U F1	4.99		mg/Kg			01/14/22 04:13	1

Client Sample ID: CS-22 (3.5')

Lab Sample ID: 880-10173-22

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 16:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 16:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	01/13/22 11:00	01/13/22 16:12	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/13/22 11:00	01/13/22 16:12	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-22 (3.5')

Lab Sample ID: 880-10173-22

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 12:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 12:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 12:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				01/13/22 14:27	01/13/22 12:13	1
o-Terphenyl	70		70 - 130				01/13/22 14:27	01/13/22 12:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/14/22 04:34	1

Client Sample ID: CS-23 (3.5')

Lab Sample ID: 880-10173-23

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 16:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 16:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 16:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 16:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 16:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				01/13/22 11:00	01/13/22 16:40	1
1,4-Difluorobenzene (Surr)	79		70 - 130				01/13/22 11:00	01/13/22 16:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 12:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 12:33	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-23 (3.5')

Lab Sample ID: 880-10173-23

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 12:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				01/13/22 14:27	01/13/22 12:33	1
o-Terphenyl	63	S1-	70 - 130				01/13/22 14:27	01/13/22 12:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			01/14/22 04:41	1

Client Sample ID: CS-24 (2.5')

Lab Sample ID: 880-10173-24

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 17:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 17:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 17:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				01/13/22 11:00	01/13/22 17:08	1
1,4-Difluorobenzene (Surr)	83		70 - 130				01/13/22 11:00	01/13/22 17:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 12:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 12:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				01/13/22 14:27	01/13/22 12:53	1
o-Terphenyl	69	S1-	70 - 130				01/13/22 14:27	01/13/22 12:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/14/22 04:48	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-25 (2.5')

Lab Sample ID: 880-10173-25

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 17:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 17:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 17:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 17:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 17:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	01/13/22 11:00	01/13/22 17:36	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/13/22 11:00	01/13/22 17:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 13:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 13:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130	01/13/22 14:27	01/13/22 13:13	1
o-Terphenyl	63	S1-	70 - 130	01/13/22 14:27	01/13/22 13:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/14/22 04:55	1

Client Sample ID: CS-26 (2.5')

Lab Sample ID: 880-10173-26

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 18:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	01/13/22 11:00	01/13/22 18:04	1
1,4-Difluorobenzene (Surr)	133	S1+	70 - 130	01/13/22 11:00	01/13/22 18:04	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-26 (2.5')

Lab Sample ID: 880-10173-26

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 13:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 13:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				01/13/22 14:27	01/13/22 13:34	1
o-Terphenyl	66	S1-	70 - 130				01/13/22 14:27	01/13/22 13:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 05:16	1

Client Sample ID: CS-27 (2.5')

Lab Sample ID: 880-10173-27

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/13/22 18:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/13/22 18:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/13/22 18:32	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/13/22 11:00	01/13/22 18:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/13/22 18:32	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/13/22 11:00	01/13/22 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				01/13/22 11:00	01/13/22 18:32	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/13/22 11:00	01/13/22 18:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 13:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 13:55	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-27 (2.5')

Lab Sample ID: 880-10173-27

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	60	S1-	70 - 130				01/13/22 14:27	01/13/22 13:55	1
o-Terphenyl	61	S1-	70 - 130				01/13/22 14:27	01/13/22 13:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/14/22 05:23	1

Client Sample ID: CS-28 (2.5')

Lab Sample ID: 880-10173-28

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 18:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 18:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				01/13/22 11:00	01/13/22 18:59	1
1,4-Difluorobenzene (Surr)	74		70 - 130				01/13/22 11:00	01/13/22 18:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 14:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 14:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				01/13/22 14:27	01/13/22 14:15	1
o-Terphenyl	65	S1-	70 - 130				01/13/22 14:27	01/13/22 14:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			01/14/22 05:30	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-29 (2.5')

Lab Sample ID: 880-10173-29

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 19:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 19:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 19:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 19:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 19:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	01/13/22 11:00	01/13/22 19:27	1
1,4-Difluorobenzene (Surr)	120		70 - 130	01/13/22 11:00	01/13/22 19:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 14:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 14:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130	01/13/22 14:27	01/13/22 14:37	1
o-Terphenyl	65	S1-	70 - 130	01/13/22 14:27	01/13/22 14:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			01/14/22 05:37	1

Client Sample ID: CS-30 (2.5')

Lab Sample ID: 880-10173-30

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 19:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 19:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 19:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/13/22 11:00	01/13/22 19:55	1
1,4-Difluorobenzene (Surr)	162	S1+	70 - 130	01/13/22 11:00	01/13/22 19:55	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-30 (2.5')

Lab Sample ID: 880-10173-30

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 14:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 14:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/13/22 14:27	01/13/22 14:58	1
o-Terphenyl	84		70 - 130				01/13/22 14:27	01/13/22 14:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 05:44	1

Client Sample ID: CS-31 (2.5')

Lab Sample ID: 880-10173-31

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 21:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/13/22 21:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/13/22 21:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	165	S1+	70 - 130				01/13/22 11:00	01/13/22 21:45	1
1,4-Difluorobenzene (Surr)	78		70 - 130				01/13/22 11:00	01/13/22 21:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 15:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 15:40	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-31 (2.5')

Lab Sample ID: 880-10173-31

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 15:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				01/13/22 14:27	01/13/22 15:40	1
o-Terphenyl	65	S1-	70 - 130				01/13/22 14:27	01/13/22 15:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U F1	4.98		mg/Kg			01/14/22 05:51	1

Client Sample ID: CS-32 (2.5')

Lab Sample ID: 880-10173-32

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/13/22 22:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 22:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/13/22 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130				01/13/22 11:00	01/13/22 22:13	1
1,4-Difluorobenzene (Surr)	83		70 - 130				01/13/22 11:00	01/13/22 22:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 16:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 16:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 16:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				01/13/22 14:27	01/13/22 16:01	1
o-Terphenyl	77		70 - 130				01/13/22 14:27	01/13/22 16:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			01/14/22 06:13	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-33 (2.5')

Lab Sample ID: 880-10173-33

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 22:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 22:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 22:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/13/22 22:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 22:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/13/22 22:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/13/22 11:00	01/13/22 22:41	1
1,4-Difluorobenzene (Surr)	250	S1+	70 - 130	01/13/22 11:00	01/13/22 22:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 16:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 16:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	01/13/22 14:27	01/13/22 16:22	1
o-Terphenyl	72		70 - 130	01/13/22 14:27	01/13/22 16:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/14/22 06:20	1

Client Sample ID: CS-34 (2.5')

Lab Sample ID: 880-10173-34

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 23:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 23:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 23:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/13/22 23:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/13/22 23:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/13/22 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/13/22 11:00	01/13/22 23:09	1
1,4-Difluorobenzene (Surr)	559	S1+	70 - 130	01/13/22 11:00	01/13/22 23:09	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-34 (2.5')

Lab Sample ID: 880-10173-34

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 16:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 16:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				01/13/22 14:27	01/13/22 16:42	1
o-Terphenyl	67	S1-	70 - 130				01/13/22 14:27	01/13/22 16:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/14/22 06:41	1

Client Sample ID: CS-35 (2.5')

Lab Sample ID: 880-10173-35

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 23:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 23:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 23:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 23:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 23:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/13/22 23:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				01/13/22 11:00	01/13/22 23:36	1
1,4-Difluorobenzene (Surr)	206	S1+	70 - 130				01/13/22 11:00	01/13/22 23:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 17:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 17:04	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-35 (2.5')

Lab Sample ID: 880-10173-35

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				01/13/22 14:27	01/13/22 17:04	1
o-Terphenyl	65	S1-	70 - 130				01/13/22 14:27	01/13/22 17:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 06:48	1

Client Sample ID: CS-36 (2.5')

Lab Sample ID: 880-10173-36

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 00:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 00:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 00:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 00:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 00:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/13/22 11:00	01/14/22 00:04	1
1,4-Difluorobenzene (Surr)	459	S1+	70 - 130				01/13/22 11:00	01/14/22 00:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 17:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 17:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				01/13/22 14:27	01/13/22 17:25	1
o-Terphenyl	63	S1-	70 - 130				01/13/22 14:27	01/13/22 17:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 06:55	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-37 (2.5')

Lab Sample ID: 880-10173-37

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 00:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 00:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 00:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 00:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 00:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130	01/13/22 11:00	01/14/22 00:31	1
1,4-Difluorobenzene (Surr)	71		70 - 130	01/13/22 11:00	01/14/22 00:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 17:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 17:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	01/13/22 14:27	01/13/22 17:45	1
o-Terphenyl	67	S1-	70 - 130	01/13/22 14:27	01/13/22 17:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/14/22 08:26	1

Client Sample ID: CS-38 (2.5')

Lab Sample ID: 880-10173-38

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 00:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 00:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 00:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 00:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 00:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 00:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	01/13/22 11:00	01/14/22 00:58	1
1,4-Difluorobenzene (Surr)	128		70 - 130	01/13/22 11:00	01/14/22 00:58	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-38 (2.5')

Lab Sample ID: 880-10173-38

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/13/22 14:27	01/13/22 18:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/13/22 14:27	01/13/22 18:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/13/22 14:27	01/13/22 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				01/13/22 14:27	01/13/22 18:06	1
o-Terphenyl	65	S1-	70 - 130				01/13/22 14:27	01/13/22 18:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			01/14/22 08:33	1

Client Sample ID: CS-39 (2.5')

Lab Sample ID: 880-10173-39

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 01:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 01:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 01:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 01:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 01:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 01:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				01/13/22 11:00	01/14/22 01:26	1
1,4-Difluorobenzene (Surr)	432	S1+	70 - 130				01/13/22 11:00	01/14/22 01:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 18:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 18:26	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-39 (2.5')

Lab Sample ID: 880-10173-39

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:27	01/13/22 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				01/13/22 14:27	01/13/22 18:26	1
o-Terphenyl	65	S1-	70 - 130				01/13/22 14:27	01/13/22 18:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/14/22 08:40	1

Client Sample ID: CS-40 (2.5')

Lab Sample ID: 880-10173-40

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 01:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 01:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 01:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 01:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 01:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 01:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				01/13/22 11:00	01/14/22 01:53	1
1,4-Difluorobenzene (Surr)	523	S1+	70 - 130				01/13/22 11:00	01/14/22 01:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 18:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 18:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:27	01/13/22 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				01/13/22 14:27	01/13/22 18:47	1
o-Terphenyl	65	S1-	70 - 130				01/13/22 14:27	01/13/22 18:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			01/14/22 08:47	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-41 (2.5')

Lab Sample ID: 880-10173-41

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F2 F1	0.00202		mg/Kg		01/13/22 11:00	01/14/22 06:02	1
Toluene	<0.00202	U F2 F1	0.00202		mg/Kg		01/13/22 11:00	01/14/22 06:02	1
Ethylbenzene	<0.00202	U F2 F1	0.00202		mg/Kg		01/13/22 11:00	01/14/22 06:02	1
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.00403		mg/Kg		01/13/22 11:00	01/14/22 06:02	1
o-Xylene	<0.00202	U F2 F1	0.00202		mg/Kg		01/13/22 11:00	01/14/22 06:02	1
Xylenes, Total	<0.00403	U F2 F1	0.00403		mg/Kg		01/13/22 11:00	01/14/22 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	01/13/22 11:00	01/14/22 06:02	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/13/22 11:00	01/14/22 06:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		01/13/22 14:22	01/13/22 11:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	01/13/22 14:22	01/13/22 11:11	1
o-Terphenyl	78		70 - 130	01/13/22 14:22	01/13/22 11:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		4.95		mg/Kg			01/14/22 12:29	1

Client Sample ID: CS-42 (2.5')

Lab Sample ID: 880-10173-42

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 06:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 06:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 06:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 06:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 06:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 06:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/13/22 11:00	01/14/22 06:31	1
1,4-Difluorobenzene (Surr)	126		70 - 130	01/13/22 11:00	01/14/22 06:31	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-42 (2.5')

Lab Sample ID: 880-10173-42

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		01/13/22 14:22	01/13/22 12:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 12:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 12:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				01/13/22 14:22	01/13/22 12:13	1
o-Terphenyl	73		70 - 130				01/13/22 14:22	01/13/22 12:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			01/14/22 12:50	1

Client Sample ID: CS-43 (2.5')

Lab Sample ID: 880-10173-43

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 06:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 06:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 06:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 06:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 06:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 06:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130				01/13/22 11:00	01/14/22 06:58	1
1,4-Difluorobenzene (Surr)	111		70 - 130				01/13/22 11:00	01/14/22 06:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		01/13/22 14:22	01/13/22 12:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 12:33	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-43 (2.5')

Lab Sample ID: 880-10173-43

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 12:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				01/13/22 14:22	01/13/22 12:33	1
o-Terphenyl	75		70 - 130				01/13/22 14:22	01/13/22 12:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			01/14/22 12:57	1

Client Sample ID: CS-44 (2.5')

Lab Sample ID: 880-10173-44

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/14/22 07:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/14/22 07:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/14/22 07:29	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/13/22 11:00	01/14/22 07:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/13/22 11:00	01/14/22 07:29	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/13/22 11:00	01/14/22 07:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				01/13/22 11:00	01/14/22 07:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/13/22 11:00	01/14/22 07:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		01/13/22 14:22	01/13/22 12:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 12:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				01/13/22 14:22	01/13/22 12:53	1
o-Terphenyl	73		70 - 130				01/13/22 14:22	01/13/22 12:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/14/22 13:04	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-45 (2.5')

Lab Sample ID: 880-10173-45

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 07:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 07:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 07:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 07:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 07:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 07:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	01/13/22 11:00	01/14/22 07:56	1
1,4-Difluorobenzene (Surr)	145	S1+	70 - 130	01/13/22 11:00	01/14/22 07:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		01/13/22 14:22	01/13/22 13:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 13:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	01/13/22 14:22	01/13/22 13:13	1
o-Terphenyl	74		70 - 130	01/13/22 14:22	01/13/22 13:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/14/22 13:11	1

Client Sample ID: CS-46 (2.5')

Lab Sample ID: 880-10173-46

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 08:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 08:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 08:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 08:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 08:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 08:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	201	S1+	70 - 130	01/13/22 11:00	01/14/22 08:23	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/13/22 11:00	01/14/22 08:23	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-46 (2.5')

Lab Sample ID: 880-10173-46

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		01/13/22 14:22	01/13/22 13:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 13:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				01/13/22 14:22	01/13/22 13:34	1
o-Terphenyl	76		70 - 130				01/13/22 14:22	01/13/22 13:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 13:33	1

Client Sample ID: CS-47 (2.5')

Lab Sample ID: 880-10173-47

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 08:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 08:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 08:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 08:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 08:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 08:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				01/13/22 11:00	01/14/22 08:50	1
1,4-Difluorobenzene (Surr)	574	S1+	70 - 130				01/13/22 11:00	01/14/22 08:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		01/13/22 14:22	01/13/22 13:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 13:55	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-47 (2.5')

Lab Sample ID: 880-10173-47

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				01/13/22 14:22	01/13/22 13:55	1
o-Terphenyl	76		70 - 130				01/13/22 14:22	01/13/22 13:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/14/22 13:40	1

Client Sample ID: CS-48 (2.5')

Lab Sample ID: 880-10173-48

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 09:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 09:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 09:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/13/22 11:00	01/14/22 09:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 09:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/13/22 11:00	01/14/22 09:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				01/13/22 11:00	01/14/22 09:16	1
1,4-Difluorobenzene (Surr)	658	S1+	70 - 130				01/13/22 11:00	01/14/22 09:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		01/13/22 14:22	01/13/22 14:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 14:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				01/13/22 14:22	01/13/22 14:15	1
o-Terphenyl	71		70 - 130				01/13/22 14:22	01/13/22 14:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.37		4.96		mg/Kg			01/14/22 13:47	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-49 (2.5')

Lab Sample ID: 880-10173-49

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 09:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 09:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 09:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/14/22 09:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 09:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/14/22 09:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	01/13/22 11:00	01/14/22 09:43	1
1,4-Difluorobenzene (Surr)	197	S1+	70 - 130	01/13/22 11:00	01/14/22 09:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		01/13/22 14:22	01/13/22 14:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 14:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	01/13/22 14:22	01/13/22 14:37	1
o-Terphenyl	74		70 - 130	01/13/22 14:22	01/13/22 14:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.53		5.03		mg/Kg			01/14/22 16:01	1

Client Sample ID: CS-50 (2.5')

Lab Sample ID: 880-10173-50

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 10:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 10:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 10:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/14/22 10:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 10:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/14/22 10:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/13/22 11:00	01/14/22 10:10	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/13/22 11:00	01/14/22 10:10	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-50 (2.5')

Lab Sample ID: 880-10173-50

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		01/13/22 14:22	01/13/22 14:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 14:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/13/22 14:22	01/13/22 14:58	1
o-Terphenyl	82		70 - 130				01/13/22 14:22	01/13/22 14:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 14:01	1

Client Sample ID: CS-51 (2.5')

Lab Sample ID: 880-10173-51

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 12:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 12:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 12:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 12:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 12:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	293	S1+	70 - 130				01/13/22 11:00	01/14/22 12:35	1
1,4-Difluorobenzene (Surr)	84		70 - 130				01/13/22 11:00	01/14/22 12:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		01/13/22 14:22	01/13/22 15:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 15:40	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-51 (2.5')

Lab Sample ID: 880-10173-51

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 15:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				01/13/22 14:22	01/13/22 15:40	1
o-Terphenyl	77		70 - 130				01/13/22 14:22	01/13/22 15:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U F1	5.00		mg/Kg			01/14/22 14:08	1

Client Sample ID: CS-52 (2.5')

Lab Sample ID: 880-10173-52

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/14/22 13:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/14/22 13:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/14/22 13:02	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/13/22 11:00	01/14/22 13:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/14/22 13:02	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/13/22 11:00	01/14/22 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/13/22 11:00	01/14/22 13:02	1
1,4-Difluorobenzene (Surr)	129		70 - 130				01/13/22 11:00	01/14/22 13:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		01/13/22 14:22	01/13/22 16:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 16:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 16:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/13/22 14:22	01/13/22 16:01	1
o-Terphenyl	79		70 - 130				01/13/22 14:22	01/13/22 16:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/14/22 14:29	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-53 (2.5')

Lab Sample ID: 880-10173-53

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 13:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 13:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 13:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/14/22 13:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 13:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/14/22 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	282	S1+	70 - 130	01/13/22 11:00	01/14/22 13:30	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/13/22 11:00	01/14/22 13:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		01/13/22 14:22	01/13/22 16:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 16:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130	01/13/22 14:22	01/13/22 16:22	1
o-Terphenyl	72		70 - 130	01/13/22 14:22	01/13/22 16:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/14/22 14:36	1

Client Sample ID: CS-54 (2.5')

Lab Sample ID: 880-10173-54

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 13:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 13:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 13:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 13:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 13:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	222	S1+	70 - 130	01/13/22 11:00	01/14/22 13:58	1
1,4-Difluorobenzene (Surr)	116		70 - 130	01/13/22 11:00	01/14/22 13:58	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-54 (2.5')

Lab Sample ID: 880-10173-54

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		01/13/22 14:22	01/13/22 16:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 16:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				01/13/22 14:22	01/13/22 16:42	1
o-Terphenyl	78		70 - 130				01/13/22 14:22	01/13/22 16:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			01/14/22 16:08	1

Client Sample ID: CS-55 (2.5')

Lab Sample ID: 880-10173-55

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 14:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 14:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 14:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 14:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 14:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	381	S1+	70 - 130				01/13/22 11:00	01/14/22 14:25	1
1,4-Difluorobenzene (Surr)	124		70 - 130				01/13/22 11:00	01/14/22 14:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		01/13/22 14:22	01/13/22 17:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 17:04	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-55 (2.5')

Lab Sample ID: 880-10173-55

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				01/13/22 14:22	01/13/22 17:04	1
o-Terphenyl	74		70 - 130				01/13/22 14:22	01/13/22 17:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/14/22 15:04	1

Client Sample ID: CS-56 (2.5')

Lab Sample ID: 880-10173-56

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 14:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 14:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 14:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 14:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 14:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	502	S1+	70 - 130				01/13/22 11:00	01/14/22 14:52	1
1,4-Difluorobenzene (Surr)	76		70 - 130				01/13/22 11:00	01/14/22 14:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		01/13/22 14:22	01/13/22 17:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 17:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				01/13/22 14:22	01/13/22 17:25	1
o-Terphenyl	80		70 - 130				01/13/22 14:22	01/13/22 17:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/14/22 15:11	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-57 (2.5')

Lab Sample ID: 880-10173-57

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 15:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 15:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 15:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/14/22 15:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 15:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/14/22 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	464	S1+	70 - 130	01/13/22 11:00	01/14/22 15:19	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/13/22 11:00	01/14/22 15:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		01/13/22 14:22	01/13/22 17:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/13/22 14:22	01/13/22 17:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/13/22 14:22	01/13/22 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	01/13/22 14:22	01/13/22 17:45	1
o-Terphenyl	80		70 - 130	01/13/22 14:22	01/13/22 17:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 15:19	1

Client Sample ID: CS-58 (2.5')

Lab Sample ID: 880-10173-58

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 15:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 15:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 15:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/14/22 15:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 15:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/14/22 15:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	781	S1+	70 - 130	01/13/22 11:00	01/14/22 15:46	1
1,4-Difluorobenzene (Surr)	74		70 - 130	01/13/22 11:00	01/14/22 15:46	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-58 (2.5')

Lab Sample ID: 880-10173-58

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		01/13/22 14:22	01/13/22 18:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 18:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 14:22	01/13/22 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				01/13/22 14:22	01/13/22 18:06	1
o-Terphenyl	78		70 - 130				01/13/22 14:22	01/13/22 18:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 15:40	1

Client Sample ID: CS-59 (2.5')

Lab Sample ID: 880-10173-59

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 16:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 16:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 16:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 16:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 16:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				01/13/22 11:00	01/14/22 16:14	1
1,4-Difluorobenzene (Surr)	88		70 - 130				01/13/22 11:00	01/14/22 16:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		01/13/22 14:22	01/13/22 18:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 18:26	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-59 (2.5')

Lab Sample ID: 880-10173-59

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/13/22 14:22	01/13/22 18:26	1
o-Terphenyl	80		70 - 130				01/13/22 14:22	01/13/22 18:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			01/14/22 15:26	1

Client Sample ID: SW-1

Lab Sample ID: 880-10173-60

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 17:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 17:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 17:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 17:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 17:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	21	S1-	70 - 130				01/13/22 11:00	01/14/22 17:05	1
1,4-Difluorobenzene (Surr)	88		70 - 130				01/13/22 11:00	01/14/22 17:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		01/13/22 14:22	01/13/22 18:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 18:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 14:22	01/13/22 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/13/22 14:22	01/13/22 18:47	1
o-Terphenyl	77		70 - 130				01/13/22 14:22	01/13/22 18:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/14/22 15:33	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-2

Lab Sample ID: 880-10173-61

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 10:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 10:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 10:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 10:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 10:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 10:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/13/22 11:00	01/14/22 10:58	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/13/22 11:00	01/14/22 10:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 20:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 20:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	01/13/22 10:46	01/13/22 20:07	1
o-Terphenyl	104		70 - 130	01/13/22 10:46	01/13/22 20:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.04		4.98		mg/Kg			01/13/22 18:22	1

Client Sample ID: SW-3

Lab Sample ID: 880-10173-62

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 11:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 11:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 11:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 11:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 11:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/22 11:00	01/14/22 11:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	01/13/22 11:00	01/14/22 11:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/13/22 11:00	01/14/22 11:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-3

Lab Sample ID: 880-10173-62

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 21:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 21:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 21:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/13/22 10:46	01/13/22 21:10	1
o-Terphenyl	95		70 - 130				01/13/22 10:46	01/13/22 21:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.36		5.00		mg/Kg			01/13/22 18:40	1

Client Sample ID: SW-4

Lab Sample ID: 880-10173-63

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 11:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 11:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 11:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/13/22 11:00	01/14/22 11:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 11:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/13/22 11:00	01/14/22 11:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				01/13/22 11:00	01/14/22 11:38	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/13/22 11:00	01/14/22 11:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 21:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 21:31	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-4

Lab Sample ID: 880-10173-63

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				01/13/22 10:46	01/13/22 21:31	1
o-Terphenyl	103		70 - 130				01/13/22 10:46	01/13/22 21:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/13/22 18:46	1

Client Sample ID: SW-5

Lab Sample ID: 880-10173-64

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 11:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 11:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 11:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 11:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 11:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				01/13/22 11:00	01/14/22 11:59	1
1,4-Difluorobenzene (Surr)	88		70 - 130				01/13/22 11:00	01/14/22 11:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 21:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 21:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/13/22 10:46	01/13/22 21:52	1
o-Terphenyl	84		70 - 130				01/13/22 10:46	01/13/22 21:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.27		4.97		mg/Kg			01/13/22 18:52	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-6

Lab Sample ID: 880-10173-65

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 12:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 12:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 12:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 12:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 12:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/13/22 11:00	01/14/22 12:19	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/13/22 11:00	01/14/22 12:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 22:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 22:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	01/13/22 10:46	01/13/22 22:14	1
o-Terphenyl	90		70 - 130	01/13/22 10:46	01/13/22 22:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.85		4.99		mg/Kg			01/13/22 18:58	1

Client Sample ID: SW-7

Lab Sample ID: 880-10173-66

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 12:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 12:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 12:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/14/22 12:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 12:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/14/22 12:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	01/13/22 11:00	01/14/22 12:40	1
1,4-Difluorobenzene (Surr)	129		70 - 130	01/13/22 11:00	01/14/22 12:40	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-7

Lab Sample ID: 880-10173-66

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 22:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 22:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				01/13/22 10:46	01/13/22 22:36	1
o-Terphenyl	87		70 - 130				01/13/22 10:46	01/13/22 22:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.9		5.00		mg/Kg			01/13/22 19:22	1

Client Sample ID: SW-8

Lab Sample ID: 880-10173-67

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 13:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 13:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 13:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 13:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/22 11:00	01/14/22 13:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/22 11:00	01/14/22 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				01/13/22 11:00	01/14/22 13:00	1
1,4-Difluorobenzene (Surr)	87		70 - 130				01/13/22 11:00	01/14/22 13:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 22:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 22:57	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-8

Lab Sample ID: 880-10173-67

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/13/22 10:46	01/13/22 22:57	1
o-Terphenyl	85		70 - 130				01/13/22 10:46	01/13/22 22:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			01/13/22 19:28	1

Client Sample ID: SW-9

Lab Sample ID: 880-10173-68

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 13:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 13:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 13:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/14/22 13:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/22 11:00	01/14/22 13:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/22 11:00	01/14/22 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				01/13/22 11:00	01/14/22 13:20	1
1,4-Difluorobenzene (Surr)	85		70 - 130				01/13/22 11:00	01/14/22 13:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 23:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 23:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/13/22 10:46	01/13/22 23:18	1
o-Terphenyl	93		70 - 130				01/13/22 10:46	01/13/22 23:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			01/13/22 19:34	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-10

Lab Sample ID: 880-10173-69

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 13:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 13:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 13:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/14/22 13:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 13:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/13/22 11:00	01/14/22 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/13/22 11:00	01/14/22 13:41	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/13/22 11:00	01/14/22 13:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 23:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 23:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/13/22 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	01/13/22 10:46	01/13/22 23:40	1
o-Terphenyl	91		70 - 130	01/13/22 10:46	01/13/22 23:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.80		5.03		mg/Kg			01/13/22 19:40	1

Client Sample ID: SW-11

Lab Sample ID: 880-10173-70

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/14/22 14:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/14/22 14:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/14/22 14:01	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/13/22 11:00	01/14/22 14:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/13/22 11:00	01/14/22 14:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/13/22 11:00	01/14/22 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	01/13/22 11:00	01/14/22 14:01	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/13/22 11:00	01/14/22 14:01	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-11

Lab Sample ID: 880-10173-70

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 00:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 00:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				01/13/22 10:46	01/14/22 00:02	1
o-Terphenyl	86		70 - 130				01/13/22 10:46	01/14/22 00:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/13/22 19:46	1

Client Sample ID: SW-12

Lab Sample ID: 880-10173-71

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/14/22 07:28	01/14/22 12:37	1
Toluene	<0.00199	U F2	0.00199		mg/Kg		01/14/22 07:28	01/14/22 12:37	1
Ethylbenzene	<0.00199	U F1 F2	0.00199		mg/Kg		01/14/22 07:28	01/14/22 12:37	1
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.00398		mg/Kg		01/14/22 07:28	01/14/22 12:37	1
o-Xylene	<0.00199	U F1 F2	0.00199		mg/Kg		01/14/22 07:28	01/14/22 12:37	1
Xylenes, Total	<0.00398	U F1 F2	0.00398		mg/Kg		01/14/22 07:28	01/14/22 12:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	198	S1+	70 - 130				01/14/22 07:28	01/14/22 12:37	1
1,4-Difluorobenzene (Surr)	71		70 - 130				01/14/22 07:28	01/14/22 12:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 00:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 00:44	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-12

Lab Sample ID: 880-10173-71

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 00:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/13/22 10:46	01/14/22 00:44	1
o-Terphenyl	87		70 - 130				01/13/22 10:46	01/14/22 00:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/13/22 19:52	1

Client Sample ID: SW-13

Lab Sample ID: 880-10173-72

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/14/22 07:28	01/14/22 12:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/14/22 07:28	01/14/22 12:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/14/22 07:28	01/14/22 12:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/14/22 07:28	01/14/22 12:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/14/22 07:28	01/14/22 12:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/14/22 07:28	01/14/22 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	458	S1+	70 - 130				01/14/22 07:28	01/14/22 12:58	1
1,4-Difluorobenzene (Surr)	116		70 - 130				01/14/22 07:28	01/14/22 12:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 01:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 01:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 01:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/13/22 10:46	01/14/22 01:06	1
o-Terphenyl	91		70 - 130				01/13/22 10:46	01/14/22 01:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.50		4.99		mg/Kg			01/13/22 20:10	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-14

Lab Sample ID: 880-10173-73

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 13:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 13:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 13:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/14/22 07:28	01/14/22 13:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 13:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/14/22 07:28	01/14/22 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	01/14/22 07:28	01/14/22 13:18	1
1,4-Difluorobenzene (Surr)	117		70 - 130	01/14/22 07:28	01/14/22 13:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 01:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 01:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 01:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	01/13/22 10:46	01/14/22 01:27	1
o-Terphenyl	101		70 - 130	01/13/22 10:46	01/14/22 01:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.80		4.97		mg/Kg			01/13/22 20:16	1

Client Sample ID: SW-15

Lab Sample ID: 880-10173-74

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/14/22 07:28	01/14/22 13:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/14/22 07:28	01/14/22 13:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/14/22 07:28	01/14/22 13:39	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/14/22 07:28	01/14/22 13:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/14/22 07:28	01/14/22 13:39	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/14/22 07:28	01/14/22 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/14/22 07:28	01/14/22 13:39	1
1,4-Difluorobenzene (Surr)	120		70 - 130	01/14/22 07:28	01/14/22 13:39	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-15

Lab Sample ID: 880-10173-74

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 01:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 01:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				01/13/22 10:46	01/14/22 01:49	1
o-Terphenyl	102		70 - 130				01/13/22 10:46	01/14/22 01:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/13/22 20:40	1

Client Sample ID: SW-16

Lab Sample ID: 880-10173-75

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/14/22 07:28	01/14/22 14:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/14/22 07:28	01/14/22 14:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/14/22 07:28	01/14/22 14:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/14/22 07:28	01/14/22 14:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/14/22 07:28	01/14/22 14:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/14/22 07:28	01/14/22 14:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				01/14/22 07:28	01/14/22 14:00	1
1,4-Difluorobenzene (Surr)	76		70 - 130				01/14/22 07:28	01/14/22 14:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 02:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 02:10	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-16

Lab Sample ID: 880-10173-75

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 02:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/13/22 10:46	01/14/22 02:10	1
o-Terphenyl	87		70 - 130				01/13/22 10:46	01/14/22 02:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/13/22 20:46	1

Client Sample ID: SW-17

Lab Sample ID: 880-10173-76

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 14:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 14:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 14:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/14/22 07:28	01/14/22 14:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 14:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/14/22 07:28	01/14/22 14:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/14/22 07:28	01/14/22 14:20	1
1,4-Difluorobenzene (Surr)	140	S1+	70 - 130				01/14/22 07:28	01/14/22 14:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 02:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 02:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				01/13/22 10:46	01/14/22 02:32	1
o-Terphenyl	93		70 - 130				01/13/22 10:46	01/14/22 02:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/13/22 20:51	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-18

Lab Sample ID: 880-10173-77

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 14:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 14:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 14:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/14/22 07:28	01/14/22 14:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 14:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/14/22 07:28	01/14/22 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	01/14/22 07:28	01/14/22 14:41	1
1,4-Difluorobenzene (Surr)	119		70 - 130	01/14/22 07:28	01/14/22 14:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 02:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 02:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 02:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	01/13/22 10:46	01/14/22 02:53	1
o-Terphenyl	87		70 - 130	01/13/22 10:46	01/14/22 02:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			01/13/22 20:57	1

Client Sample ID: SW-19

Lab Sample ID: 880-10173-78

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 15:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 15:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 15:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/14/22 07:28	01/14/22 15:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 15:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/14/22 07:28	01/14/22 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	01/14/22 07:28	01/14/22 15:02	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/14/22 07:28	01/14/22 15:02	1

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Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-19

Lab Sample ID: 880-10173-78

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 03:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 03:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				01/13/22 10:46	01/14/22 03:15	1
o-Terphenyl	77		70 - 130				01/13/22 10:46	01/14/22 03:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			01/13/22 21:03	1

Client Sample ID: SW-20

Lab Sample ID: 880-10173-79

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/14/22 07:28	01/14/22 15:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/14/22 07:28	01/14/22 15:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/14/22 07:28	01/14/22 15:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/14/22 07:28	01/14/22 15:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/14/22 07:28	01/14/22 15:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/14/22 07:28	01/14/22 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130				01/14/22 07:28	01/14/22 15:23	1
1,4-Difluorobenzene (Surr)	79		70 - 130				01/14/22 07:28	01/14/22 15:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 03:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 03:37	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-20

Lab Sample ID: 880-10173-79

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/14/22 03:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				01/13/22 10:46	01/14/22 03:37	1
o-Terphenyl	93		70 - 130				01/13/22 10:46	01/14/22 03:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.72		4.98		mg/Kg			01/13/22 21:09	1

Client Sample ID: SW-21

Lab Sample ID: 880-10173-80

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/14/22 07:28	01/14/22 15:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/14/22 07:28	01/14/22 15:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/14/22 07:28	01/14/22 15:42	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/14/22 07:28	01/14/22 15:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/14/22 07:28	01/14/22 15:42	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/14/22 07:28	01/14/22 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				01/14/22 07:28	01/14/22 15:42	1
1,4-Difluorobenzene (Surr)	82		70 - 130				01/14/22 07:28	01/14/22 15:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/13/22 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/22 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 03:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 03:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/22 10:46	01/14/22 03:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				01/13/22 10:46	01/14/22 03:58	1
o-Terphenyl	86		70 - 130				01/13/22 10:46	01/14/22 03:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/13/22 21:15	1

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Surrogate Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-10173-1	CS-1 (4')	121	102
880-10173-1 MS	CS-1 (4')	107	98
880-10173-1 MSD	CS-1 (4')	135 S1+	102
880-10173-2	CS-2 (4')	110	101
880-10173-3	CS-3 (4')	138 S1+	103
880-10173-4	CS-4 (4')	116	106
880-10173-5	CS-5 (4')	119	98
880-10173-6	CS-6 (7')	189 S1+	114
880-10173-7	CS-7 (7')	144 S1+	115
880-10173-8	CS-8 (7')	114	99
880-10173-9	CS-9 (7')	106	90
880-10173-10	CS-10 (7')	112	103
880-10173-11	CS-11 (7')	115	99
880-10173-12	CS-12 (7')	94	73
880-10173-13	CS-13 (7')	114	110
880-10173-14	CS-14 (7')	99	70
880-10173-15	CS-15 (7')	129	101
880-10173-16	CS-16 (7')	108	96
880-10173-17	CS-17 (7')	109	101
880-10173-18	CS-18 (7')	108	110
880-10173-19	CS-19 (7')	110	78
880-10173-20	CS-20 (3.5')	103	95
880-10173-21	CS-21 (3.5')	122	229 S1+
880-10173-21 MS	CS-21 (3.5')	132 S1+	78
880-10173-21 MSD	CS-21 (3.5')	99	22 S1-
880-10173-22	CS-22 (3.5')	145 S1+	86
880-10173-23	CS-23 (3.5')	141 S1+	79
880-10173-24	CS-24 (2.5')	100	83
880-10173-25	CS-25 (2.5')	118	114
880-10173-26	CS-26 (2.5')	130	133 S1+
880-10173-27	CS-27 (2.5')	125	98
880-10173-28	CS-28 (2.5')	141 S1+	74
880-10173-29	CS-29 (2.5')	128	120
880-10173-30	CS-30 (2.5')	104	162 S1+
880-10173-31	CS-31 (2.5')	165 S1+	78
880-10173-32	CS-32 (2.5')	152 S1+	83
880-10173-33	CS-33 (2.5')	111	250 S1+
880-10173-34	CS-34 (2.5')	123	559 S1+
880-10173-35	CS-35 (2.5')	128	206 S1+
880-10173-36	CS-36 (2.5')	117	459 S1+
880-10173-37	CS-37 (2.5')	164 S1+	71
880-10173-38	CS-38 (2.5')	140 S1+	128
880-10173-39	CS-39 (2.5')	122	432 S1+
880-10173-40	CS-40 (2.5')	110	523 S1+
880-10173-41	CS-41 (2.5')	153 S1+	99
880-10173-41 MS	CS-41 (2.5')	120	177 S1+
880-10173-41 MSD	CS-41 (2.5')	170 S1+	192 S1+
880-10173-42	CS-42 (2.5')	115	126
880-10173-43	CS-43 (2.5')	148 S1+	111

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Surrogate Summary

Client: NT Global

Job ID: 880-10173-1

Project/Site: Vaca Draw SWD #1

SDG: Lea County NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-10173-44	CS-44 (2.5')	130	101
880-10173-45	CS-45 (2.5')	118	145 S1+
880-10173-46	CS-46 (2.5')	201 S1+	95
880-10173-47	CS-47 (2.5')	126	574 S1+
880-10173-48	CS-48 (2.5')	124	658 S1+
880-10173-49	CS-49 (2.5')	124	197 S1+
880-10173-50	CS-50 (2.5')	113	115
880-10173-51	CS-51 (2.5')	293 S1+	84
880-10173-52	CS-52 (2.5')	117	129
880-10173-53	CS-53 (2.5')	282 S1+	107
880-10173-54	CS-54 (2.5')	222 S1+	116
880-10173-55	CS-55 (2.5')	381 S1+	124
880-10173-56	CS-56 (2.5')	502 S1+	76
880-10173-57	CS-57 (2.5')	464 S1+	94
880-10173-58	CS-58 (2.5')	781 S1+	74
880-10173-59	CS-59 (2.5')	72	88
880-10173-60	SW-1	21 S1-	88
880-10173-61	SW-2	114	97
880-10173-61 MS	SW-2	109	97
880-10173-61 MSD	SW-2	106	107
880-10173-62	SW-3	150 S1+	97
880-10173-63	SW-4	84	102
880-10173-64	SW-5	118	88
880-10173-65	SW-6	109	95
880-10173-66	SW-7	135 S1+	129
880-10173-67	SW-8	98	87
880-10173-68	SW-9	105	85
880-10173-69	SW-10	123	95
880-10173-70	SW-11	136 S1+	104
880-10173-71	SW-12	198 S1+	71
880-10173-71 MS	SW-12	218 S1+	157 S1+
880-10173-71 MSD	SW-12	83	88
880-10173-72	SW-13	458 S1+	116
880-10173-73	SW-14	92	117
880-10173-74	SW-15	111	120
880-10173-75	SW-16	121	76
880-10173-76	SW-17	109	140 S1+
880-10173-77	SW-18	79	119
880-10173-78	SW-19	80	110
880-10173-79	SW-20	71	79
880-10173-80	SW-21	98	82
LCS 880-16730/1-A	Lab Control Sample	102	91
LCS 880-16731/1-A	Lab Control Sample	100	107
LCS 880-16732/1-A	Lab Control Sample	112	72
LCS 880-16733/1-A	Lab Control Sample	132 S1+	97
LCS 880-16808/1-A	Lab Control Sample	88	95
LCSD 880-16730/2-A	Lab Control Sample Dup	108	99
LCSD 880-16731/2-A	Lab Control Sample Dup	106	104
LCSD 880-16732/2-A	Lab Control Sample Dup	111	82
LCSD 880-16733/2-A	Lab Control Sample Dup	128	124

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Surrogate Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-16808/2-A	Lab Control Sample Dup	95	75
MB 880-16730/5-A	Method Blank	118	99
MB 880-16731/5-A	Method Blank	100	98
MB 880-16732/5-A	Method Blank	80	406 S1+
MB 880-16736/39	Method Blank	120	587 S1+
MB 880-16808/5-A	Method Blank	112	89
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 (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-10173-1	CS-1 (4')	85	86
880-10173-1 MS	CS-1 (4')	80	83
880-10173-1 MSD	CS-1 (4')	85	86
880-10173-2	CS-2 (4')	86	87
880-10173-3	CS-3 (4')	89	90
880-10173-4	CS-4 (4')	93	95
880-10173-5	CS-5 (4')	92	93
880-10173-6	CS-6 (7')	91	91
880-10173-7	CS-7 (7')	89	91
880-10173-8	CS-8 (7')	94	95
880-10173-9	CS-9 (7')	89	92
880-10173-10	CS-10 (7')	88	89
880-10173-11	CS-11 (7')	94	96
880-10173-12	CS-12 (7')	89	91
880-10173-13	CS-13 (7')	96	97
880-10173-14	CS-14 (7')	91	92
880-10173-15	CS-15 (7')	95	98
880-10173-16	CS-16 (7')	96	99
880-10173-17	CS-17 (7')	91	94
880-10173-18	CS-18 (7')	93	93
880-10173-19	CS-19 (7')	95	97
880-10173-20	CS-20 (3.5')	93	93
880-10173-21	CS-21 (3.5')	61 S1-	64 S1-
880-10173-21 MS	CS-21 (3.5')	62 S1-	56 S1-
880-10173-21 MSD	CS-21 (3.5')	61 S1-	56 S1-
880-10173-22	CS-22 (3.5')	68 S1-	70
880-10173-23	CS-23 (3.5')	62 S1-	63 S1-
880-10173-24	CS-24 (2.5')	66 S1-	69 S1-
880-10173-25	CS-25 (2.5')	62 S1-	63 S1-
880-10173-26	CS-26 (2.5')	64 S1-	66 S1-
880-10173-27	CS-27 (2.5')	60 S1-	61 S1-
880-10173-28	CS-28 (2.5')	63 S1-	65 S1-
880-10173-29	CS-29 (2.5')	63 S1-	65 S1-
880-10173-30	CS-30 (2.5')	80	84

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Surrogate Summary

Client: NT Global

Job ID: 880-10173-1

Project/Site: Vaca Draw SWD #1

SDG: Lea County NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-10173-31	CS-31 (2.5')	62 S1-	65 S1-
880-10173-32	CS-32 (2.5')	73	77
880-10173-33	CS-33 (2.5')	68 S1-	72
880-10173-34	CS-34 (2.5')	64 S1-	67 S1-
880-10173-35	CS-35 (2.5')	63 S1-	65 S1-
880-10173-36	CS-36 (2.5')	63 S1-	63 S1-
880-10173-37	CS-37 (2.5')	66 S1-	67 S1-
880-10173-38	CS-38 (2.5')	65 S1-	65 S1-
880-10173-39	CS-39 (2.5')	64 S1-	65 S1-
880-10173-40	CS-40 (2.5')	65 S1-	65 S1-
880-10173-41	CS-41 (2.5')	69 S1-	78
880-10173-41 MS	CS-41 (2.5')	66 S1-	65 S1-
880-10173-41 MSD	CS-41 (2.5')	64 S1-	64 S1-
880-10173-42	CS-42 (2.5')	65 S1-	73
880-10173-43	CS-43 (2.5')	67 S1-	75
880-10173-44	CS-44 (2.5')	66 S1-	73
880-10173-45	CS-45 (2.5')	67 S1-	74
880-10173-46	CS-46 (2.5')	69 S1-	76
880-10173-47	CS-47 (2.5')	69 S1-	76
880-10173-48	CS-48 (2.5')	64 S1-	71
880-10173-49	CS-49 (2.5')	67 S1-	74
880-10173-50	CS-50 (2.5')	74	82
880-10173-51	CS-51 (2.5')	68 S1-	77
880-10173-52	CS-52 (2.5')	72	79
880-10173-53	CS-53 (2.5')	65 S1-	72
880-10173-54	CS-54 (2.5')	69 S1-	78
880-10173-55	CS-55 (2.5')	64 S1-	74
880-10173-56	CS-56 (2.5')	69 S1-	80
880-10173-57	CS-57 (2.5')	72	80
880-10173-58	CS-58 (2.5')	71	78
880-10173-59	CS-59 (2.5')	70	80
880-10173-60	SW-1	70	77
880-10173-61	SW-2	104	104
880-10173-61 MS	SW-2	85	89
880-10173-61 MSD	SW-2	84	86
880-10173-62	SW-3	94	95
880-10173-63	SW-4	102	103
880-10173-64	SW-5	83	84
880-10173-65	SW-6	90	90
880-10173-66	SW-7	87	87
880-10173-67	SW-8	84	85
880-10173-68	SW-9	89	93
880-10173-69	SW-10	93	91
880-10173-70	SW-11	86	86
880-10173-71	SW-12	89	87
880-10173-72	SW-13	91	91
880-10173-73	SW-14	101	101
880-10173-74	SW-15	110	102
880-10173-75	SW-16	89	87
880-10173-76	SW-17	96	93

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Surrogate Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-10173-77	SW-18	88	87
880-10173-78	SW-19	79	77
880-10173-79	SW-20	96	93
880-10173-80	SW-21	86	86
LCS 880-16675/2-A	Lab Control Sample	85	92
LCS 880-16678/2-A	Lab Control Sample	104	102
LCSD 880-16675/3-A	Lab Control Sample Dup	84	90
LCSD 880-16678/3-A	Lab Control Sample Dup	94	95
MB 880-16675/1-A	Method Blank	68 S1-	83
MB 880-16678/1-A	Method Blank	69 S1-	75
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-16713/2-A	Lab Control Sample	106	110
LCS 880-16745/2-A	Lab Control Sample	107	109
LCSD 880-16713/3-A	Lab Control Sample Dup	111	111
LCSD 880-16745/3-A	Lab Control Sample Dup	109	107
MB 880-16713/1-A	Method Blank	97	104
MB 880-16745/1-A	Method Blank	103	109
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-16730/5-A

Matrix: Solid

Analysis Batch: 16738

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16730

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 15:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 15:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 15:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/13/22 11:00	01/13/22 15:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/13/22 15:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/13/22 11:00	01/13/22 15:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	01/13/22 11:00	01/13/22 15:48	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/13/22 11:00	01/13/22 15:48	1

Lab Sample ID: LCS 880-16730/1-A

Matrix: Solid

Analysis Batch: 16738

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16730

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07943		mg/Kg		79	70 - 130
Toluene	0.100	0.08810		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09167		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1739		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08607		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-16730/2-A

Matrix: Solid

Analysis Batch: 16738

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16730

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09395		mg/Kg		94	70 - 130	17	35
Toluene	0.100	0.1029		mg/Kg		103	70 - 130	15	35
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.2009		mg/Kg		100	70 - 130	14	35
o-Xylene	0.100	0.09843		mg/Kg		98	70 - 130	13	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-10173-1 MS

Matrix: Solid

Analysis Batch: 16738

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 16730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0998	0.07346		mg/Kg		74	70 - 130
Toluene	<0.00200	U	0.0998	0.07954		mg/Kg		80	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: 880-10173-1 MS

Matrix: Solid

Analysis Batch: 16738

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 16730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U	0.0998	0.07974		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1530		mg/Kg		77	70 - 130
o-Xylene	<0.00200	U	0.0998	0.08319		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-10173-1 MSD

Matrix: Solid

Analysis Batch: 16738

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 16730

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.08206		mg/Kg		83	70 - 130	11	35
Toluene	<0.00200	U	0.0994	0.07339		mg/Kg		74	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.0994	0.09199		mg/Kg		93	70 - 130	14	35
m-Xylene & p-Xylene	<0.00400	U	0.199	0.1468		mg/Kg		74	70 - 130	4	35
o-Xylene	<0.00200	U	0.0994	0.08628		mg/Kg		87	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-16731/5-A

Matrix: Solid

Analysis Batch: 16809

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16731

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 10:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 10:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 10:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/13/22 11:00	01/14/22 10:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 11:00	01/14/22 10:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/13/22 11:00	01/14/22 10:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/13/22 11:00	01/14/22 10:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/13/22 11:00	01/14/22 10:36	1

Lab Sample ID: LCS 880-16731/1-A

Matrix: Solid

Analysis Batch: 16809

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16731

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08796		mg/Kg		88	70 - 130
Toluene	0.100	0.07568		mg/Kg		76	70 - 130
Ethylbenzene	0.100	0.07869		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1620		mg/Kg		81	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-16731/1-A

Matrix: Solid

Analysis Batch: 16809

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16731

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.07612		mg/Kg		76	70 - 130

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

Lab Sample ID: LCSD 880-16731/2-A

Matrix: Solid

Analysis Batch: 16809

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16731

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08855		mg/Kg		89	70 - 130	1	35
Toluene	0.100	0.07522		mg/Kg		75	70 - 130	1	35
Ethylbenzene	0.100	0.07865		mg/Kg		79	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1614		mg/Kg		81	70 - 130	0	35
o-Xylene	0.100	0.08275		mg/Kg		83	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-10173-61 MS

Matrix: Solid

Analysis Batch: 16809

Client Sample ID: SW-2

Prep Type: Total/NA

Prep Batch: 16731

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.0996	0.09690		mg/Kg		97	70 - 130
Toluene	<0.00199	U	0.0996	0.08816		mg/Kg		87	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.09067		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1876		mg/Kg		94	70 - 130
o-Xylene	<0.00199	U	0.0996	0.09180		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-10173-61 MSD

Matrix: Solid

Analysis Batch: 16809

Client Sample ID: SW-2

Prep Type: Total/NA

Prep Batch: 16731

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09933		mg/Kg		99	70 - 130	2	35
Toluene	<0.00199	U	0.100	0.08934		mg/Kg		88	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.100	0.09031		mg/Kg		90	70 - 130	0	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1874		mg/Kg		94	70 - 130	0	35
o-Xylene	<0.00199	U	0.100	0.09089		mg/Kg		90	70 - 130	1	35

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: 880-10173-61 MSD

Matrix: Solid

Analysis Batch: 16809

Client Sample ID: SW-2

Prep Type: Total/NA

Prep Batch: 16731

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-16732/5-A

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16732

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/22 09:39	01/13/22 15:17	1	
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/22 09:39	01/13/22 15:17	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/22 09:39	01/13/22 15:17	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/13/22 09:39	01/13/22 15:17	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/22 09:39	01/13/22 15:17	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/13/22 09:39	01/13/22 15:17	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				01/13/22 09:39	01/13/22 15:17	1	
1,4-Difluorobenzene (Surr)	406	S1+	70 - 130				01/13/22 09:39	01/13/22 15:17	1	

Lab Sample ID: LCS 880-16732/1-A

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16732

	Spike	LCS	LCS						%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09686		mg/Kg		97	70 - 130			
Toluene	0.100	0.1056		mg/Kg		106	70 - 130			
Ethylbenzene	0.100	0.09595		mg/Kg		96	70 - 130			
m-Xylene & p-Xylene	0.200	0.2046		mg/Kg		102	70 - 130			
o-Xylene	0.100	0.1058		mg/Kg		106	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	112		70 - 130							
1,4-Difluorobenzene (Surr)	72		70 - 130							

Lab Sample ID: LCSD 880-16732/2-A

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16732

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.1204		mg/Kg		120	70 - 130	22	35
Toluene			0.100	0.1165		mg/Kg		116	70 - 130	10	35
Ethylbenzene			0.100	0.1128		mg/Kg		113	70 - 130	16	35
m-Xylene & p-Xylene			0.200	0.2286		mg/Kg		114	70 - 130	11	35
o-Xylene			0.100	0.1177		mg/Kg		118	70 - 130	11	35
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	111		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-16732/2-A

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16732

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

Lab Sample ID: 880-10173-21 MS

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: CS-21 (3.5')

Prep Type: Total/NA

Prep Batch: 16732

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0998	0.09622		mg/Kg		96	70 - 130	
Toluene	<0.00200	U	0.0998	0.07432		mg/Kg		74	70 - 130	
Ethylbenzene	<0.00200	U	0.0998	0.07788		mg/Kg		78	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1511		mg/Kg		76	70 - 130	
o-Xylene	<0.00200	U	0.0998	0.09083		mg/Kg		91	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: 880-10173-21 MSD

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: CS-21 (3.5')

Prep Type: Total/NA

Prep Batch: 16732

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U	0.0994	0.09193		mg/Kg		92	70 - 130	5	35	
Toluene	<0.00200	U	0.0994	0.08647		mg/Kg		87	70 - 130	15	35	
Ethylbenzene	<0.00200	U	0.0994	0.08497		mg/Kg		85	70 - 130	9	35	
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1668		mg/Kg		84	70 - 130	10	35	
o-Xylene	<0.00200	U	0.0994	0.09025		mg/Kg		91	70 - 130	1	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	22	S1-	70 - 130

Lab Sample ID: LCS 880-16733/1-A

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16733

		Spike	LCS	LCS					%Rec.	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene		0.100	0.1135		mg/Kg		114	70 - 130		
Toluene		0.100	0.1017		mg/Kg		102	70 - 130		
Ethylbenzene		0.100	0.09531		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene		0.200	0.1911		mg/Kg		96	70 - 130		
o-Xylene		0.100	0.1048		mg/Kg		105	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-16733/2-A

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16733

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1234		mg/Kg		123	70 - 130	8	35
Toluene	0.100	0.1091		mg/Kg		109	70 - 130	7	35
Ethylbenzene	0.100	0.1041		mg/Kg		104	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2087		mg/Kg		104	70 - 130	9	35
o-Xylene	0.100	0.1132		mg/Kg		113	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	124		70 - 130

Lab Sample ID: 880-10173-41 MS

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: CS-41 (2.5')

Prep Type: Total/NA

Prep Batch: 16733

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00202	U F2 F1	0.100	0.01802	F1	mg/Kg		18	70 - 130		
Toluene	<0.00202	U F2 F1	0.100	0.01369	F1	mg/Kg		14	70 - 130		
Ethylbenzene	<0.00202	U F2 F1	0.100	0.01913	F1	mg/Kg		19	70 - 130		
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.201	0.03771	F1	mg/Kg		19	70 - 130		
o-Xylene	<0.00202	U F2 F1	0.100	0.02603	F1	mg/Kg		26	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	177	S1+	70 - 130

Lab Sample ID: 880-10173-41 MSD

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: CS-41 (2.5')

Prep Type: Total/NA

Prep Batch: 16733

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00202	U F2 F1	0.0996	0.07318	F2	mg/Kg		73	70 - 130	121	35
Toluene	<0.00202	U F2 F1	0.0996	0.05763	F2 F1	mg/Kg		58	70 - 130	123	35
Ethylbenzene	<0.00202	U F2 F1	0.0996	0.06257	F2 F1	mg/Kg		63	70 - 130	106	35
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.199	0.1189	F2 F1	mg/Kg		60	70 - 130	104	35
o-Xylene	<0.00202	U F2 F1	0.0996	0.07272	F2	mg/Kg		73	70 - 130	95	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130
1,4-Difluorobenzene (Surr)	192	S1+	70 - 130

Lab Sample ID: MB 880-16736/39

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			01/14/22 05:35	1
Toluene	<0.00200	U	0.00200		mg/Kg			01/14/22 05:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			01/14/22 05:35	1

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-16736/39

Matrix: Solid

Analysis Batch: 16736

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			01/14/22 05:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			01/14/22 05:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			01/14/22 05:35	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	120		70 - 130		01/14/22 05:35	1
1,4-Difluorobenzene (Surr)	587	S1+	70 - 130		01/14/22 05:35	1

Lab Sample ID: MB 880-16808/5-A

Matrix: Solid

Analysis Batch: 16810

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16808

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 10:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 10:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 10:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/14/22 07:28	01/14/22 10:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/22 07:28	01/14/22 10:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/14/22 07:28	01/14/22 10:37	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	112		70 - 130	01/14/22 07:28	01/14/22 10:37	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/14/22 07:28	01/14/22 10:37	1

Lab Sample ID: LCS 880-16808/1-A

Matrix: Solid

Analysis Batch: 16810

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16808

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08968		mg/Kg		90	70 - 130
Toluene	0.100	0.08723		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.07277		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	0.200	0.1445		mg/Kg		72	70 - 130
o-Xylene	0.100	0.07291		mg/Kg		73	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-16808/2-A

Matrix: Solid

Analysis Batch: 16810

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16808

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.06982		mg/Kg		70	70 - 130	25	35
Toluene	0.100	0.07308		mg/Kg		73	70 - 130	18	35
Ethylbenzene	0.100	0.08227		mg/Kg		82	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1731		mg/Kg		87	70 - 130	18	35

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-16808/2-A

Matrix: Solid

Analysis Batch: 16810

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16808

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Xylene	0.100	0.09728		mg/Kg		97	70 - 130	29	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	95		70 - 130						
1,4-Difluorobenzene (Surr)	75		70 - 130						

Lab Sample ID: 880-10173-71 MS

Matrix: Solid

Analysis Batch: 16810

Client Sample ID: SW-12

Prep Type: Total/NA

Prep Batch: 16808

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0996	0.1283		mg/Kg		129	70 - 130		
Toluene	<0.00199	U F2	0.0996	0.1254		mg/Kg		126	70 - 130		
Ethylbenzene	<0.00199	U F1 F2	0.0996	0.1998	F1	mg/Kg		201	70 - 130		
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.199	0.4499	F1	mg/Kg		226	70 - 130		
o-Xylene	<0.00199	U F1 F2	0.0996	0.2197	F1	mg/Kg		221	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	218	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	157	S1+	70 - 130								

Lab Sample ID: 880-10173-71 MSD

Matrix: Solid

Analysis Batch: 16810

Client Sample ID: SW-12

Prep Type: Total/NA

Prep Batch: 16808

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09503		mg/Kg		95	70 - 130	30	35
Toluene	<0.00199	U F2	0.100	0.08655	F2	mg/Kg		87	70 - 130	37	35
Ethylbenzene	<0.00199	U F1 F2	0.100	0.08313	F2	mg/Kg		83	70 - 130	82	35
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.200	0.1590	F2	mg/Kg		80	70 - 130	96	35
o-Xylene	<0.00199	U F1 F2	0.100	0.07991	F2	mg/Kg		80	70 - 130	93	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	83		70 - 130								
1,4-Difluorobenzene (Surr)	88		70 - 130								

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

Lab Sample ID: MB 880-16675/1-A

Matrix: Solid

Analysis Batch: 16702

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/12/22 14:22	01/13/22 09:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/12/22 14:22	01/13/22 09:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/12/22 14:22	01/13/22 09:25	1

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-16675/1-A

Matrix: Solid

Analysis Batch: 16702

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16675

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	68	S1-	70 - 130	01/12/22 14:22	01/13/22 09:25	1				
o-Terphenyl	83		70 - 130	01/12/22 14:22	01/13/22 09:25	1				

Lab Sample ID: LCS 880-16675/2-A

Matrix: Solid

Analysis Batch: 16702

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16675

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	680.6	*-	mg/Kg		68	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	840.0		mg/Kg		84	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
o-Terphenyl	92		70 - 130								

Lab Sample ID: LCSD 880-16675/3-A

Matrix: Solid

Analysis Batch: 16702

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16675

			Spike	LCSD	LCSD				%Rec.		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	665.5	*-	mg/Kg		67	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)			1000	825.6		mg/Kg		83	70 - 130	2	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	84		70 - 130									
o-Terphenyl	90		70 - 130									

Lab Sample ID: 880-10173-41 MS

Matrix: Solid

Analysis Batch: 16702

Client Sample ID: CS-41 (2.5')

Prep Type: Total/NA

Prep Batch: 16675

	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	807.6		mg/Kg		81	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U	996	991.6		mg/Kg		98	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	66	S1-	70 - 130									
o-Terphenyl	65	S1-	70 - 130									

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: 880-10173-41 MSD

Matrix: Solid

Analysis Batch: 16702

Client Sample ID: CS-41 (2.5')

Prep Type: Total/NA

Prep Batch: 16675

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	999	812.6		mg/Kg		81	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	976.8		mg/Kg		96	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	64	S1-	70 - 130								
o-Terphenyl	64	S1-	70 - 130								

Lab Sample ID: MB 880-16678/1-A

Matrix: Solid

Analysis Batch: 16700

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16678

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/12/22 14:27	01/13/22 09:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/12/22 14:27	01/13/22 09:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/12/22 14:27	01/13/22 09:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				01/12/22 14:27	01/13/22 09:25	1
o-Terphenyl	75		70 - 130				01/12/22 14:27	01/13/22 09:25	1

Lab Sample ID: LCS 880-16678/2-A

Matrix: Solid

Analysis Batch: 16700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16678

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	854.7		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	966.1		mg/Kg		97	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	104		70 - 130						
o-Terphenyl	102		70 - 130						

Lab Sample ID: LCSD 880-16678/3-A

Matrix: Solid

Analysis Batch: 16700

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16678

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	804.7		mg/Kg		80	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	899.1		mg/Kg		90	70 - 130	7	20

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-16678/3-A

Matrix: Solid

Analysis Batch: 16700

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16678

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: 880-10173-21 MS

Matrix: Solid

Analysis Batch: 16700

Client Sample ID: CS-21 (3.5')

Prep Type: Total/NA

Prep Batch: 16678

	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	831.6		mg/Kg		83	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	996	853.7		mg/Kg		84	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	62	S1-	70 - 130							
o-Terphenyl	56	S1-	70 - 130							

Lab Sample ID: 880-10173-21 MSD

Matrix: Solid

Analysis Batch: 16700

Client Sample ID: CS-21 (3.5')

Prep Type: Total/NA

Prep Batch: 16678

	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	999	790.9		mg/Kg		79	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	859.6		mg/Kg		84	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	61	S1-	70 - 130									
o-Terphenyl	56	S1-	70 - 130									

Lab Sample ID: MB 880-16713/1-A

Matrix: Solid

Analysis Batch: 16699

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16713

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 09:07	01/13/22 09:29	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 09:07	01/13/22 09:29	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 09:07	01/13/22 09:29	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	97		70 - 130				01/13/22 09:07	01/13/22 09:29	1		
o-Terphenyl	104		70 - 130				01/13/22 09:07	01/13/22 09:29	1		

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-16713/2-A

Matrix: Solid

Analysis Batch: 16699

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16713

Analyte			Spike	LCS	LCS	Unit	D	%Rec.		
			Added	Result	Qualifier			%Rec		
Gasoline Range Organics (GRO)-C6-C10			1000	878.8		mg/Kg		88	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1048		mg/Kg		105	70 - 130	

Lab Sample ID: LCSD 880-16713/3-A

Matrix: Solid

Analysis Batch: 16699

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16713

Top Bottom Not											
Analyte				Spike	LCSD	LCSD				%Rec.	RPD
				Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD
Gasoline Range Organics (GRO)-C6-C10				1000	893.3		mg/Kg		89	70 - 130	2
Diesel Range Organics (Over C10-C28)				1000	1034		mg/Kg		103	70 - 130	1
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
1-Chlorooctane	111		70 - 130								
o-Terphenyl	111		70 - 130								

Lab Sample ID: 880-10173-1 MS

Matrix: Solid

Analysis Batch: 16699

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 16713

	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	1097		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1109		mg/Kg		111	70 - 130		
		</									

Lab Sample ID: 880-10173-1 MSD

Matrix: Solid

Analysis Batch: 16699

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 16713

	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	999	1172		mg/Kg		115	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1173		mg/Kg		117	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	85		70 - 130								

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: 880-10173-1 MSD

Matrix: Solid

Analysis Batch: 16699

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 16713

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	86		70 - 130

Lab Sample ID: MB 880-16745/1-A

Matrix: Solid

Analysis Batch: 16699

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16745

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 19:04	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 19:04	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/22 10:46	01/13/22 19:04	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	103		70 - 130				01/13/22 10:46	01/13/22 19:04	1	
<i>o</i> -Terphenyl	109		70 - 130				01/13/22 10:46	01/13/22 19:04	1	

Lab Sample ID: LCS 880-16745/2-A

Matrix: Solid

Analysis Batch: 16699

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16745

		Spike	LCS	LCS				%Rec.		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	876.6		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1041		mg/Kg		104	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	107		70 - 130							
<i>o</i> -Terphenyl	109		70 - 130							

Lab Sample ID: LCSD 880-16745/3-A

Matrix: Solid

Analysis Batch: 16699

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16745

			Spike	LCSD	LCSD				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	881.1		mg/Kg		88	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1013		mg/Kg		101	70 - 130	3	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	109		70 - 130								
o-Terphenyl	107		70 - 130								

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

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

Lab Sample ID: 880-10173-61 MS

Matrix: Solid

Analysis Batch: 16699

Client Sample ID: SW-2

Prep Type: Total/NA

Prep Batch: 16745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1139		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1173		mg/Kg		118	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	85		70 - 130						
o-Terphenyl	89		70 - 130						

Lab Sample ID: 880-10173-61 MSD

Matrix: Solid

Analysis Batch: 16699

Client Sample ID: SW-2

Prep Type: Total/NA

Prep Batch: 16745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1150		mg/Kg		113	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1158		mg/Kg		116	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	84		70 - 130								
o-Terphenyl	86		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-16747/1-A

Matrix: Solid

Analysis Batch: 16799

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 03:51	1

Lab Sample ID: LCS 880-16747/2-A

Matrix: Solid

Analysis Batch: 16799

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	272.6		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-16747/3-A

Matrix: Solid

Analysis Batch: 16799

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	274.1		mg/Kg		110	90 - 110	1	20

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-10173-21 MS

Matrix: Solid

Analysis Batch: 16799

Client Sample ID: CS-21 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	<4.99	U F1	250	324.0	F1	mg/Kg		128	90 - 110		

Lab Sample ID: 880-10173-21 MSD

Matrix: Solid

Analysis Batch: 16799

Client Sample ID: CS-21 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<4.99	U F1	250	298.7	F1	mg/Kg		118	90 - 110	8	20

Lab Sample ID: 880-10173-31 MS

Matrix: Solid

Analysis Batch: 16799

Client Sample ID: CS-31 (2.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	<4.98	U F1	249	304.5	F1	mg/Kg		121	90 - 110		

Lab Sample ID: 880-10173-31 MSD

Matrix: Solid

Analysis Batch: 16799

Client Sample ID: CS-31 (2.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<4.98	U F1	249	291.8	F1	mg/Kg		116	90 - 110	4	20

Lab Sample ID: MB 880-16634/1-A

Matrix: Solid

Analysis Batch: 16800

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 02:47	1

Lab Sample ID: LCS 880-16634/2-A

Matrix: Solid

Analysis Batch: 16800

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	250	274.7		mg/Kg		110	90 - 110		

Lab Sample ID: LCSD 880-16634/3-A

Matrix: Solid

Analysis Batch: 16800

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	263.2		mg/Kg		105	90 - 110	4	20

Lab Sample ID: 880-10173-1 MS

Matrix: Solid

Analysis Batch: 16800

Client Sample ID: CS-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	<4.98	U F1	249	300.4	F1	mg/Kg		120	90 - 110		

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-10173-1 MSD

Matrix: Solid

Analysis Batch: 16800

Client Sample ID: CS-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<4.98	U F1	249	286.1	F1	mg/Kg		114	90 - 110	5	20

Lab Sample ID: 880-10173-11 MS

Matrix: Solid

Analysis Batch: 16800

Client Sample ID: CS-11 (7')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	<4.99	U F1	250	279.2	F1	mg/Kg		111	90 - 110		

Lab Sample ID: 880-10173-11 MSD

Matrix: Solid

Analysis Batch: 16800

Client Sample ID: CS-11 (7')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<4.99	U F1	250	284.9	F1	mg/Kg		114	90 - 110	2	20

Lab Sample ID: MB 880-16749/1-A

Matrix: Solid

Analysis Batch: 16801

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/14/22 12:08	1

Lab Sample ID: LCS 880-16749/2-A

Matrix: Solid

Analysis Batch: 16801

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	250	273.2		mg/Kg		109	90 - 110		

Lab Sample ID: LCSD 880-16749/3-A

Matrix: Solid

Analysis Batch: 16801

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	273.3		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-10173-41 MS

Matrix: Solid

Analysis Batch: 16801

Client Sample ID: CS-41 (2.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	10.9		248	275.0		mg/Kg		107	90 - 110		

Lab Sample ID: 880-10173-41 MSD

Matrix: Solid

Analysis Batch: 16801

Client Sample ID: CS-41 (2.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.9		248	273.5		mg/Kg		106	90 - 110	1	20

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-10173-51 MS

Matrix: Solid

Analysis Batch: 16801

Client Sample ID: CS-51 (2.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<5.00	U F1	250	295.3	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-10173-51 MSD

Matrix: Solid

Analysis Batch: 16801

Client Sample ID: CS-51 (2.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<5.00	U F1	250	289.1	F1	mg/Kg		114	90 - 110	2	20

Lab Sample ID: MB 880-16750/1-A

Matrix: Solid

Analysis Batch: 16802

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/13/22 18:05	1

Lab Sample ID: LCS 880-16750/2-A

Matrix: Solid

Analysis Batch: 16802

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	257.0		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-16750/3-A

Matrix: Solid

Analysis Batch: 16802

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	256.6		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-10173-61 MS

Matrix: Solid

Analysis Batch: 16802

Client Sample ID: SW-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7.04		249	263.2		mg/Kg		103	90 - 110

Lab Sample ID: 880-10173-61 MSD

Matrix: Solid

Analysis Batch: 16802

Client Sample ID: SW-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7.04		249	266.1		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-10173-71 MS

Matrix: Solid

Analysis Batch: 16802

Client Sample ID: SW-12

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<4.95	U	248	269.2		mg/Kg		107	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-10173-71 MSD

Client Sample ID: SW-12

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 16802

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<4.95	U	252	280.3		mg/Kg		110	90 - 110	4	20

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC VOA

Prep Batch: 16730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-1	CS-1 (4')	Total/NA	Solid	5035	
880-10173-2	CS-2 (4')	Total/NA	Solid	5035	
880-10173-3	CS-3 (4')	Total/NA	Solid	5035	
880-10173-4	CS-4 (4')	Total/NA	Solid	5035	
880-10173-5	CS-5 (4')	Total/NA	Solid	5035	
880-10173-6	CS-6 (7')	Total/NA	Solid	5035	
880-10173-7	CS-7 (7')	Total/NA	Solid	5035	
880-10173-8	CS-8 (7')	Total/NA	Solid	5035	
880-10173-9	CS-9 (7')	Total/NA	Solid	5035	
880-10173-10	CS-10 (7')	Total/NA	Solid	5035	
880-10173-11	CS-11 (7')	Total/NA	Solid	5035	
880-10173-12	CS-12 (7')	Total/NA	Solid	5035	
880-10173-13	CS-13 (7')	Total/NA	Solid	5035	
880-10173-14	CS-14 (7')	Total/NA	Solid	5035	
880-10173-15	CS-15 (7')	Total/NA	Solid	5035	
880-10173-16	CS-16 (7')	Total/NA	Solid	5035	
880-10173-17	CS-17 (7')	Total/NA	Solid	5035	
880-10173-18	CS-18 (7')	Total/NA	Solid	5035	
880-10173-19	CS-19 (7')	Total/NA	Solid	5035	
880-10173-20	CS-20 (3.5')	Total/NA	Solid	5035	
MB 880-16730/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16730/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16730/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10173-1 MS	CS-1 (4')	Total/NA	Solid	5035	
880-10173-1 MSD	CS-1 (4')	Total/NA	Solid	5035	

Prep Batch: 16731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-61	SW-2	Total/NA	Solid	5035	
880-10173-62	SW-3	Total/NA	Solid	5035	
880-10173-63	SW-4	Total/NA	Solid	5035	
880-10173-64	SW-5	Total/NA	Solid	5035	
880-10173-65	SW-6	Total/NA	Solid	5035	
880-10173-66	SW-7	Total/NA	Solid	5035	
880-10173-67	SW-8	Total/NA	Solid	5035	
880-10173-68	SW-9	Total/NA	Solid	5035	
880-10173-69	SW-10	Total/NA	Solid	5035	
880-10173-70	SW-11	Total/NA	Solid	5035	
MB 880-16731/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16731/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16731/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10173-61 MS	SW-2	Total/NA	Solid	5035	
880-10173-61 MSD	SW-2	Total/NA	Solid	5035	

Prep Batch: 16732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-21	CS-21 (3.5')	Total/NA	Solid	5035	
880-10173-22	CS-22 (3.5')	Total/NA	Solid	5035	
880-10173-23	CS-23 (3.5')	Total/NA	Solid	5035	
880-10173-24	CS-24 (2.5')	Total/NA	Solid	5035	
880-10173-25	CS-25 (2.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC VOA (Continued)

Prep Batch: 16732 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-26	CS-26 (2.5')	Total/NA	Solid	5035	
880-10173-27	CS-27 (2.5')	Total/NA	Solid	5035	
880-10173-28	CS-28 (2.5')	Total/NA	Solid	5035	
880-10173-29	CS-29 (2.5')	Total/NA	Solid	5035	
880-10173-30	CS-30 (2.5')	Total/NA	Solid	5035	
880-10173-31	CS-31 (2.5')	Total/NA	Solid	5035	
880-10173-32	CS-32 (2.5')	Total/NA	Solid	5035	
880-10173-33	CS-33 (2.5')	Total/NA	Solid	5035	
880-10173-34	CS-34 (2.5')	Total/NA	Solid	5035	
880-10173-35	CS-35 (2.5')	Total/NA	Solid	5035	
880-10173-36	CS-36 (2.5')	Total/NA	Solid	5035	
880-10173-37	CS-37 (2.5')	Total/NA	Solid	5035	
880-10173-38	CS-38 (2.5')	Total/NA	Solid	5035	
880-10173-39	CS-39 (2.5')	Total/NA	Solid	5035	
880-10173-40	CS-40 (2.5')	Total/NA	Solid	5035	
MB 880-16732/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16732/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16732/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10173-21 MS	CS-21 (3.5')	Total/NA	Solid	5035	
880-10173-21 MSD	CS-21 (3.5')	Total/NA	Solid	5035	

Prep Batch: 16733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-41	CS-41 (2.5')	Total/NA	Solid	5035	
880-10173-42	CS-42 (2.5')	Total/NA	Solid	5035	
880-10173-43	CS-43 (2.5')	Total/NA	Solid	5035	
880-10173-44	CS-44 (2.5')	Total/NA	Solid	5035	
880-10173-45	CS-45 (2.5')	Total/NA	Solid	5035	
880-10173-46	CS-46 (2.5')	Total/NA	Solid	5035	
880-10173-47	CS-47 (2.5')	Total/NA	Solid	5035	
880-10173-48	CS-48 (2.5')	Total/NA	Solid	5035	
880-10173-49	CS-49 (2.5')	Total/NA	Solid	5035	
880-10173-50	CS-50 (2.5')	Total/NA	Solid	5035	
880-10173-51	CS-51 (2.5')	Total/NA	Solid	5035	
880-10173-52	CS-52 (2.5')	Total/NA	Solid	5035	
880-10173-53	CS-53 (2.5')	Total/NA	Solid	5035	
880-10173-54	CS-54 (2.5')	Total/NA	Solid	5035	
880-10173-55	CS-55 (2.5')	Total/NA	Solid	5035	
880-10173-56	CS-56 (2.5')	Total/NA	Solid	5035	
880-10173-57	CS-57 (2.5')	Total/NA	Solid	5035	
880-10173-58	CS-58 (2.5')	Total/NA	Solid	5035	
880-10173-59	CS-59 (2.5')	Total/NA	Solid	5035	
880-10173-60	SW-1	Total/NA	Solid	5035	
LCS 880-16733/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16733/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10173-41 MS	CS-41 (2.5')	Total/NA	Solid	5035	
880-10173-41 MSD	CS-41 (2.5')	Total/NA	Solid	5035	

Analysis Batch: 16736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-21	CS-21 (3.5')	Total/NA	Solid	8021B	16732

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 16736 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-22	CS-22 (3.5')	Total/NA	Solid	8021B	16732
880-10173-23	CS-23 (3.5')	Total/NA	Solid	8021B	16732
880-10173-24	CS-24 (2.5')	Total/NA	Solid	8021B	16732
880-10173-25	CS-25 (2.5')	Total/NA	Solid	8021B	16732
880-10173-26	CS-26 (2.5')	Total/NA	Solid	8021B	16732
880-10173-27	CS-27 (2.5')	Total/NA	Solid	8021B	16732
880-10173-28	CS-28 (2.5')	Total/NA	Solid	8021B	16732
880-10173-29	CS-29 (2.5')	Total/NA	Solid	8021B	16732
880-10173-30	CS-30 (2.5')	Total/NA	Solid	8021B	16732
880-10173-31	CS-31 (2.5')	Total/NA	Solid	8021B	16732
880-10173-32	CS-32 (2.5')	Total/NA	Solid	8021B	16732
880-10173-33	CS-33 (2.5')	Total/NA	Solid	8021B	16732
880-10173-34	CS-34 (2.5')	Total/NA	Solid	8021B	16732
880-10173-35	CS-35 (2.5')	Total/NA	Solid	8021B	16732
880-10173-36	CS-36 (2.5')	Total/NA	Solid	8021B	16732
880-10173-37	CS-37 (2.5')	Total/NA	Solid	8021B	16732
880-10173-38	CS-38 (2.5')	Total/NA	Solid	8021B	16732
880-10173-39	CS-39 (2.5')	Total/NA	Solid	8021B	16732
880-10173-40	CS-40 (2.5')	Total/NA	Solid	8021B	16732
880-10173-41	CS-41 (2.5')	Total/NA	Solid	8021B	16733
880-10173-42	CS-42 (2.5')	Total/NA	Solid	8021B	16733
880-10173-43	CS-43 (2.5')	Total/NA	Solid	8021B	16733
880-10173-44	CS-44 (2.5')	Total/NA	Solid	8021B	16733
880-10173-45	CS-45 (2.5')	Total/NA	Solid	8021B	16733
880-10173-46	CS-46 (2.5')	Total/NA	Solid	8021B	16733
880-10173-47	CS-47 (2.5')	Total/NA	Solid	8021B	16733
880-10173-48	CS-48 (2.5')	Total/NA	Solid	8021B	16733
880-10173-49	CS-49 (2.5')	Total/NA	Solid	8021B	16733
880-10173-50	CS-50 (2.5')	Total/NA	Solid	8021B	16733
880-10173-51	CS-51 (2.5')	Total/NA	Solid	8021B	16733
880-10173-52	CS-52 (2.5')	Total/NA	Solid	8021B	16733
880-10173-53	CS-53 (2.5')	Total/NA	Solid	8021B	16733
880-10173-54	CS-54 (2.5')	Total/NA	Solid	8021B	16733
880-10173-55	CS-55 (2.5')	Total/NA	Solid	8021B	16733
880-10173-56	CS-56 (2.5')	Total/NA	Solid	8021B	16733
880-10173-57	CS-57 (2.5')	Total/NA	Solid	8021B	16733
880-10173-58	CS-58 (2.5')	Total/NA	Solid	8021B	16733
880-10173-59	CS-59 (2.5')	Total/NA	Solid	8021B	16733
880-10173-60	SW-1	Total/NA	Solid	8021B	16733
MB 880-16732/5-A	Method Blank	Total/NA	Solid	8021B	16732
MB 880-16736/39	Method Blank	Total/NA	Solid	8021B	16732
LCS 880-16732/1-A	Lab Control Sample	Total/NA	Solid	8021B	16732
LCS 880-16733/1-A	Lab Control Sample	Total/NA	Solid	8021B	16733
LCSD 880-16732/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16732
LCSD 880-16733/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16733
880-10173-21 MS	CS-21 (3.5')	Total/NA	Solid	8021B	16732
880-10173-21 MSD	CS-21 (3.5')	Total/NA	Solid	8021B	16732
880-10173-41 MS	CS-41 (2.5')	Total/NA	Solid	8021B	16733
880-10173-41 MSD	CS-41 (2.5')	Total/NA	Solid	8021B	16733

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC VOA

Analysis Batch: 16738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-1	CS-1 (4')	Total/NA	Solid	8021B	16730
880-10173-2	CS-2 (4')	Total/NA	Solid	8021B	16730
880-10173-3	CS-3 (4')	Total/NA	Solid	8021B	16730
880-10173-4	CS-4 (4')	Total/NA	Solid	8021B	16730
880-10173-5	CS-5 (4')	Total/NA	Solid	8021B	16730
880-10173-6	CS-6 (7')	Total/NA	Solid	8021B	16730
880-10173-7	CS-7 (7')	Total/NA	Solid	8021B	16730
880-10173-8	CS-8 (7')	Total/NA	Solid	8021B	16730
880-10173-9	CS-9 (7')	Total/NA	Solid	8021B	16730
880-10173-10	CS-10 (7')	Total/NA	Solid	8021B	16730
880-10173-11	CS-11 (7')	Total/NA	Solid	8021B	16730
880-10173-12	CS-12 (7')	Total/NA	Solid	8021B	16730
880-10173-13	CS-13 (7')	Total/NA	Solid	8021B	16730
880-10173-14	CS-14 (7')	Total/NA	Solid	8021B	16730
880-10173-15	CS-15 (7')	Total/NA	Solid	8021B	16730
880-10173-16	CS-16 (7')	Total/NA	Solid	8021B	16730
880-10173-17	CS-17 (7')	Total/NA	Solid	8021B	16730
880-10173-18	CS-18 (7')	Total/NA	Solid	8021B	16730
880-10173-19	CS-19 (7')	Total/NA	Solid	8021B	16730
880-10173-20	CS-20 (3.5')	Total/NA	Solid	8021B	16730
MB 880-16730/5-A	Method Blank	Total/NA	Solid	8021B	16730
LCS 880-16730/1-A	Lab Control Sample	Total/NA	Solid	8021B	16730
LCSD 880-16730/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16730
880-10173-1 MS	CS-1 (4')	Total/NA	Solid	8021B	16730
880-10173-1 MSD	CS-1 (4')	Total/NA	Solid	8021B	16730

Analysis Batch: 16785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-1	CS-1 (4')	Total/NA	Solid	Total BTEX	
880-10173-2	CS-2 (4')	Total/NA	Solid	Total BTEX	
880-10173-3	CS-3 (4')	Total/NA	Solid	Total BTEX	
880-10173-4	CS-4 (4')	Total/NA	Solid	Total BTEX	
880-10173-5	CS-5 (4')	Total/NA	Solid	Total BTEX	
880-10173-6	CS-6 (7')	Total/NA	Solid	Total BTEX	
880-10173-7	CS-7 (7')	Total/NA	Solid	Total BTEX	
880-10173-8	CS-8 (7')	Total/NA	Solid	Total BTEX	
880-10173-9	CS-9 (7')	Total/NA	Solid	Total BTEX	
880-10173-10	CS-10 (7')	Total/NA	Solid	Total BTEX	
880-10173-11	CS-11 (7')	Total/NA	Solid	Total BTEX	
880-10173-12	CS-12 (7')	Total/NA	Solid	Total BTEX	
880-10173-13	CS-13 (7')	Total/NA	Solid	Total BTEX	
880-10173-14	CS-14 (7')	Total/NA	Solid	Total BTEX	
880-10173-15	CS-15 (7')	Total/NA	Solid	Total BTEX	
880-10173-16	CS-16 (7')	Total/NA	Solid	Total BTEX	
880-10173-17	CS-17 (7')	Total/NA	Solid	Total BTEX	
880-10173-18	CS-18 (7')	Total/NA	Solid	Total BTEX	
880-10173-19	CS-19 (7')	Total/NA	Solid	Total BTEX	
880-10173-20	CS-20 (3.5')	Total/NA	Solid	Total BTEX	
880-10173-21	CS-21 (3.5')	Total/NA	Solid	Total BTEX	
880-10173-22	CS-22 (3.5')	Total/NA	Solid	Total BTEX	
880-10173-23	CS-23 (3.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 16785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-24	CS-24 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-25	CS-25 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-26	CS-26 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-27	CS-27 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-28	CS-28 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-29	CS-29 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-30	CS-30 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-31	CS-31 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-32	CS-32 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-33	CS-33 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-34	CS-34 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-35	CS-35 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-36	CS-36 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-37	CS-37 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-38	CS-38 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-39	CS-39 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-40	CS-40 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-41	CS-41 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-42	CS-42 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-43	CS-43 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-44	CS-44 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-45	CS-45 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-46	CS-46 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-47	CS-47 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-48	CS-48 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-49	CS-49 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-50	CS-50 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-51	CS-51 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-52	CS-52 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-53	CS-53 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-54	CS-54 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-55	CS-55 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-56	CS-56 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-57	CS-57 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-58	CS-58 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-59	CS-59 (2.5')	Total/NA	Solid	Total BTEX	
880-10173-60	SW-1	Total/NA	Solid	Total BTEX	
880-10173-61	SW-2	Total/NA	Solid	Total BTEX	
880-10173-62	SW-3	Total/NA	Solid	Total BTEX	
880-10173-63	SW-4	Total/NA	Solid	Total BTEX	
880-10173-64	SW-5	Total/NA	Solid	Total BTEX	
880-10173-65	SW-6	Total/NA	Solid	Total BTEX	
880-10173-66	SW-7	Total/NA	Solid	Total BTEX	
880-10173-67	SW-8	Total/NA	Solid	Total BTEX	
880-10173-68	SW-9	Total/NA	Solid	Total BTEX	
880-10173-69	SW-10	Total/NA	Solid	Total BTEX	
880-10173-70	SW-11	Total/NA	Solid	Total BTEX	
880-10173-71	SW-12	Total/NA	Solid	Total BTEX	
880-10173-72	SW-13	Total/NA	Solid	Total BTEX	
880-10173-73	SW-14	Total/NA	Solid	Total BTEX	
880-10173-74	SW-15	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 16785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-75	SW-16	Total/NA	Solid	Total BTEX	
880-10173-76	SW-17	Total/NA	Solid	Total BTEX	
880-10173-77	SW-18	Total/NA	Solid	Total BTEX	
880-10173-78	SW-19	Total/NA	Solid	Total BTEX	
880-10173-79	SW-20	Total/NA	Solid	Total BTEX	
880-10173-80	SW-21	Total/NA	Solid	Total BTEX	

Prep Batch: 16808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-71	SW-12	Total/NA	Solid	5035	
880-10173-72	SW-13	Total/NA	Solid	5035	
880-10173-73	SW-14	Total/NA	Solid	5035	
880-10173-74	SW-15	Total/NA	Solid	5035	
880-10173-75	SW-16	Total/NA	Solid	5035	
880-10173-76	SW-17	Total/NA	Solid	5035	
880-10173-77	SW-18	Total/NA	Solid	5035	
880-10173-78	SW-19	Total/NA	Solid	5035	
880-10173-79	SW-20	Total/NA	Solid	5035	
880-10173-80	SW-21	Total/NA	Solid	5035	
MB 880-16808/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16808/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16808/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10173-71 MS	SW-12	Total/NA	Solid	5035	
880-10173-71 MSD	SW-12	Total/NA	Solid	5035	

Analysis Batch: 16809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-61	SW-2	Total/NA	Solid	8021B	16731
880-10173-62	SW-3	Total/NA	Solid	8021B	16731
880-10173-63	SW-4	Total/NA	Solid	8021B	16731
880-10173-64	SW-5	Total/NA	Solid	8021B	16731
880-10173-65	SW-6	Total/NA	Solid	8021B	16731
880-10173-66	SW-7	Total/NA	Solid	8021B	16731
880-10173-67	SW-8	Total/NA	Solid	8021B	16731
880-10173-68	SW-9	Total/NA	Solid	8021B	16731
880-10173-69	SW-10	Total/NA	Solid	8021B	16731
880-10173-70	SW-11	Total/NA	Solid	8021B	16731
MB 880-16731/5-A	Method Blank	Total/NA	Solid	8021B	16731
LCS 880-16731/1-A	Lab Control Sample	Total/NA	Solid	8021B	16731
LCSD 880-16731/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16731
880-10173-61 MS	SW-2	Total/NA	Solid	8021B	16731
880-10173-61 MSD	SW-2	Total/NA	Solid	8021B	16731

Analysis Batch: 16810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-71	SW-12	Total/NA	Solid	8021B	16808
880-10173-72	SW-13	Total/NA	Solid	8021B	16808
880-10173-73	SW-14	Total/NA	Solid	8021B	16808
880-10173-74	SW-15	Total/NA	Solid	8021B	16808
880-10173-75	SW-16	Total/NA	Solid	8021B	16808
880-10173-76	SW-17	Total/NA	Solid	8021B	16808

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 16810 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-77	SW-18	Total/NA	Solid	8021B	16808
880-10173-78	SW-19	Total/NA	Solid	8021B	16808
880-10173-79	SW-20	Total/NA	Solid	8021B	16808
880-10173-80	SW-21	Total/NA	Solid	8021B	16808
MB 880-16808/5-A	Method Blank	Total/NA	Solid	8021B	16808
LCS 880-16808/1-A	Lab Control Sample	Total/NA	Solid	8021B	16808
LCSD 880-16808/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16808
880-10173-71 MS	SW-12	Total/NA	Solid	8021B	16808
880-10173-71 MSD	SW-12	Total/NA	Solid	8021B	16808

GC Semi VOA

Prep Batch: 16675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-41	CS-41 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-42	CS-42 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-43	CS-43 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-44	CS-44 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-45	CS-45 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-46	CS-46 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-47	CS-47 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-48	CS-48 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-49	CS-49 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-50	CS-50 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-51	CS-51 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-52	CS-52 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-53	CS-53 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-54	CS-54 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-55	CS-55 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-56	CS-56 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-57	CS-57 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-58	CS-58 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-59	CS-59 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-60	SW-1	Total/NA	Solid	8015NM Prep	
MB 880-16675/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16675/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16675/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10173-41 MS	CS-41 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-41 MSD	CS-41 (2.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 16678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-21	CS-21 (3.5')	Total/NA	Solid	8015NM Prep	
880-10173-22	CS-22 (3.5')	Total/NA	Solid	8015NM Prep	
880-10173-23	CS-23 (3.5')	Total/NA	Solid	8015NM Prep	
880-10173-24	CS-24 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-25	CS-25 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-26	CS-26 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-27	CS-27 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-28	CS-28 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-29	CS-29 (2.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 16678 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-30	CS-30 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-31	CS-31 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-32	CS-32 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-33	CS-33 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-34	CS-34 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-35	CS-35 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-36	CS-36 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-37	CS-37 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-38	CS-38 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-39	CS-39 (2.5')	Total/NA	Solid	8015NM Prep	
880-10173-40	CS-40 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-16678/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16678/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16678/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10173-21 MS	CS-21 (3.5')	Total/NA	Solid	8015NM Prep	
880-10173-21 MSD	CS-21 (3.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 16699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-1	CS-1 (4')	Total/NA	Solid	8015B NM	16713
880-10173-2	CS-2 (4')	Total/NA	Solid	8015B NM	16713
880-10173-3	CS-3 (4')	Total/NA	Solid	8015B NM	16713
880-10173-4	CS-4 (4')	Total/NA	Solid	8015B NM	16713
880-10173-5	CS-5 (4')	Total/NA	Solid	8015B NM	16713
880-10173-6	CS-6 (7')	Total/NA	Solid	8015B NM	16713
880-10173-7	CS-7 (7')	Total/NA	Solid	8015B NM	16713
880-10173-8	CS-8 (7')	Total/NA	Solid	8015B NM	16713
880-10173-9	CS-9 (7')	Total/NA	Solid	8015B NM	16713
880-10173-10	CS-10 (7')	Total/NA	Solid	8015B NM	16713
880-10173-11	CS-11 (7')	Total/NA	Solid	8015B NM	16713
880-10173-12	CS-12 (7')	Total/NA	Solid	8015B NM	16713
880-10173-13	CS-13 (7')	Total/NA	Solid	8015B NM	16713
880-10173-14	CS-14 (7')	Total/NA	Solid	8015B NM	16713
880-10173-15	CS-15 (7')	Total/NA	Solid	8015B NM	16713
880-10173-16	CS-16 (7')	Total/NA	Solid	8015B NM	16713
880-10173-17	CS-17 (7')	Total/NA	Solid	8015B NM	16713
880-10173-18	CS-18 (7')	Total/NA	Solid	8015B NM	16713
880-10173-19	CS-19 (7')	Total/NA	Solid	8015B NM	16713
880-10173-20	CS-20 (3.5')	Total/NA	Solid	8015B NM	16713
880-10173-61	SW-2	Total/NA	Solid	8015B NM	16745
880-10173-62	SW-3	Total/NA	Solid	8015B NM	16745
880-10173-63	SW-4	Total/NA	Solid	8015B NM	16745
880-10173-64	SW-5	Total/NA	Solid	8015B NM	16745
880-10173-65	SW-6	Total/NA	Solid	8015B NM	16745
880-10173-66	SW-7	Total/NA	Solid	8015B NM	16745
880-10173-67	SW-8	Total/NA	Solid	8015B NM	16745
880-10173-68	SW-9	Total/NA	Solid	8015B NM	16745
880-10173-69	SW-10	Total/NA	Solid	8015B NM	16745
880-10173-70	SW-11	Total/NA	Solid	8015B NM	16745
880-10173-71	SW-12	Total/NA	Solid	8015B NM	16745
880-10173-72	SW-13	Total/NA	Solid	8015B NM	16745

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 16699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-73	SW-14	Total/NA	Solid	8015B NM	16745
880-10173-74	SW-15	Total/NA	Solid	8015B NM	16745
880-10173-75	SW-16	Total/NA	Solid	8015B NM	16745
880-10173-76	SW-17	Total/NA	Solid	8015B NM	16745
880-10173-77	SW-18	Total/NA	Solid	8015B NM	16745
880-10173-78	SW-19	Total/NA	Solid	8015B NM	16745
880-10173-79	SW-20	Total/NA	Solid	8015B NM	16745
880-10173-80	SW-21	Total/NA	Solid	8015B NM	16745
MB 880-16713/1-A	Method Blank	Total/NA	Solid	8015B NM	16713
MB 880-16745/1-A	Method Blank	Total/NA	Solid	8015B NM	16745
LCS 880-16713/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16713
LCS 880-16745/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16745
LCSD 880-16713/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16713
LCSD 880-16745/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16745
880-10173-1 MS	CS-1 (4')	Total/NA	Solid	8015B NM	16713
880-10173-1 MSD	CS-1 (4')	Total/NA	Solid	8015B NM	16713
880-10173-61 MS	SW-2	Total/NA	Solid	8015B NM	16745
880-10173-61 MSD	SW-2	Total/NA	Solid	8015B NM	16745

Analysis Batch: 16700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-21	CS-21 (3.5')	Total/NA	Solid	8015B NM	16678
880-10173-22	CS-22 (3.5')	Total/NA	Solid	8015B NM	16678
880-10173-23	CS-23 (3.5')	Total/NA	Solid	8015B NM	16678
880-10173-24	CS-24 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-25	CS-25 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-26	CS-26 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-27	CS-27 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-28	CS-28 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-29	CS-29 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-30	CS-30 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-31	CS-31 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-32	CS-32 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-33	CS-33 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-34	CS-34 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-35	CS-35 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-36	CS-36 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-37	CS-37 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-38	CS-38 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-39	CS-39 (2.5')	Total/NA	Solid	8015B NM	16678
880-10173-40	CS-40 (2.5')	Total/NA	Solid	8015B NM	16678
MB 880-16678/1-A	Method Blank	Total/NA	Solid	8015B NM	16678
LCS 880-16678/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16678
LCSD 880-16678/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16678
880-10173-21 MS	CS-21 (3.5')	Total/NA	Solid	8015B NM	16678
880-10173-21 MSD	CS-21 (3.5')	Total/NA	Solid	8015B NM	16678

Analysis Batch: 16702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-41	CS-41 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-42	CS-42 (2.5')	Total/NA	Solid	8015B NM	16675

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 16702 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-43	CS-43 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-44	CS-44 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-45	CS-45 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-46	CS-46 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-47	CS-47 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-48	CS-48 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-49	CS-49 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-50	CS-50 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-51	CS-51 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-52	CS-52 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-53	CS-53 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-54	CS-54 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-55	CS-55 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-56	CS-56 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-57	CS-57 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-58	CS-58 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-59	CS-59 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-60	SW-1	Total/NA	Solid	8015B NM	16675
MB 880-16675/1-A	Method Blank	Total/NA	Solid	8015B NM	16675
LCS 880-16675/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16675
LCSD 880-16675/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16675
880-10173-41 MS	CS-41 (2.5')	Total/NA	Solid	8015B NM	16675
880-10173-41 MSD	CS-41 (2.5')	Total/NA	Solid	8015B NM	16675

Prep Batch: 16713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-1	CS-1 (4')	Total/NA	Solid	8015NM Prep	
880-10173-2	CS-2 (4')	Total/NA	Solid	8015NM Prep	
880-10173-3	CS-3 (4')	Total/NA	Solid	8015NM Prep	
880-10173-4	CS-4 (4')	Total/NA	Solid	8015NM Prep	
880-10173-5	CS-5 (4')	Total/NA	Solid	8015NM Prep	
880-10173-6	CS-6 (7')	Total/NA	Solid	8015NM Prep	
880-10173-7	CS-7 (7')	Total/NA	Solid	8015NM Prep	
880-10173-8	CS-8 (7')	Total/NA	Solid	8015NM Prep	
880-10173-9	CS-9 (7')	Total/NA	Solid	8015NM Prep	
880-10173-10	CS-10 (7')	Total/NA	Solid	8015NM Prep	
880-10173-11	CS-11 (7')	Total/NA	Solid	8015NM Prep	
880-10173-12	CS-12 (7')	Total/NA	Solid	8015NM Prep	
880-10173-13	CS-13 (7')	Total/NA	Solid	8015NM Prep	
880-10173-14	CS-14 (7')	Total/NA	Solid	8015NM Prep	
880-10173-15	CS-15 (7')	Total/NA	Solid	8015NM Prep	
880-10173-16	CS-16 (7')	Total/NA	Solid	8015NM Prep	
880-10173-17	CS-17 (7')	Total/NA	Solid	8015NM Prep	
880-10173-18	CS-18 (7')	Total/NA	Solid	8015NM Prep	
880-10173-19	CS-19 (7')	Total/NA	Solid	8015NM Prep	
880-10173-20	CS-20 (3.5')	Total/NA	Solid	8015NM Prep	
MB 880-16713/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16713/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16713/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10173-1 MS	CS-1 (4')	Total/NA	Solid	8015NM Prep	
880-10173-1 MSD	CS-1 (4')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC Semi VOA

Prep Batch: 16745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-61	SW-2	Total/NA	Solid	8015NM Prep	
880-10173-62	SW-3	Total/NA	Solid	8015NM Prep	
880-10173-63	SW-4	Total/NA	Solid	8015NM Prep	
880-10173-64	SW-5	Total/NA	Solid	8015NM Prep	
880-10173-65	SW-6	Total/NA	Solid	8015NM Prep	
880-10173-66	SW-7	Total/NA	Solid	8015NM Prep	
880-10173-67	SW-8	Total/NA	Solid	8015NM Prep	
880-10173-68	SW-9	Total/NA	Solid	8015NM Prep	
880-10173-69	SW-10	Total/NA	Solid	8015NM Prep	
880-10173-70	SW-11	Total/NA	Solid	8015NM Prep	
880-10173-71	SW-12	Total/NA	Solid	8015NM Prep	
880-10173-72	SW-13	Total/NA	Solid	8015NM Prep	
880-10173-73	SW-14	Total/NA	Solid	8015NM Prep	
880-10173-74	SW-15	Total/NA	Solid	8015NM Prep	
880-10173-75	SW-16	Total/NA	Solid	8015NM Prep	
880-10173-76	SW-17	Total/NA	Solid	8015NM Prep	
880-10173-77	SW-18	Total/NA	Solid	8015NM Prep	
880-10173-78	SW-19	Total/NA	Solid	8015NM Prep	
880-10173-79	SW-20	Total/NA	Solid	8015NM Prep	
880-10173-80	SW-21	Total/NA	Solid	8015NM Prep	
MB 880-16745/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16745/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16745/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10173-61 MS	SW-2	Total/NA	Solid	8015NM Prep	
880-10173-61 MSD	SW-2	Total/NA	Solid	8015NM Prep	

Analysis Batch: 16791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-1	CS-1 (4')	Total/NA	Solid	8015 NM	
880-10173-2	CS-2 (4')	Total/NA	Solid	8015 NM	
880-10173-3	CS-3 (4')	Total/NA	Solid	8015 NM	
880-10173-4	CS-4 (4')	Total/NA	Solid	8015 NM	
880-10173-5	CS-5 (4')	Total/NA	Solid	8015 NM	
880-10173-6	CS-6 (7')	Total/NA	Solid	8015 NM	
880-10173-7	CS-7 (7')	Total/NA	Solid	8015 NM	
880-10173-8	CS-8 (7')	Total/NA	Solid	8015 NM	
880-10173-9	CS-9 (7')	Total/NA	Solid	8015 NM	
880-10173-10	CS-10 (7')	Total/NA	Solid	8015 NM	
880-10173-11	CS-11 (7')	Total/NA	Solid	8015 NM	
880-10173-12	CS-12 (7')	Total/NA	Solid	8015 NM	
880-10173-13	CS-13 (7')	Total/NA	Solid	8015 NM	
880-10173-14	CS-14 (7')	Total/NA	Solid	8015 NM	
880-10173-15	CS-15 (7')	Total/NA	Solid	8015 NM	
880-10173-16	CS-16 (7')	Total/NA	Solid	8015 NM	
880-10173-17	CS-17 (7')	Total/NA	Solid	8015 NM	
880-10173-18	CS-18 (7')	Total/NA	Solid	8015 NM	
880-10173-19	CS-19 (7')	Total/NA	Solid	8015 NM	
880-10173-20	CS-20 (3.5')	Total/NA	Solid	8015 NM	
880-10173-21	CS-21 (3.5')	Total/NA	Solid	8015 NM	
880-10173-22	CS-22 (3.5')	Total/NA	Solid	8015 NM	
880-10173-23	CS-23 (3.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 16791 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-24	CS-24 (2.5')	Total/NA	Solid	8015 NM	
880-10173-25	CS-25 (2.5')	Total/NA	Solid	8015 NM	
880-10173-26	CS-26 (2.5')	Total/NA	Solid	8015 NM	
880-10173-27	CS-27 (2.5')	Total/NA	Solid	8015 NM	
880-10173-28	CS-28 (2.5')	Total/NA	Solid	8015 NM	
880-10173-29	CS-29 (2.5')	Total/NA	Solid	8015 NM	
880-10173-30	CS-30 (2.5')	Total/NA	Solid	8015 NM	
880-10173-31	CS-31 (2.5')	Total/NA	Solid	8015 NM	
880-10173-32	CS-32 (2.5')	Total/NA	Solid	8015 NM	
880-10173-33	CS-33 (2.5')	Total/NA	Solid	8015 NM	
880-10173-34	CS-34 (2.5')	Total/NA	Solid	8015 NM	
880-10173-35	CS-35 (2.5')	Total/NA	Solid	8015 NM	
880-10173-36	CS-36 (2.5')	Total/NA	Solid	8015 NM	
880-10173-37	CS-37 (2.5')	Total/NA	Solid	8015 NM	
880-10173-38	CS-38 (2.5')	Total/NA	Solid	8015 NM	
880-10173-39	CS-39 (2.5')	Total/NA	Solid	8015 NM	
880-10173-40	CS-40 (2.5')	Total/NA	Solid	8015 NM	
880-10173-41	CS-41 (2.5')	Total/NA	Solid	8015 NM	
880-10173-42	CS-42 (2.5')	Total/NA	Solid	8015 NM	
880-10173-43	CS-43 (2.5')	Total/NA	Solid	8015 NM	
880-10173-44	CS-44 (2.5')	Total/NA	Solid	8015 NM	
880-10173-45	CS-45 (2.5')	Total/NA	Solid	8015 NM	
880-10173-46	CS-46 (2.5')	Total/NA	Solid	8015 NM	
880-10173-47	CS-47 (2.5')	Total/NA	Solid	8015 NM	
880-10173-48	CS-48 (2.5')	Total/NA	Solid	8015 NM	
880-10173-49	CS-49 (2.5')	Total/NA	Solid	8015 NM	
880-10173-50	CS-50 (2.5')	Total/NA	Solid	8015 NM	
880-10173-51	CS-51 (2.5')	Total/NA	Solid	8015 NM	
880-10173-52	CS-52 (2.5')	Total/NA	Solid	8015 NM	
880-10173-53	CS-53 (2.5')	Total/NA	Solid	8015 NM	
880-10173-54	CS-54 (2.5')	Total/NA	Solid	8015 NM	
880-10173-55	CS-55 (2.5')	Total/NA	Solid	8015 NM	
880-10173-56	CS-56 (2.5')	Total/NA	Solid	8015 NM	
880-10173-57	CS-57 (2.5')	Total/NA	Solid	8015 NM	
880-10173-58	CS-58 (2.5')	Total/NA	Solid	8015 NM	
880-10173-59	CS-59 (2.5')	Total/NA	Solid	8015 NM	
880-10173-60	SW-1	Total/NA	Solid	8015 NM	
880-10173-61	SW-2	Total/NA	Solid	8015 NM	
880-10173-62	SW-3	Total/NA	Solid	8015 NM	
880-10173-63	SW-4	Total/NA	Solid	8015 NM	
880-10173-64	SW-5	Total/NA	Solid	8015 NM	
880-10173-65	SW-6	Total/NA	Solid	8015 NM	
880-10173-66	SW-7	Total/NA	Solid	8015 NM	
880-10173-67	SW-8	Total/NA	Solid	8015 NM	
880-10173-68	SW-9	Total/NA	Solid	8015 NM	
880-10173-69	SW-10	Total/NA	Solid	8015 NM	
880-10173-70	SW-11	Total/NA	Solid	8015 NM	
880-10173-71	SW-12	Total/NA	Solid	8015 NM	
880-10173-72	SW-13	Total/NA	Solid	8015 NM	
880-10173-73	SW-14	Total/NA	Solid	8015 NM	
880-10173-74	SW-15	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 16791 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-75	SW-16	Total/NA	Solid	8015 NM	
880-10173-76	SW-17	Total/NA	Solid	8015 NM	
880-10173-77	SW-18	Total/NA	Solid	8015 NM	
880-10173-78	SW-19	Total/NA	Solid	8015 NM	
880-10173-79	SW-20	Total/NA	Solid	8015 NM	
880-10173-80	SW-21	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 16634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-1	CS-1 (4')	Soluble	Solid	DI Leach	
880-10173-2	CS-2 (4')	Soluble	Solid	DI Leach	
880-10173-3	CS-3 (4')	Soluble	Solid	DI Leach	
880-10173-4	CS-4 (4')	Soluble	Solid	DI Leach	
880-10173-5	CS-5 (4')	Soluble	Solid	DI Leach	
880-10173-6	CS-6 (7')	Soluble	Solid	DI Leach	
880-10173-7	CS-7 (7')	Soluble	Solid	DI Leach	
880-10173-8	CS-8 (7')	Soluble	Solid	DI Leach	
880-10173-9	CS-9 (7')	Soluble	Solid	DI Leach	
880-10173-10	CS-10 (7')	Soluble	Solid	DI Leach	
880-10173-11	CS-11 (7')	Soluble	Solid	DI Leach	
880-10173-12	CS-12 (7')	Soluble	Solid	DI Leach	
880-10173-13	CS-13 (7')	Soluble	Solid	DI Leach	
880-10173-14	CS-14 (7')	Soluble	Solid	DI Leach	
880-10173-15	CS-15 (7')	Soluble	Solid	DI Leach	
880-10173-16	CS-16 (7')	Soluble	Solid	DI Leach	
880-10173-17	CS-17 (7')	Soluble	Solid	DI Leach	
880-10173-18	CS-18 (7')	Soluble	Solid	DI Leach	
880-10173-19	CS-19 (7')	Soluble	Solid	DI Leach	
880-10173-20	CS-20 (3.5')	Soluble	Solid	DI Leach	
MB 880-16634/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16634/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-16634/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10173-1 MS	CS-1 (4')	Soluble	Solid	DI Leach	
880-10173-1 MSD	CS-1 (4')	Soluble	Solid	DI Leach	
880-10173-11 MS	CS-11 (7')	Soluble	Solid	DI Leach	
880-10173-11 MSD	CS-11 (7')	Soluble	Solid	DI Leach	

Leach Batch: 16747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-21	CS-21 (3.5')	Soluble	Solid	DI Leach	
880-10173-22	CS-22 (3.5')	Soluble	Solid	DI Leach	
880-10173-23	CS-23 (3.5')	Soluble	Solid	DI Leach	
880-10173-24	CS-24 (2.5')	Soluble	Solid	DI Leach	
880-10173-25	CS-25 (2.5')	Soluble	Solid	DI Leach	
880-10173-26	CS-26 (2.5')	Soluble	Solid	DI Leach	
880-10173-27	CS-27 (2.5')	Soluble	Solid	DI Leach	
880-10173-28	CS-28 (2.5')	Soluble	Solid	DI Leach	
880-10173-29	CS-29 (2.5')	Soluble	Solid	DI Leach	
880-10173-30	CS-30 (2.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 16747 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-31	CS-31 (2.5')	Soluble	Solid	DI Leach	
880-10173-32	CS-32 (2.5')	Soluble	Solid	DI Leach	
880-10173-33	CS-33 (2.5')	Soluble	Solid	DI Leach	
880-10173-34	CS-34 (2.5')	Soluble	Solid	DI Leach	
880-10173-35	CS-35 (2.5')	Soluble	Solid	DI Leach	
880-10173-36	CS-36 (2.5')	Soluble	Solid	DI Leach	
880-10173-37	CS-37 (2.5')	Soluble	Solid	DI Leach	
880-10173-38	CS-38 (2.5')	Soluble	Solid	DI Leach	
880-10173-39	CS-39 (2.5')	Soluble	Solid	DI Leach	
880-10173-40	CS-40 (2.5')	Soluble	Solid	DI Leach	
MB 880-16747/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16747/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16747/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10173-21 MS	CS-21 (3.5')	Soluble	Solid	DI Leach	
880-10173-21 MSD	CS-21 (3.5')	Soluble	Solid	DI Leach	
880-10173-31 MS	CS-31 (2.5')	Soluble	Solid	DI Leach	
880-10173-31 MSD	CS-31 (2.5')	Soluble	Solid	DI Leach	

Leach Batch: 16749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-41	CS-41 (2.5')	Soluble	Solid	DI Leach	
880-10173-42	CS-42 (2.5')	Soluble	Solid	DI Leach	
880-10173-43	CS-43 (2.5')	Soluble	Solid	DI Leach	
880-10173-44	CS-44 (2.5')	Soluble	Solid	DI Leach	
880-10173-45	CS-45 (2.5')	Soluble	Solid	DI Leach	
880-10173-46	CS-46 (2.5')	Soluble	Solid	DI Leach	
880-10173-47	CS-47 (2.5')	Soluble	Solid	DI Leach	
880-10173-48	CS-48 (2.5')	Soluble	Solid	DI Leach	
880-10173-49	CS-49 (2.5')	Soluble	Solid	DI Leach	
880-10173-50	CS-50 (2.5')	Soluble	Solid	DI Leach	
880-10173-51	CS-51 (2.5')	Soluble	Solid	DI Leach	
880-10173-52	CS-52 (2.5')	Soluble	Solid	DI Leach	
880-10173-53	CS-53 (2.5')	Soluble	Solid	DI Leach	
880-10173-54	CS-54 (2.5')	Soluble	Solid	DI Leach	
880-10173-55	CS-55 (2.5')	Soluble	Solid	DI Leach	
880-10173-56	CS-56 (2.5')	Soluble	Solid	DI Leach	
880-10173-57	CS-57 (2.5')	Soluble	Solid	DI Leach	
880-10173-58	CS-58 (2.5')	Soluble	Solid	DI Leach	
880-10173-59	CS-59 (2.5')	Soluble	Solid	DI Leach	
880-10173-60	SW-1	Soluble	Solid	DI Leach	
MB 880-16749/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16749/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16749/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10173-41 MS	CS-41 (2.5')	Soluble	Solid	DI Leach	
880-10173-41 MSD	CS-41 (2.5')	Soluble	Solid	DI Leach	
880-10173-51 MS	CS-51 (2.5')	Soluble	Solid	DI Leach	
880-10173-51 MSD	CS-51 (2.5')	Soluble	Solid	DI Leach	

Leach Batch: 16750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-61	SW-2	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 16750 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-62	SW-3	Soluble	Solid	DI Leach	
880-10173-63	SW-4	Soluble	Solid	DI Leach	
880-10173-64	SW-5	Soluble	Solid	DI Leach	
880-10173-65	SW-6	Soluble	Solid	DI Leach	
880-10173-66	SW-7	Soluble	Solid	DI Leach	
880-10173-67	SW-8	Soluble	Solid	DI Leach	
880-10173-68	SW-9	Soluble	Solid	DI Leach	
880-10173-69	SW-10	Soluble	Solid	DI Leach	
880-10173-70	SW-11	Soluble	Solid	DI Leach	
880-10173-71	SW-12	Soluble	Solid	DI Leach	
880-10173-72	SW-13	Soluble	Solid	DI Leach	
880-10173-73	SW-14	Soluble	Solid	DI Leach	
880-10173-74	SW-15	Soluble	Solid	DI Leach	
880-10173-75	SW-16	Soluble	Solid	DI Leach	
880-10173-76	SW-17	Soluble	Solid	DI Leach	
880-10173-77	SW-18	Soluble	Solid	DI Leach	
880-10173-78	SW-19	Soluble	Solid	DI Leach	
880-10173-79	SW-20	Soluble	Solid	DI Leach	
880-10173-80	SW-21	Soluble	Solid	DI Leach	
MB 880-16750/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16750/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16750/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10173-61 MS	SW-2	Soluble	Solid	DI Leach	
880-10173-61 MSD	SW-2	Soluble	Solid	DI Leach	
880-10173-71 MS	SW-12	Soluble	Solid	DI Leach	
880-10173-71 MSD	SW-12	Soluble	Solid	DI Leach	

Analysis Batch: 16799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-21	CS-21 (3.5')	Soluble	Solid	300.0	16747
880-10173-22	CS-22 (3.5')	Soluble	Solid	300.0	16747
880-10173-23	CS-23 (3.5')	Soluble	Solid	300.0	16747
880-10173-24	CS-24 (2.5')	Soluble	Solid	300.0	16747
880-10173-25	CS-25 (2.5')	Soluble	Solid	300.0	16747
880-10173-26	CS-26 (2.5')	Soluble	Solid	300.0	16747
880-10173-27	CS-27 (2.5')	Soluble	Solid	300.0	16747
880-10173-28	CS-28 (2.5')	Soluble	Solid	300.0	16747
880-10173-29	CS-29 (2.5')	Soluble	Solid	300.0	16747
880-10173-30	CS-30 (2.5')	Soluble	Solid	300.0	16747
880-10173-31	CS-31 (2.5')	Soluble	Solid	300.0	16747
880-10173-32	CS-32 (2.5')	Soluble	Solid	300.0	16747
880-10173-33	CS-33 (2.5')	Soluble	Solid	300.0	16747
880-10173-34	CS-34 (2.5')	Soluble	Solid	300.0	16747
880-10173-35	CS-35 (2.5')	Soluble	Solid	300.0	16747
880-10173-36	CS-36 (2.5')	Soluble	Solid	300.0	16747
880-10173-37	CS-37 (2.5')	Soluble	Solid	300.0	16747
880-10173-38	CS-38 (2.5')	Soluble	Solid	300.0	16747
880-10173-39	CS-39 (2.5')	Soluble	Solid	300.0	16747
880-10173-40	CS-40 (2.5')	Soluble	Solid	300.0	16747
MB 880-16747/1-A	Method Blank	Soluble	Solid	300.0	16747
LCS 880-16747/2-A	Lab Control Sample	Soluble	Solid	300.0	16747

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 16799 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-16747/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16747
880-10173-21 MS	CS-21 (3.5')	Soluble	Solid	300.0	16747
880-10173-21 MSD	CS-21 (3.5')	Soluble	Solid	300.0	16747
880-10173-31 MS	CS-31 (2.5')	Soluble	Solid	300.0	16747
880-10173-31 MSD	CS-31 (2.5')	Soluble	Solid	300.0	16747

Analysis Batch: 16800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-1	CS-1 (4')	Soluble	Solid	300.0	16634
880-10173-2	CS-2 (4')	Soluble	Solid	300.0	16634
880-10173-3	CS-3 (4')	Soluble	Solid	300.0	16634
880-10173-4	CS-4 (4')	Soluble	Solid	300.0	16634
880-10173-5	CS-5 (4')	Soluble	Solid	300.0	16634
880-10173-6	CS-6 (7')	Soluble	Solid	300.0	16634
880-10173-7	CS-7 (7')	Soluble	Solid	300.0	16634
880-10173-8	CS-8 (7')	Soluble	Solid	300.0	16634
880-10173-9	CS-9 (7')	Soluble	Solid	300.0	16634
880-10173-10	CS-10 (7')	Soluble	Solid	300.0	16634
880-10173-11	CS-11 (7')	Soluble	Solid	300.0	16634
880-10173-12	CS-12 (7')	Soluble	Solid	300.0	16634
880-10173-13	CS-13 (7')	Soluble	Solid	300.0	16634
880-10173-14	CS-14 (7')	Soluble	Solid	300.0	16634
880-10173-15	CS-15 (7')	Soluble	Solid	300.0	16634
880-10173-16	CS-16 (7')	Soluble	Solid	300.0	16634
880-10173-17	CS-17 (7')	Soluble	Solid	300.0	16634
880-10173-18	CS-18 (7')	Soluble	Solid	300.0	16634
880-10173-19	CS-19 (7')	Soluble	Solid	300.0	16634
880-10173-20	CS-20 (3.5')	Soluble	Solid	300.0	16634
MB 880-16634/1-A	Method Blank	Soluble	Solid	300.0	16634
LCS 880-16634/2-A	Lab Control Sample	Soluble	Solid	300.0	16634
LCSD 880-16634/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16634
880-10173-1 MS	CS-1 (4')	Soluble	Solid	300.0	16634
880-10173-1 MSD	CS-1 (4')	Soluble	Solid	300.0	16634
880-10173-11 MS	CS-11 (7')	Soluble	Solid	300.0	16634
880-10173-11 MSD	CS-11 (7')	Soluble	Solid	300.0	16634

Analysis Batch: 16801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-41	CS-41 (2.5')	Soluble	Solid	300.0	16749
880-10173-42	CS-42 (2.5')	Soluble	Solid	300.0	16749
880-10173-43	CS-43 (2.5')	Soluble	Solid	300.0	16749
880-10173-44	CS-44 (2.5')	Soluble	Solid	300.0	16749
880-10173-45	CS-45 (2.5')	Soluble	Solid	300.0	16749
880-10173-46	CS-46 (2.5')	Soluble	Solid	300.0	16749
880-10173-47	CS-47 (2.5')	Soluble	Solid	300.0	16749
880-10173-48	CS-48 (2.5')	Soluble	Solid	300.0	16749
880-10173-49	CS-49 (2.5')	Soluble	Solid	300.0	16749
880-10173-50	CS-50 (2.5')	Soluble	Solid	300.0	16749
880-10173-51	CS-51 (2.5')	Soluble	Solid	300.0	16749
880-10173-52	CS-52 (2.5')	Soluble	Solid	300.0	16749
880-10173-53	CS-53 (2.5')	Soluble	Solid	300.0	16749

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 16801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-54	CS-54 (2.5')	Soluble	Solid	300.0	16749
880-10173-55	CS-55 (2.5')	Soluble	Solid	300.0	16749
880-10173-56	CS-56 (2.5')	Soluble	Solid	300.0	16749
880-10173-57	CS-57 (2.5')	Soluble	Solid	300.0	16749
880-10173-58	CS-58 (2.5')	Soluble	Solid	300.0	16749
880-10173-59	CS-59 (2.5')	Soluble	Solid	300.0	16749
880-10173-60	SW-1	Soluble	Solid	300.0	16749
MB 880-16749/1-A	Method Blank	Soluble	Solid	300.0	16749
LCS 880-16749/2-A	Lab Control Sample	Soluble	Solid	300.0	16749
LCSD 880-16749/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16749
880-10173-41 MS	CS-41 (2.5')	Soluble	Solid	300.0	16749
880-10173-41 MSD	CS-41 (2.5')	Soluble	Solid	300.0	16749
880-10173-51 MS	CS-51 (2.5')	Soluble	Solid	300.0	16749
880-10173-51 MSD	CS-51 (2.5')	Soluble	Solid	300.0	16749

Analysis Batch: 16802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10173-61	SW-2	Soluble	Solid	300.0	16750
880-10173-62	SW-3	Soluble	Solid	300.0	16750
880-10173-63	SW-4	Soluble	Solid	300.0	16750
880-10173-64	SW-5	Soluble	Solid	300.0	16750
880-10173-65	SW-6	Soluble	Solid	300.0	16750
880-10173-66	SW-7	Soluble	Solid	300.0	16750
880-10173-67	SW-8	Soluble	Solid	300.0	16750
880-10173-68	SW-9	Soluble	Solid	300.0	16750
880-10173-69	SW-10	Soluble	Solid	300.0	16750
880-10173-70	SW-11	Soluble	Solid	300.0	16750
880-10173-71	SW-12	Soluble	Solid	300.0	16750
880-10173-72	SW-13	Soluble	Solid	300.0	16750
880-10173-73	SW-14	Soluble	Solid	300.0	16750
880-10173-74	SW-15	Soluble	Solid	300.0	16750
880-10173-75	SW-16	Soluble	Solid	300.0	16750
880-10173-76	SW-17	Soluble	Solid	300.0	16750
880-10173-77	SW-18	Soluble	Solid	300.0	16750
880-10173-78	SW-19	Soluble	Solid	300.0	16750
880-10173-79	SW-20	Soluble	Solid	300.0	16750
880-10173-80	SW-21	Soluble	Solid	300.0	16750
MB 880-16750/1-A	Method Blank	Soluble	Solid	300.0	16750
LCS 880-16750/2-A	Lab Control Sample	Soluble	Solid	300.0	16750
LCSD 880-16750/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16750
880-10173-61 MS	SW-2	Soluble	Solid	300.0	16750
880-10173-61 MSD	SW-2	Soluble	Solid	300.0	16750
880-10173-71 MS	SW-12	Soluble	Solid	300.0	16750
880-10173-71 MSD	SW-12	Soluble	Solid	300.0	16750

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-1 (4')

Lab Sample ID: 880-10173-1

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 16:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 10:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 03:23	CH	XEN MID

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-10173-2

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 16:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 11:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 03:58	CH	XEN MID

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-10173-3

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 16:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 12:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 04:10	CH	XEN MID

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-10173-4

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 17:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-10173-4

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 12:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 04:22	CH	XEN MID

Client Sample ID: CS-5 (4')

Lab Sample ID: 880-10173-5

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 17:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 12:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 04:34	CH	XEN MID

Client Sample ID: CS-6 (7')

Lab Sample ID: 880-10173-6

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 17:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 13:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 05:09	CH	XEN MID

Client Sample ID: CS-7 (7')

Lab Sample ID: 880-10173-7

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 18:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 13:32	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-7 (7')

Lab Sample ID: 880-10173-7

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 05:21	CH	XEN MID

Client Sample ID: CS-8 (7')

Lab Sample ID: 880-10173-8

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 18:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 13:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 05:33	CH	XEN MID

Client Sample ID: CS-9 (7')

Lab Sample ID: 880-10173-9

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 19:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 14:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 05:45	CH	XEN MID

Client Sample ID: CS-10 (7')

Lab Sample ID: 880-10173-10

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 19:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 14:35	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	16800	01/14/22 05:57	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-11 (7')

Lab Sample ID: 880-10173-11

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 21:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 15:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	16800	01/14/22 06:09	CH	XEN MID

Client Sample ID: CS-12 (7')

Lab Sample ID: 880-10173-12

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 21:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 15:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 06:44	CH	XEN MID

Client Sample ID: CS-13 (7')

Lab Sample ID: 880-10173-13

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 21:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 15:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 06:56	CH	XEN MID

Client Sample ID: CS-14 (7')

Lab Sample ID: 880-10173-14

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 22:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-14 (7')

Lab Sample ID: 880-10173-14

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 16:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 07:32	CH	XEN MID

Client Sample ID: CS-15 (7')

Lab Sample ID: 880-10173-15

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 22:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 16:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 07:44	CH	XEN MID

Client Sample ID: CS-16 (7')

Lab Sample ID: 880-10173-16

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 22:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 17:00	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 07:55	CH	XEN MID

Client Sample ID: CS-17 (7')

Lab Sample ID: 880-10173-17

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 23:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 17:21	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-17 (7')

Lab Sample ID: 880-10173-17

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 08:07	CH	XEN MID

Client Sample ID: CS-18 (7')

Lab Sample ID: 880-10173-18

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 23:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 17:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 08:19	CH	XEN MID

Client Sample ID: CS-19 (7')

Lab Sample ID: 880-10173-19

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/13/22 23:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 18:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 08:31	CH	XEN MID

Client Sample ID: CS-20 (3.5')

Lab Sample ID: 880-10173-20

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16730	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16738	01/14/22 00:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	16713	01/13/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 18:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16634	01/13/22 13:00	CH	XEN MID
Soluble	Analysis	300.0		1			16800	01/14/22 08:43	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-21 (3.5')

Lab Sample ID: 880-10173-21

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 15:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 11:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 04:13	CH	XEN MID

Client Sample ID: CS-22 (3.5')

Lab Sample ID: 880-10173-22

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 16:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 12:13	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 04:34	CH	XEN MID

Client Sample ID: CS-23 (3.5')

Lab Sample ID: 880-10173-23

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 16:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:05	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 12:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 04:41	CH	XEN MID

Client Sample ID: CS-24 (2.5')

Lab Sample ID: 880-10173-24

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 17:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-24 (2.5')

Lab Sample ID: 880-10173-24

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 12:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 04:48	CH	XEN MID

Client Sample ID: CS-25 (2.5')

Lab Sample ID: 880-10173-25

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 17:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 13:13	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 04:55	CH	XEN MID

Client Sample ID: CS-26 (2.5')

Lab Sample ID: 880-10173-26

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 18:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 13:34	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 05:16	CH	XEN MID

Client Sample ID: CS-27 (2.5')

Lab Sample ID: 880-10173-27

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 18:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 13:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16678	01/13/22 14:27	DM	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-27 (2.5')

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 05:23	CH	XEN MID

Client Sample ID: CS-28 (2.5')

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 18:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 05:30	CH	XEN MID

Client Sample ID: CS-29 (2.5')

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 19:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 14:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 05:37	CH	XEN MID

Client Sample ID: CS-30 (2.5')

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 19:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 14:58	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 05:44	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-31 (2.5')

Lab Sample ID: 880-10173-31

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 21:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 15:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 05:51	CH	XEN MID

Client Sample ID: CS-32 (2.5')

Lab Sample ID: 880-10173-32

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 22:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 16:01	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 06:13	CH	XEN MID

Client Sample ID: CS-33 (2.5')

Lab Sample ID: 880-10173-33

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 22:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 16:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 06:20	CH	XEN MID

Client Sample ID: CS-34 (2.5')

Lab Sample ID: 880-10173-34

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 23:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-34 (2.5')

Lab Sample ID: 880-10173-34

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 16:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 06:41	CH	XEN MID

Client Sample ID: CS-35 (2.5')

Lab Sample ID: 880-10173-35

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/13/22 23:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 17:04	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 06:48	CH	XEN MID

Client Sample ID: CS-36 (2.5')

Lab Sample ID: 880-10173-36

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 00:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 17:25	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 06:55	CH	XEN MID

Client Sample ID: CS-37 (2.5')

Lab Sample ID: 880-10173-37

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 00:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 17:45	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-37 (2.5')

Lab Sample ID: 880-10173-37

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 08:26	CH	XEN MID

Client Sample ID: CS-38 (2.5')

Lab Sample ID: 880-10173-38

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 00:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 18:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 08:33	CH	XEN MID

Client Sample ID: CS-39 (2.5')

Lab Sample ID: 880-10173-39

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 01:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 18:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 08:40	CH	XEN MID

Client Sample ID: CS-40 (2.5')

Lab Sample ID: 880-10173-40

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16732	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 01:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16678	01/13/22 14:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16700	01/13/22 18:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16747	01/13/22 11:28	CH	XEN MID
Soluble	Analysis	300.0		1			16799	01/14/22 08:47	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-41 (2.5')

Lab Sample ID: 880-10173-41

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 06:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 11:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 12:29	SC	XEN MID

Client Sample ID: CS-42 (2.5')

Lab Sample ID: 880-10173-42

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 06:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:36	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 12:13	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 12:50	SC	XEN MID

Client Sample ID: CS-43 (2.5')

Lab Sample ID: 880-10173-43

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 06:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 12:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 12:57	SC	XEN MID

Client Sample ID: CS-44 (2.5')

Lab Sample ID: 880-10173-44

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 07:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-44 (2.5')

Lab Sample ID: 880-10173-44

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 12:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 13:04	SC	XEN MID

Client Sample ID: CS-45 (2.5')

Lab Sample ID: 880-10173-45

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 07:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 13:13	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 13:11	SC	XEN MID

Client Sample ID: CS-46 (2.5')

Lab Sample ID: 880-10173-46

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 08:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 13:34	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 13:33	SC	XEN MID

Client Sample ID: CS-47 (2.5')

Lab Sample ID: 880-10173-47

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 08:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 13:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16675	01/13/22 14:22	DM	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-47 (2.5')

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 13:40	SC	XEN MID

Client Sample ID: CS-48 (2.5')

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-48

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 09:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 13:47	SC	XEN MID

Client Sample ID: CS-49 (2.5')

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 09:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 14:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 16:01	SC	XEN MID

Client Sample ID: CS-50 (2.5')

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 10:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 14:58	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 14:01	SC	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-51 (2.5')

Lab Sample ID: 880-10173-51

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 12:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 15:40	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 14:08	SC	XEN MID

Client Sample ID: CS-52 (2.5')

Lab Sample ID: 880-10173-52

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 13:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 16:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 14:29	SC	XEN MID

Client Sample ID: CS-53 (2.5')

Lab Sample ID: 880-10173-53

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 13:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 16:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 14:36	SC	XEN MID

Client Sample ID: CS-54 (2.5')

Lab Sample ID: 880-10173-54

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 13:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-54 (2.5')

Lab Sample ID: 880-10173-54

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 16:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 16:08	SC	XEN MID

Client Sample ID: CS-55 (2.5')

Lab Sample ID: 880-10173-55

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 14:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 17:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 15:04	SC	XEN MID

Client Sample ID: CS-56 (2.5')

Lab Sample ID: 880-10173-56

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 14:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 17:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 15:11	SC	XEN MID

Client Sample ID: CS-57 (2.5')

Lab Sample ID: 880-10173-57

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 15:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 17:45	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: CS-57 (2.5')

Lab Sample ID: 880-10173-57

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 15:19	SC	XEN MID

Client Sample ID: CS-58 (2.5')

Lab Sample ID: 880-10173-58

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 15:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 18:06	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 15:40	SC	XEN MID

Client Sample ID: CS-59 (2.5')

Lab Sample ID: 880-10173-59

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 16:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 18:26	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 15:26	SC	XEN MID

Client Sample ID: SW-1

Lab Sample ID: 880-10173-60

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16733	01/13/22 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16736	01/14/22 17:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16675	01/13/22 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16702	01/13/22 18:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16749	01/13/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			16801	01/14/22 15:33	SC	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-2

Lab Sample ID: 880-10173-61

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16731	01/13/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16809	01/14/22 10:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 20:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 18:22	SC	XEN MID

Client Sample ID: SW-3

Lab Sample ID: 880-10173-62

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16731	01/13/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16809	01/14/22 11:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 21:10	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 18:40	SC	XEN MID

Client Sample ID: SW-4

Lab Sample ID: 880-10173-63

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16731	01/13/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16809	01/14/22 11:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 21:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 18:46	SC	XEN MID

Client Sample ID: SW-5

Lab Sample ID: 880-10173-64

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16731	01/13/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16809	01/14/22 11:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-5

Lab Sample ID: 880-10173-64

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 21:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 18:52	SC	XEN MID

Client Sample ID: SW-6

Lab Sample ID: 880-10173-65

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16731	01/13/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16809	01/14/22 12:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 22:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 18:58	SC	XEN MID

Client Sample ID: SW-7

Lab Sample ID: 880-10173-66

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16731	01/13/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16809	01/14/22 12:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 22:36	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	16802	01/13/22 19:22	SC	XEN MID

Client Sample ID: SW-8

Lab Sample ID: 880-10173-67

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16731	01/13/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16809	01/14/22 13:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 22:57	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-8

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-67

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 19:28	SC	XEN MID

Client Sample ID: SW-9

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-68

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	16731	01/13/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16809	01/14/22 13:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 23:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 19:34	SC	XEN MID

Client Sample ID: SW-10

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-69

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16731	01/13/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16809	01/14/22 13:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/13/22 23:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 19:40	SC	XEN MID

Client Sample ID: SW-11

Date Collected: 01/12/22 00:00

Date Received: 01/13/22 09:22

Lab Sample ID: 880-10173-70

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	16731	01/13/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16809	01/14/22 14:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/14/22 00:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 19:46	SC	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-12

Lab Sample ID: 880-10173-71

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16808	01/14/22 07:28	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16810	01/14/22 12:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/14/22 00:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 19:52	SC	XEN MID

Client Sample ID: SW-13

Lab Sample ID: 880-10173-72

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16808	01/14/22 07:28	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16810	01/14/22 12:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/14/22 01:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 20:10	SC	XEN MID

Client Sample ID: SW-14

Lab Sample ID: 880-10173-73

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16808	01/14/22 07:28	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16810	01/14/22 13:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/14/22 01:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 20:16	SC	XEN MID

Client Sample ID: SW-15

Lab Sample ID: 880-10173-74

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16808	01/14/22 07:28	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16810	01/14/22 13:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-15

Lab Sample ID: 880-10173-74

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/14/22 01:49	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 20:40	SC	XEN MID

Client Sample ID: SW-16

Lab Sample ID: 880-10173-75

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	16808	01/14/22 07:28	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16810	01/14/22 14:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/14/22 02:10	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 20:46	SC	XEN MID

Client Sample ID: SW-17

Lab Sample ID: 880-10173-76

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16808	01/14/22 07:28	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16810	01/14/22 14:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/14/22 02:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 20:51	SC	XEN MID

Client Sample ID: SW-18

Lab Sample ID: 880-10173-77

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16808	01/14/22 07:28	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16810	01/14/22 14:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/14/22 02:53	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Client Sample ID: SW-18

Lab Sample ID: 880-10173-77

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 20:57	SC	XEN MID

Client Sample ID: SW-19

Lab Sample ID: 880-10173-78

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16808	01/14/22 07:28	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16810	01/14/22 15:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/14/22 03:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 21:03	SC	XEN MID

Client Sample ID: SW-20

Lab Sample ID: 880-10173-79

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

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	16808	01/14/22 07:28	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16810	01/14/22 15:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/14/22 03:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 21:09	SC	XEN MID

Client Sample ID: SW-21

Lab Sample ID: 880-10173-80

Date Collected: 01/12/22 00:00

Matrix: Solid

Date Received: 01/13/22 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16808	01/14/22 07:28	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16810	01/14/22 15:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16785	01/13/22 13:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16791	01/13/22 14:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16745	01/13/22 10:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16699	01/14/22 03:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16750	01/13/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			16802	01/13/22 21:15	SC	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Laboratory References:
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

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

Eurofins Midland

Sample Summary

Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-10173-1	CS-1 (4')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-2	CS-2 (4')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-3	CS-3 (4')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-4	CS-4 (4')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-5	CS-5 (4')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-6	CS-6 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-7	CS-7 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-8	CS-8 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-9	CS-9 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-10	CS-10 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-11	CS-11 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-12	CS-12 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-13	CS-13 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-14	CS-14 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-15	CS-15 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-16	CS-16 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-17	CS-17 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-18	CS-18 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-19	CS-19 (7')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-20	CS-20 (3.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-21	CS-21 (3.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-22	CS-22 (3.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-23	CS-23 (3.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-24	CS-24 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-25	CS-25 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-26	CS-26 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-27	CS-27 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-28	CS-28 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-29	CS-29 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-30	CS-30 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-31	CS-31 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-32	CS-32 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-33	CS-33 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-34	CS-34 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-35	CS-35 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-36	CS-36 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-37	CS-37 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-38	CS-38 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-39	CS-39 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-40	CS-40 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-41	CS-41 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-42	CS-42 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-43	CS-43 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-44	CS-44 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-45	CS-45 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-46	CS-46 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-47	CS-47 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-48	CS-48 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-49	CS-49 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-50	CS-50 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-51	CS-51 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-52	CS-52 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-53	CS-53 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-54	CS-54 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22

Sample Summary

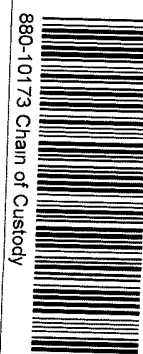
Client: NT Global
Project/Site: Vaca Draw SWD #1

Job ID: 880-10173-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-10173-55	CS-55 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-56	CS-56 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-57	CS-57 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-58	CS-58 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-59	CS-59 (2.5')	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-60	SW-1	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-61	SW-2	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-62	SW-3	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-63	SW-4	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-64	SW-5	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-65	SW-6	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-66	SW-7	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-67	SW-8	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-68	SW-9	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-69	SW-10	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-70	SW-11	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-71	SW-12	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-72	SW-13	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-73	SW-14	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-74	SW-15	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-75	SW-16	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-76	SW-17	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-77	SW-18	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-78	SW-19	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-79	SW-20	Solid	01/12/22 00:00	01/13/22 09:22
880-10173-80	SW-21	Solid	01/12/22 00:00	01/13/22 09:22



Charlo Custody



880-10173 Chain of Custody

Page 1 of 2

Project Manager	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name	NTG Environmental	Company Name	NGL
Address:	701 Tradewinds Blvd	Address	865 North Albion Street Suite 400
City, State ZIP	Midland, TX 79706	City, State ZIP	Denver CO 80220
Phone	432-813-0263	Email	Joseph.Vargo@nngle.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other:	

Project Name	Vaca Draw SWD #1	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	214693	☐ Routine ☒ Rush															None NO	DI Water H ₂ O	
Project Location	Lea Co NM	Due Date	24 Hr														Cool Cool	MeOH Me	
Sampler's Name	CRM	TAT starts the day received by the lab if received by 4:30pm															HCL HC	HNO ₃ HN	
PO #																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐													H ₃ PO ₄ HP		
Received Inact:	Yes ☒ No ☐	Thermometer ID	110														NaHSO ₄ NABIS		
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor	1.0														Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading	20														Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-1 (4)	1/12/2022		X		C	1	X	X	X										
CS-2 (4)	1/12/2022		X		C	1	X	X	X										
CS-3 (4)	1/12/2022		X		C	1	X	X	X										
CS-4 (4)	1/12/2022		X		C	1	X	X	X										
CS-5 (4)	1/12/2022		X		C	1	X	X	X										
CS-6 (7)	1/12/2022		X		C	1	X	X	X										
CS-7 (7)	1/12/2022		X		C	1	X	X	X										
CS-8 (7)	1/12/2022		X		C	1	X	X	X										
CS-9 (7)	1/12/2022		X		C	1	X	X	X										
CS-10 (7)	1/12/2022		X		C	1	X	X	X										

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but no analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Ben Moberg</i>	<i>Joe Vargo</i>	1-13-22 9:45			

Revised Date 05/01/2020 Rev 2020.1



C 4173 Custody

Work Order No: 10173

Page 2 of 8

Project Manager	Mike Camrona	Bill to: (if different)	Joe Varigo
Company Name	NTG Environmental	Company Name	NGL
Address:	701 Tradewinds Blvd	Address	865 North Albion Street, Suite 400
City, State ZIP	Midland TX 79706	City, State ZIP	Denver, CO 80220
Phone:	432-813-0263	Email	Joseph.Varigo@nnglp.com

Work Order Comments	
Program UST/PST	☐ PRP ☐ brownfields ☐ RRC ☐ superfund
State of Project:	
Reporting Level II	☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	Vaca Draw SWD #1	Turn Around		Prs. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number	214693	☐ Routine	☒ Rush													None NO	DI Water H ₂ O	
Project Location	Lea Co NM	Due Date	24 Hr													Cool Cool	MeOH Me	
Sampler's Name	CRM	TAT starts the day received by the lab if received by 4:30pm														HCL HC	HNO ₃ HN	
PO #																H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes	☒ No	Wet Ice	☒ Yes	☐ No	Parameters										HOLD	
Received In tact:	Yes	☒ No	Thermometer ID				BTX 8021B										NaHSO ₄ NABIS	
Cooler Custody Seals:	Yes	☒ No	Correction Factor				TPH 8015M (GR0+DRO+MRO)										Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals:	Yes	☒ No	Temperature Reading				Chloride 300.0										Zn Acetate+NaOH Zn	
Total Containers			Corrected Temperature														NaOH+Ascorbic Acid S APC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-11 (7)	1/12/2022		X		C	1	X	X	X									
CS-12 (7)	1/12/2022		X		C	1	X	X	X									
CS-13 (7)	1/12/2022		X		C	1	X	X	X									
CS-14 (7)	1/12/2022		X		C	1	X	X	X									
CS-15 (7)	1/12/2022		X		C	1	X	X	X									
CS-16 (7)	1/12/2022		X		C	1	X	X	X									
CS-17 (7)	1/12/2022		X		C	1	X	X	X									
CS-18 (7)	1/12/2022		X		C	1	X	X	X									
CS-19 (7)	1/12/2022		X		C	1	X	X	X									
CS-20 (3 5)	1/12/2022		X		C	1	X	X	X									

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Joseph Varigo</i>	<i>Joe Varigo</i>	1-13-22 945			

Revised Date 03012020 Rev 2020.1



Scan & destroy

Work Order No: 10173

Page 3 of 8

Project Manager	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name	NTG Environmental	Company Name	NTG
Address:	701 Tradewinds Blvd	Address	885 North Albion Street Suite 400
City, State ZIP	Midland TX 79706	City, State ZIP	Denver CO 80220
Phone:	432-813-0263	Email	Joseph.Vargo@ntg.com

Work Order Comments	
Program	UST/PT ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project:	
Reporting Level	Level II ☐ Level III ☐ P-ST/UST ☐ RRP ☐ Level IV ☐
Deliverables	EDP ☐ ADAPT ☐ Other: _____

Project Name		Vaca Draw SWD #1		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Donny Garcia</i>	<i>Donny Garcia</i>	1-13-22 9:45			



Client's Cost

Work Order No: 10173

Page 4 of 8

Project Manager	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name	NTG Environmental	Company Name	NGCL
Address:	701 Tradewinds BLVD	Address	865 North Albion Street, Suite 400
City, State ZIP	Midland, TX 79706	City, State ZIP	Denver CO 80220
Phone:	432-813-0263	Email	Joseph.Vargo@ngclp.com

Work Order Comments	
Program ☐ UST/PST ☐ RRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐ Deliverables EDD ☐ ADAPT ☐ Other	

Project Name				Vacca Draw SWD #1				Turn Around				Pres. Code				ANALYSIS REQUEST												Preservative Codes															
Project Number				214693				☐ Routine ☒ Rush				Parameters																None NO															
Project location				Lea Co. NM				Due Date				24 Hr																DI Water- H ₂ O															
Sampler's Name:				CRM				TAT starts the day received by the lab if received by 4:30pm																				Cool Cool															
PO #																												HCL HC															
SAMPLE RECEIPT				Temp Blank.				Yes (No) Wet Ice.				(CS) No																H ₂ SO ₄ H ₂															
Received intact:				(Yes) No				Thermometer ID				IRB																H ₃ PO ₄ HP															
Cooler Custody Seals:				Yes No				(N/A) Correction Factor				-10																NaHSO ₄ NABIS															
Sample Custody Seals:				Yes No				(N/A) Temperature Reading				-10																Na ₂ S ₂ O ₃ NaSO ₃															
Total Containers:								Temperature Reading				-20																Zn Acetate+NaOH Zn															
								Corrected Temperature:																				NaOH+Ascorbic Acid SAPC															
Sample Identification				Date				Time				Soil				Water				Grab/Comp				# of Cont																Sample Comments			
CS-31 (2.5)				1/12/2022								X								C				1				X															
CS-32 (2.5)				1/12/2022								X								C				1				X															
CS-33 (2.5)				1/12/2022								X								C				1				X															
CS-34 (2.5)				1/12/2022								X								C				1				X															
CS-35 (2.5)				1/12/2022								X								C				1				X															
CS-36 (2.5)				1/12/2022								X								C				1				X															
CS-37 (2.5)				1/12/2022								X								C				1				X															
CS-38 (2.5)				1/12/2022								X								C				1				X															
CS-39 (2.5)				1/12/2022								X								C				1				X															
CS-40 (2.5)				1/12/2022								X								C				1				X															

Additional Comments:

service. Significant in this documentation, samples constitutes a valid purchase order from client company to Xencio's affiliates and subcontractors. It assigns standard terms and conditions of service. Xencio 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 Xencio. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencio, but not analyzed; these terms will be enforced unless previously negotiated

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-13-22 9:45			



Chen C, Shih C

Work Order No: 1073

Page 5 of 8

Project Manager	Mike Cammona	Billed to (if different)	Joe Varigo
Company Name	NTG Environmental	Company Name	NGL
Address:	701 Tradewinds BLVD	Address	865 North Albion Street, Suite 400
City, State ZIP	Midland, TX 79706	City, State ZIP	Denver CO 80220
Phone:	432-813-0263	Email	Joseph.Varigo@ndleg.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐ Deliverables EDD ☐ ADAPT ☐ Other:	

[illegible]

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Barbara J. Hines</i>		1-13-22 9:45			



Crain, Cusack

Work Order No: 10173

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Project Manager	Mike Camrona	Bill to (if different)	Joe Vargo
Company Name	NTG Environmental	Company Name	NGL
Address:	701 Tradewinds Blvd	Address	865 North Albion Street, Suite 400
City, State ZIP	Midland, TX 79706	City, State ZIP	Denver CO 80220
Phone	432-813-0263	Email	Joseph.Vargo@nngle.com

Work Order Comments	
Program, UST/PST	PRP Brownfields RRC Superfund
State of Project:	
Reporting Level II	Level III PST/UST RRP Level IV
Deliverables EDD	ADAPT Other

Project Name:	Vaca Draw SWD #1	Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number	214893	☐ Routine	☒ Rush	Due Date	24 Hr											None NO	DI Water H ₂ O		
Project Location	Lea Co, NM	TAT starts the day received by the lab if received by 4:30pm														Cool Cool	MeOH Me		
Sampler's Name	CRM															HCL HC	HNO ₃ HN		
PO #																H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT		Temp Blank	Yes	☒ No	Wet Ice	Yes	☒ No											H ₃ PO ₄ HP	
Received Inact:	(Yes) No	Thermometer ID			Correction Factor	.10												NaHSO ₄ NABIS	
Cooler Custody Seals	Yes No	Temperature Reading			Corrected Temperature	.10												Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes No																	Zn Acetate+NaOH Zn	
Total Containers																		NaOH+Ascorbic Acid SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
CS-51 (2.5')	1/12/2022		X		C	1	X	X	X										
CS-52 (2.5')	1/12/2022		X		C	1	X	X	X										
CS-53 (2.5')	1/12/2022		X		C	1	X	X	X										
CS-54 (2.5')	1/12/2022		X		C	1	X	X	X										
CS-55 (2.5')	1/12/2022		X		C	1	X	X	X										
CS-56 (2.5')	1/12/2022		X		C	1	X	X	X										
CS-57 (2.5')	1/12/2022		X		C	1	X	X	X										
CS-58 (2.5')	1/12/2022		X		C	1	X	X	X										
CS-59 (2.5')	1/12/2022		X		C	1	X	X	X										
SW-1	1/12/2022		X		C	1	X	X	X										

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Joseph Vargo</i>	<i>Joe Vargo</i>	1-13-22 9:45			
		4			
		6			

Revised Date 05012020 Rev. 2020 1



State of Colorado

Work Order No: 10173

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Project Manager	Mike Carmona	Bill to: (if different)	Joe Vargo
Company Name	NTG Environmental	Company Name	NGL
Address	701 Tradewinds Blvd	Address	855 North Albion Street Suite 400
City, State ZIP	Midland, TX 79706	City, State ZIP	Denver CO 80220
Phone:	432-813-0263	Email	Joseph.Vargo@nnglep.com

Project Name		Vaca Draw SWD #1	Turn Around		Prog. Code
Project Number	214693	☐ Routine	☒ Rush		
Project Location	Lea Co NM	Due Date	24 Hr		
Sampler's Name	CRM	TAT starts the day received by the lab if received by 4:30pm			
PO #					

SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	Parameters
	Received Intact:	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐	
	Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor	Yes ☒ No ☐	
	Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	Yes ☒ No ☐	
	Total Containers:	Yes ☒ No ☐	Corrected Temperature	Yes ☒ No ☐	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	
SW-2	1/12/2022		X		C	1	X	X	X								None NO	DI Water H ₂ O
SW-3	1/12/2022		X		C	1	X	X	X								Cool Cool	MeOH Me
SW-4	1/12/2022		X		C	1	X	X	X								HCL HC	HNO ₃ HN
SW-5	1/12/2022		X		C	1	X	X	X								H ₂ SO ₄ H ₂	NaOH Na
SW-6	1/12/2022		X		C	1	X	X	X								H ₃ PO ₄ HP	
SW-7	1/12/2022		X		C	1	X	X	X								NaHSO ₄ NABIS	
SW-8	1/12/2022		X		C	1	X	X	X								Na ₂ S ₂ O ₃ NaSO ₃	
SW-9	1/12/2022		X		C	1	X	X	X								Zn Acetate+NaOH Zn	
SW-10	1/12/2022		X		C	1	X	X	X								NaOH+Ascorbic Acid SAPC	
SW-11	1/12/2022		X		C	1	X	X	X									

Additional Comments:	

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Joseph Vargo</i>	<i>Joe Vargo</i>	1-13-22 9:45			



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Work Order No: 10173

Page 3 of 8

Project Manager	Mike Carrmona	Bill to: (if different)	Joe Vargo
Company Name	NTG Environmental	Company Name	NCL
Address	701 Tradewinds BLVD	Address	865 North Albion Street Suite 400
City, State Zip	Midland, TX 79706	City, State Zip	Denver CO 80220
Phone	432-813-0263	Email	Joseph.Vargo@ntgple.com

Work Order Comments			
Program: UST/PST ☐ RRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐ Deliverables EDD ☐ ADAPT ☐ Other ☐			

[illegible]

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		1-13-22 9:45 ²			
3					
4					
5					

Revised Date 05012020 Rev 2020

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-10173-1

SDG Number: Lea County NM

Login Number: 10173

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-11473-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Vaca Draw SWD #1

For:

Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Conner Moehring

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
2/25/2022 7:37:41 AM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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

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

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Laboratory Job ID: 880-11473-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier 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.
α	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: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Job ID: 880-11473-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-11473-1****Receipt**

The samples were received on 2/21/2022 8:28 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 1.6°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-3D (4') (880-11473-8), H-5 (0-0.5') (880-11473-9), (CCV 880-20021/33), (LCS 880-20070/1-A), (LCSD 880-20070/2-A), (880-11473-A-8-E MS) and (880-11473-A-8-F MSD). 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.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-3A (3') (880-11473-1), S-3A (4') (880-11473-2), S-3B (3') (880-11473-3), S-3B (4') (880-11473-4), S-3C (4') (880-11473-6), (880-11473-A-1-D MS) and (880-11473-A-1-E MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-3D (4') (880-11473-8) and (880-11475-A-1-C MS). 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 Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Client Sample ID: S-3A (3')

Lab Sample ID: 880-11473-1

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 21:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 21:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 21:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/22/22 14:29	02/24/22 21:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 21:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/22/22 14:29	02/24/22 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	02/22/22 14:29	02/24/22 21:22	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/22/22 14:29	02/24/22 21:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/25/22 08:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/22/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 20:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 20:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	02/21/22 11:35	02/21/22 20:58	1
o-Terphenyl	72		70 - 130	02/21/22 11:35	02/21/22 20:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		5.00		mg/Kg			02/23/22 16:28	1

Client Sample ID: S-3A (4')

Lab Sample ID: 880-11473-2

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/22/22 14:29	02/24/22 21:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/22/22 14:29	02/24/22 21:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/22/22 14:29	02/24/22 21:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/22/22 14:29	02/24/22 21:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/22/22 14:29	02/24/22 21:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/22/22 14:29	02/24/22 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	02/22/22 14:29	02/24/22 21:42	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/22/22 14:29	02/24/22 21:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Client Sample ID: S-3A (4')

Lab Sample ID: 880-11473-2

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/22/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 22:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 22:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 22:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	57	S1-	70 - 130				02/21/22 11:35	02/21/22 22:01	1
o-Terphenyl	59	S1-	70 - 130				02/21/22 11:35	02/21/22 22:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.73		4.96		mg/Kg			02/23/22 16:34	1

Client Sample ID: S-3B (3')

Lab Sample ID: 880-11473-3

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 22:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 22:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 22:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/22/22 14:29	02/24/22 22:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 22:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/22/22 14:29	02/24/22 22:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				02/22/22 14:29	02/24/22 22:03	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/22/22 14:29	02/24/22 22:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/25/22 08:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/22/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/21/22 11:35	02/21/22 22:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/21/22 11:35	02/21/22 22:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Client Sample ID: S-3B (3')

Lab Sample ID: 880-11473-3

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/21/22 11:35	02/21/22 22:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				02/21/22 11:35	02/21/22 22:22	1
o-Terphenyl	70		70 - 130				02/21/22 11:35	02/21/22 22:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.82		5.02		mg/Kg			02/23/22 16:40	1

Client Sample ID: S-3B (4')

Lab Sample ID: 880-11473-4

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/22/22 14:29	02/24/22 22:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/22/22 14:29	02/24/22 22:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/22/22 14:29	02/24/22 22:24	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/22/22 14:29	02/24/22 22:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/22/22 14:29	02/24/22 22:24	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/22/22 14:29	02/24/22 22:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				02/22/22 14:29	02/24/22 22:24	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/22/22 14:29	02/24/22 22:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/25/22 08:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/22/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/21/22 11:35	02/21/22 22:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/21/22 11:35	02/21/22 22:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/21/22 11:35	02/21/22 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				02/21/22 11:35	02/21/22 22:42	1
o-Terphenyl	67	S1-	70 - 130				02/21/22 11:35	02/21/22 22:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.85		4.99		mg/Kg			02/23/22 16:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Client Sample ID: S-3C (3')

Lab Sample ID: 880-11473-5

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 22:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 22:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 22:44	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/22/22 14:29	02/24/22 22:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 22:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/22/22 14:29	02/24/22 22:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	02/22/22 14:29	02/24/22 22:44	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/22/22 14:29	02/24/22 22:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/25/22 08:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/22/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 23:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 23:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 23:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	02/21/22 11:35	02/21/22 23:03	1
o-Terphenyl	78		70 - 130	02/21/22 11:35	02/21/22 23:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.03		4.95		mg/Kg			02/23/22 16:53	1

Client Sample ID: S-3C (4')

Lab Sample ID: 880-11473-6

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 23:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 23:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 23:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/22/22 14:29	02/24/22 23:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 23:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/22/22 14:29	02/24/22 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	02/22/22 14:29	02/24/22 23:05	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/22/22 14:29	02/24/22 23:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Client Sample ID: S-3C (4')

Lab Sample ID: 880-11473-6

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/25/22 08:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/22/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 23:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 23:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	58	S1-	70 - 130				02/21/22 11:35	02/21/22 23:24	1
o-Terphenyl	62	S1-	70 - 130				02/21/22 11:35	02/21/22 23:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.48		5.00		mg/Kg			02/23/22 16:59	1

Client Sample ID: S-3D (3')

Lab Sample ID: 880-11473-7

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/22/22 14:29	02/24/22 23:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/22/22 14:29	02/24/22 23:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/22/22 14:29	02/24/22 23:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/22/22 14:29	02/24/22 23:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/22/22 14:29	02/24/22 23:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/22/22 14:29	02/24/22 23:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				02/22/22 14:29	02/24/22 23:26	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/22/22 14:29	02/24/22 23:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/22/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/21/22 09:46	02/22/22 17:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/21/22 09:46	02/22/22 17:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Client Sample ID: S-3D (3')

Lab Sample ID: 880-11473-7

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/21/22 09:46	02/22/22 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/21/22 09:46	02/22/22 17:23	1
o-Terphenyl	71		70 - 130				02/21/22 09:46	02/22/22 17:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		4.99		mg/Kg			02/23/22 17:18	1

Client Sample ID: S-3D (4')

Lab Sample ID: 880-11473-8

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 09:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 09:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 09:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/22/22 15:21	02/23/22 09:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 09:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/22/22 15:21	02/23/22 09:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	198	S1+	70 - 130				02/22/22 15:21	02/23/22 09:42	1
1,4-Difluorobenzene (Surr)	73		70 - 130				02/22/22 15:21	02/23/22 09:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/23/22 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/22/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/21/22 09:46	02/22/22 17:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/21/22 09:46	02/22/22 17:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/21/22 09:46	02/22/22 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				02/21/22 09:46	02/22/22 17:44	1
o-Terphenyl	70		70 - 130				02/21/22 09:46	02/22/22 17:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.34		5.05		mg/Kg			02/23/22 17:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-11473-9

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 10:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 10:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 10:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/22/22 15:21	02/23/22 10:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 10:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/22/22 15:21	02/23/22 10:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130	02/22/22 15:21	02/23/22 10:09	1
1,4-Difluorobenzene (Surr)	77		70 - 130	02/22/22 15:21	02/23/22 10:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/23/22 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/22/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/21/22 09:46	02/22/22 18:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/21/22 09:46	02/22/22 18:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/21/22 09:46	02/22/22 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	02/21/22 09:46	02/22/22 18:05	1
o-Terphenyl	72		70 - 130	02/21/22 09:46	02/22/22 18:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.07		4.98		mg/Kg			02/23/22 17:44	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-11473-1	S-3A (3')	131 S1+	95
880-11473-2	S-3A (4')	71	112
880-11473-3	S-3B (3')	101	85
880-11473-4	S-3B (4')	72	99
880-11473-5	S-3C (3')	76	105
880-11473-6	S-3C (4')	72	90
880-11473-7	S-3D (3')	100	94
880-11473-8	S-3D (4')	198 S1+	73
880-11473-8 MS	S-3D (4')	171 S1+	81
880-11473-8 MSD	S-3D (4')	170 S1+	82
880-11473-9	H-5 (0-0.5')	175 S1+	77
890-1938-A-6-Q MS	Matrix Spike	110	84
890-1938-A-6-R MSD	Matrix Spike Duplicate	146 S1+	105
LCS 880-20055/1-A	Lab Control Sample	97	102
LCS 880-20070/1-A	Lab Control Sample	175 S1+	88
LCSD 880-20055/2-A	Lab Control Sample Dup	99	96
LCSD 880-20070/2-A	Lab Control Sample Dup	160 S1+	90
MB 880-20024/5-A	Method Blank	120	73
MB 880-20055/5-A	Method Blank	112	97
MB 880-20070/5-A	Method Blank	118	71
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 (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-11473-1	S-3A (3')	67 S1-	72
880-11473-1 MS	S-3A (3')	63 S1-	53 S1-
880-11473-1 MSD	S-3A (3')	73	61 S1-
880-11473-2	S-3A (4')	57 S1-	59 S1-
880-11473-3	S-3B (3')	65 S1-	70
880-11473-4	S-3B (4')	65 S1-	67 S1-
880-11473-5	S-3C (3')	73	78
880-11473-6	S-3C (4')	58 S1-	62 S1-
880-11473-7	S-3D (3')	73	71
880-11473-8	S-3D (4')	69 S1-	70
880-11473-9	H-5 (0-0.5')	73	72
880-11475-A-1-C MS	Matrix Spike	67 S1-	72
880-11475-A-1-D MSD	Matrix Spike Duplicate	78	74
LCS 880-19908/2-A	Lab Control Sample	114	114
LCSD 880-19908/3-A	Lab Control Sample Dup	118	122
MB 880-19908/1-A	Method Blank	74	88
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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Surrogate Summary

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO2	OTPH2				
		(70-130)	(70-130)				
LCS 880-19904/2-A	Lab Control Sample	92	103				
LCSD 880-19904/3-A	Lab Control Sample Dup	104	122				
MB 880-19904/1-A	Method Blank	95	101				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

QC Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-20024/5-A

Matrix: Solid

Analysis Batch: 20021

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20024

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/22/22 08:49	02/22/22 12:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/22/22 08:49	02/22/22 12:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/22/22 08:49	02/22/22 12:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/22/22 08:49	02/22/22 12:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/22/22 08:49	02/22/22 12:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/22/22 08:49	02/22/22 12:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	02/22/22 08:49	02/22/22 12:32	1
1,4-Difluorobenzene (Surr)	73		70 - 130	02/22/22 08:49	02/22/22 12:32	1

Lab Sample ID: MB 880-20055/5-A

Matrix: Solid

Analysis Batch: 20204

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20055

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 15:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 15:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 15:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/22/22 14:29	02/24/22 15:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/22/22 14:29	02/24/22 15:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/22/22 14:29	02/24/22 15:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/22/22 14:29	02/24/22 15:28	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/22/22 14:29	02/24/22 15:28	1

Lab Sample ID: LCS 880-20055/1-A

Matrix: Solid

Analysis Batch: 20204

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1071		mg/Kg		107	70 - 130
Toluene	0.100	0.09671		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2109		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1029		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-20055/2-A

Matrix: Solid

Analysis Batch: 20204

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 20055

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	0	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-20055/2-A

Matrix: Solid

Analysis Batch: 20204

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 20055

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.09998		mg/Kg		100	70 - 130	3	35
Ethylbenzene	0.100	0.1022		mg/Kg		102	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2139		mg/Kg		107	70 - 130	1	35
o-Xylene	0.100	0.1053		mg/Kg		105	70 - 130	2	35

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

Lab Sample ID: 890-1938-A-6-Q MS

Matrix: Solid

Analysis Batch: 20204

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 20055

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1 F2	0.101	0.06098	F1	mg/Kg		60	70 - 130
Toluene	<0.00199	U F1 F2	0.101	0.06528	F1	mg/Kg		65	70 - 130
Ethylbenzene	<0.00199	U F1 F2	0.101	0.06353	F1	mg/Kg		63	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.202	0.1305	F1	mg/Kg		65	70 - 130
o-Xylene	<0.00199	U F1 F2	0.101	0.06620	F1	mg/Kg		66	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 890-1938-A-6-R MSD

Matrix: Solid

Analysis Batch: 20204

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 20055

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1 F2	0.0998	0.007909	F1 F2	mg/Kg		8	70 - 130	154	35
Toluene	<0.00199	U F1 F2	0.0998	<0.00200	U F1 F2	mg/Kg		2	70 - 130	189	35
Ethylbenzene	<0.00199	U F1 F2	0.0998	0.006139	F1 F2	mg/Kg		6	70 - 130	165	35
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.200	0.009017	F1 F2	mg/Kg		5	70 - 130	174	35
o-Xylene	<0.00199	U F1 F2	0.0998	0.003313	F1 F2	mg/Kg		3	70 - 130	181	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-20070/5-A

Matrix: Solid

Analysis Batch: 20021

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 09:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 09:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 09:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/22/22 15:21	02/23/22 09:15	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-20070/5-A

Matrix: Solid

Analysis Batch: 20021

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/22/22 15:21	02/23/22 09:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/22/22 15:21	02/23/22 09:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	02/22/22 15:21	02/23/22 09:15	1
1,4-Difluorobenzene (Surr)	71		70 - 130	02/22/22 15:21	02/23/22 09:15	1

Lab Sample ID: LCS 880-20070/1-A

Matrix: Solid

Analysis Batch: 20021

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09229		mg/Kg		92	70 - 130
Toluene	0.100	0.1031		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1091		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2323		mg/Kg		116	70 - 130
o-Xylene	0.100	0.1211		mg/Kg		121	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: LCSD 880-20070/2-A

Matrix: Solid

Analysis Batch: 20021

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 20070

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08443		mg/Kg		84	70 - 130	9	35
Toluene	0.100	0.09693		mg/Kg		97	70 - 130	6	35
Ethylbenzene	0.100	0.1019		mg/Kg		102	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2146		mg/Kg		107	70 - 130	8	35
o-Xylene	0.100	0.1125		mg/Kg		112	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-11473-8 MS

Matrix: Solid

Analysis Batch: 20021

Client Sample ID: S-3D (4')

Prep Type: Total/NA

Prep Batch: 20070

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0998	0.1038		mg/Kg		104	70 - 130
Toluene	<0.00200	U	0.0998	0.1150		mg/Kg		115	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.1147		mg/Kg		115	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2364		mg/Kg		118	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1185		mg/Kg		119	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-11473-8 MS

Matrix: Solid

Analysis Batch: 20021

Client Sample ID: S-3D (4')

Prep Type: Total/NA

Prep Batch: 20070

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: 880-11473-8 MSD

Matrix: Solid

Analysis Batch: 20021

Client Sample ID: S-3D (4')

Prep Type: Total/NA

Prep Batch: 20070

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0992	0.07988		mg/Kg		81	70 - 130	26	35
Toluene	<0.00200	U	0.0992	0.09431		mg/Kg		95	70 - 130	20	35
Ethylbenzene	<0.00200	U	0.0992	0.09956		mg/Kg		100	70 - 130	14	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.2088		mg/Kg		105	70 - 130	12	35
o-Xylene	<0.00200	U	0.0992	0.1094		mg/Kg		110	70 - 130	8	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

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

Lab Sample ID: MB 880-19904/1-A

Matrix: Solid

Analysis Batch: 20020

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19904

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/21/22 09:46	02/22/22 09:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/21/22 09:46	02/22/22 09:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/21/22 09:46	02/22/22 09:24	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	95		70 - 130	02/21/22 09:46	02/22/22 09:24	1			
o-Terphenyl	101		70 - 130	02/21/22 09:46	02/22/22 09:24	1			

Lab Sample ID: LCS 880-19904/2-A

Matrix: Solid

Analysis Batch: 20020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19904

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	864.8		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	858.9		mg/Kg		86	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	103		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-19904/3-A

Matrix: Solid

Analysis Batch: 20020

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19904

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1009		mg/Kg		101	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	988.0		mg/Kg		99	70 - 130	14	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	104		70 - 130						
o-Terphenyl	122		70 - 130						

Lab Sample ID: 880-11475-A-1-C MS

Matrix: Solid

Analysis Batch: 20020

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 19904

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	1000	946.0		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	1000	1181		mg/Kg		116	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	67	S1-	70 - 130								
o-Terphenyl	72		70 - 130								

Lab Sample ID: 880-11475-A-1-D MSD

Matrix: Solid

Analysis Batch: 20020

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 19904

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	998	1229	F2	mg/Kg		119	70 - 130	26	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	1396	F1	mg/Kg		138	70 - 130	17	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	74		70 - 130								

Lab Sample ID: MB 880-19908/1-A

Matrix: Solid

Analysis Batch: 19889

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19908

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 19:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 19:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/21/22 11:35	02/21/22 19:55	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-19908/1-A

Matrix: Solid

Analysis Batch: 19889

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19908

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	02/21/22 11:35	02/21/22 19:55	1
o-Terphenyl	88		70 - 130	02/21/22 11:35	02/21/22 19:55	1

Lab Sample ID: LCS 880-19908/2-A

Matrix: Solid

Analysis Batch: 19889

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19908

			Spike	LCS	LCS				%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	879.4		mg/Kg		88	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1025		mg/Kg		102	70 - 130	

	LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	114		70 - 130			
o-Terphenyl	114		70 - 130			

Lab Sample ID: LCSD 880-19908/3-A

Matrix: Solid

Analysis Batch: 19889

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19908

			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	929.6		mg/Kg		93	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	1117		mg/Kg		112	70 - 130	9	20

	LCSD	LCSD				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	118		70 - 130			
o-Terphenyl	122		70 - 130			

Lab Sample ID: 880-11473-1 MS

Matrix: Solid

Analysis Batch: 19889

Client Sample ID: S-3A (3')

Prep Type: Total/NA

Prep Batch: 19908

	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	1000	1018		mg/Kg		100	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1067		mg/Kg		104	70 - 130	

	MS	MS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	63	S1-	70 - 130			
o-Terphenyl	53	S1-	70 - 130			

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QC Sample Results

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-11473-1 MSD

Matrix: Solid

Analysis Batch: 19889

Client Sample ID: S-3A (3')

Prep Type: Total/NA

Prep Batch: 19908

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1185		mg/Kg		117	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1241		mg/Kg		122	70 - 130	15	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	73		70 - 130								
o-Terphenyl	61	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-19900/1-A

Matrix: Solid

Analysis Batch: 20072

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/23/22 15:03	1

Lab Sample ID: LCS 880-19900/2-A

Matrix: Solid

Analysis Batch: 20072

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	248.4		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-19900/3-A

Matrix: Solid

Analysis Batch: 20072

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	245.9		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-11473-6 MS

Matrix: Solid

Analysis Batch: 20072

Client Sample ID: S-3C (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	8.48		250	247.8		mg/Kg		96	90 - 110

Lab Sample ID: 880-11473-6 MSD

Matrix: Solid

Analysis Batch: 20072

Client Sample ID: S-3C (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	8.48		250	255.8		mg/Kg		99	90 - 110	3	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 20021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-8	S-3D (4')	Total/NA	Solid	8021B	20070
880-11473-9	H-5 (0-0.5')	Total/NA	Solid	8021B	20070
MB 880-20024/5-A	Method Blank	Total/NA	Solid	8021B	20024
MB 880-20070/5-A	Method Blank	Total/NA	Solid	8021B	20070
LCS 880-20070/1-A	Lab Control Sample	Total/NA	Solid	8021B	20070
LCSD 880-20070/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	20070
880-11473-8 MS	S-3D (4')	Total/NA	Solid	8021B	20070
880-11473-8 MSD	S-3D (4')	Total/NA	Solid	8021B	20070

Prep Batch: 20024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-20024/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 20055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-1	S-3A (3')	Total/NA	Solid	5035	
880-11473-2	S-3A (4')	Total/NA	Solid	5035	
880-11473-3	S-3B (3')	Total/NA	Solid	5035	
880-11473-4	S-3B (4')	Total/NA	Solid	5035	
880-11473-5	S-3C (3')	Total/NA	Solid	5035	
880-11473-6	S-3C (4')	Total/NA	Solid	5035	
880-11473-7	S-3D (3')	Total/NA	Solid	5035	
MB 880-20055/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-20055/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-20055/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1938-A-6-Q MS	Matrix Spike	Total/NA	Solid	5035	
890-1938-A-6-R MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 20070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-8	S-3D (4')	Total/NA	Solid	5035	
880-11473-9	H-5 (0-0.5')	Total/NA	Solid	5035	
MB 880-20070/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-20070/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-20070/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-11473-8 MS	S-3D (4')	Total/NA	Solid	5035	
880-11473-8 MSD	S-3D (4')	Total/NA	Solid	5035	

Analysis Batch: 20168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-8	S-3D (4')	Total/NA	Solid	Total BTEX	
880-11473-9	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 20204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-1	S-3A (3')	Total/NA	Solid	8021B	20055
880-11473-2	S-3A (4')	Total/NA	Solid	8021B	20055
880-11473-3	S-3B (3')	Total/NA	Solid	8021B	20055
880-11473-4	S-3B (4')	Total/NA	Solid	8021B	20055
880-11473-5	S-3C (3')	Total/NA	Solid	8021B	20055
880-11473-6	S-3C (4')	Total/NA	Solid	8021B	20055

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 20204 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-7	S-3D (3')	Total/NA	Solid	8021B	20055
MB 880-20055/5-A	Method Blank	Total/NA	Solid	8021B	20055
LCS 880-20055/1-A	Lab Control Sample	Total/NA	Solid	8021B	20055
LCSD 880-20055/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	20055
890-1938-A-6-Q MS	Matrix Spike	Total/NA	Solid	8021B	20055
890-1938-A-6-R MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	20055

Analysis Batch: 20292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-1	S-3A (3')	Total/NA	Solid	Total BTEX	
880-11473-2	S-3A (4')	Total/NA	Solid	Total BTEX	
880-11473-3	S-3B (3')	Total/NA	Solid	Total BTEX	
880-11473-4	S-3B (4')	Total/NA	Solid	Total BTEX	
880-11473-5	S-3C (3')	Total/NA	Solid	Total BTEX	
880-11473-6	S-3C (4')	Total/NA	Solid	Total BTEX	
880-11473-7	S-3D (3')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 19889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-1	S-3A (3')	Total/NA	Solid	8015B NM	19908
880-11473-2	S-3A (4')	Total/NA	Solid	8015B NM	19908
880-11473-3	S-3B (3')	Total/NA	Solid	8015B NM	19908
880-11473-4	S-3B (4')	Total/NA	Solid	8015B NM	19908
880-11473-5	S-3C (3')	Total/NA	Solid	8015B NM	19908
880-11473-6	S-3C (4')	Total/NA	Solid	8015B NM	19908
MB 880-19908/1-A	Method Blank	Total/NA	Solid	8015B NM	19908
LCS 880-19908/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	19908
LCSD 880-19908/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	19908
880-11473-1 MS	S-3A (3')	Total/NA	Solid	8015B NM	19908
880-11473-1 MSD	S-3A (3')	Total/NA	Solid	8015B NM	19908

Prep Batch: 19904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-7	S-3D (3')	Total/NA	Solid	8015NM Prep	
880-11473-8	S-3D (4')	Total/NA	Solid	8015NM Prep	
880-11473-9	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-19904/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-19904/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-19904/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-11475-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-11475-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 19908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-1	S-3A (3')	Total/NA	Solid	8015NM Prep	
880-11473-2	S-3A (4')	Total/NA	Solid	8015NM Prep	
880-11473-3	S-3B (3')	Total/NA	Solid	8015NM Prep	
880-11473-4	S-3B (4')	Total/NA	Solid	8015NM Prep	
880-11473-5	S-3C (3')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 19908 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-6	S-3C (4')	Total/NA	Solid	8015NM Prep	
MB 880-19908/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-19908/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-19908/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-11473-1 MS	S-3A (3')	Total/NA	Solid	8015NM Prep	
880-11473-1 MSD	S-3A (3')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 20020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-7	S-3D (3')	Total/NA	Solid	8015B NM	19904
880-11473-8	S-3D (4')	Total/NA	Solid	8015B NM	19904
880-11473-9	H-5 (0-0.5')	Total/NA	Solid	8015B NM	19904
MB 880-19904/1-A	Method Blank	Total/NA	Solid	8015B NM	19904
LCS 880-19904/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	19904
LCSD 880-19904/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	19904
880-11475-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	19904
880-11475-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	19904

Analysis Batch: 20080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-1	S-3A (3')	Total/NA	Solid	8015 NM	
880-11473-2	S-3A (4')	Total/NA	Solid	8015 NM	
880-11473-3	S-3B (3')	Total/NA	Solid	8015 NM	
880-11473-4	S-3B (4')	Total/NA	Solid	8015 NM	
880-11473-5	S-3C (3')	Total/NA	Solid	8015 NM	
880-11473-6	S-3C (4')	Total/NA	Solid	8015 NM	
880-11473-7	S-3D (3')	Total/NA	Solid	8015 NM	
880-11473-8	S-3D (4')	Total/NA	Solid	8015 NM	
880-11473-9	H-5 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 19900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-1	S-3A (3')	Soluble	Solid	DI Leach	
880-11473-2	S-3A (4')	Soluble	Solid	DI Leach	
880-11473-3	S-3B (3')	Soluble	Solid	DI Leach	
880-11473-4	S-3B (4')	Soluble	Solid	DI Leach	
880-11473-5	S-3C (3')	Soluble	Solid	DI Leach	
880-11473-6	S-3C (4')	Soluble	Solid	DI Leach	
880-11473-7	S-3D (3')	Soluble	Solid	DI Leach	
880-11473-8	S-3D (4')	Soluble	Solid	DI Leach	
880-11473-9	H-5 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-19900/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-19900/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-19900/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-11473-6 MS	S-3C (4')	Soluble	Solid	DI Leach	
880-11473-6 MSD	S-3C (4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

HPLC/IC

Analysis Batch: 20072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11473-1	S-3A (3')	Soluble	Solid	300.0	19900
880-11473-2	S-3A (4')	Soluble	Solid	300.0	19900
880-11473-3	S-3B (3')	Soluble	Solid	300.0	19900
880-11473-4	S-3B (4')	Soluble	Solid	300.0	19900
880-11473-5	S-3C (3')	Soluble	Solid	300.0	19900
880-11473-6	S-3C (4')	Soluble	Solid	300.0	19900
880-11473-7	S-3D (3')	Soluble	Solid	300.0	19900
880-11473-8	S-3D (4')	Soluble	Solid	300.0	19900
880-11473-9	H-5 (0-0.5')	Soluble	Solid	300.0	19900
MB 880-19900/1-A	Method Blank	Soluble	Solid	300.0	19900
LCS 880-19900/2-A	Lab Control Sample	Soluble	Solid	300.0	19900
LCSD 880-19900/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	19900
880-11473-6 MS	S-3C (4')	Soluble	Solid	300.0	19900
880-11473-6 MSD	S-3C (4')	Soluble	Solid	300.0	19900

Lab Chronicle

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Client Sample ID: S-3A (3')

Lab Sample ID: 880-11473-1

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	20055	02/22/22 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20204	02/24/22 21:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20292	02/25/22 08:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20080	02/22/22 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19908	02/21/22 11:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19889	02/21/22 20:58	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	19900	02/21/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			20072	02/23/22 16:28	CH	XEN MID

Client Sample ID: S-3A (4')

Lab Sample ID: 880-11473-2

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

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	20055	02/22/22 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20204	02/24/22 21:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20292	02/25/22 08:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20080	02/22/22 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19908	02/21/22 11:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19889	02/21/22 22:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	19900	02/21/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			20072	02/23/22 16:34	CH	XEN MID

Client Sample ID: S-3B (3')

Lab Sample ID: 880-11473-3

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	20055	02/22/22 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20204	02/24/22 22:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20292	02/25/22 08:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20080	02/22/22 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19908	02/21/22 11:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19889	02/21/22 22:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	19900	02/21/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			20072	02/23/22 16:40	CH	XEN MID

Client Sample ID: S-3B (4')

Lab Sample ID: 880-11473-4

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	20055	02/22/22 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20204	02/24/22 22:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20292	02/25/22 08:24	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Client Sample ID: S-3B (4')

Lab Sample ID: 880-11473-4

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			20080	02/22/22 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	19908	02/21/22 11:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19889	02/21/22 22:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	19900	02/21/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			20072	02/23/22 16:47	CH	XEN MID

Client Sample ID: S-3C (3')

Lab Sample ID: 880-11473-5

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	20055	02/22/22 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20204	02/24/22 22:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20292	02/25/22 08:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20080	02/22/22 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19908	02/21/22 11:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19889	02/21/22 23:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	19900	02/21/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			20072	02/23/22 16:53	CH	XEN MID

Client Sample ID: S-3C (4')

Lab Sample ID: 880-11473-6

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	20055	02/22/22 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20204	02/24/22 23:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20292	02/25/22 08:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20080	02/22/22 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19908	02/21/22 11:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19889	02/21/22 23:24	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	19900	02/21/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			20072	02/23/22 16:59	CH	XEN MID

Client Sample ID: S-3D (3')

Lab Sample ID: 880-11473-7

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

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	20055	02/22/22 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20204	02/24/22 23:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20292	02/25/22 08:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20080	02/22/22 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19904	02/21/22 09:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20020	02/22/22 17:23	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Client Sample ID: S-3D (3')

Lab Sample ID: 880-11473-7

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	19900	02/21/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			20072	02/23/22 17:18	CH	XEN MID

Client Sample ID: S-3D (4')

Lab Sample ID: 880-11473-8

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	20070	02/22/22 15:21	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20021	02/23/22 09:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20168	02/23/22 16:42	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20080	02/22/22 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	19904	02/21/22 09:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20020	02/22/22 17:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	19900	02/21/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			20072	02/23/22 17:25	CH	XEN MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-11473-9

Date Collected: 02/15/22 00:00

Matrix: Solid

Date Received: 02/21/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	20070	02/22/22 15:21	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20021	02/23/22 10:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20168	02/23/22 16:42	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20080	02/22/22 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19904	02/21/22 09:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20020	02/22/22 18:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	19900	02/21/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			20072	02/23/22 17:44	CH	XEN MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Vaca Draw SWD #1

Job ID: 880-11473-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-11473-1	S-3A (3')	Solid	02/15/22 00:00	02/21/22 08:28
880-11473-2	S-3A (4')	Solid	02/15/22 00:00	02/21/22 08:28
880-11473-3	S-3B (3')	Solid	02/15/22 00:00	02/21/22 08:28
880-11473-4	S-3B (4')	Solid	02/15/22 00:00	02/21/22 08:28
880-11473-5	S-3C (3')	Solid	02/15/22 00:00	02/21/22 08:28
880-11473-6	S-3C (4')	Solid	02/15/22 00:00	02/21/22 08:28
880-11473-7	S-3D (3')	Solid	02/15/22 00:00	02/21/22 08:28
880-11473-8	S-3D (4')	Solid	02/15/22 00:00	02/21/22 08:28
880-11473-9	H-5 (0-0.5')	Solid	02/15/22 00:00	02/21/22 08:28

Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver CO 80220
Phone	432 813 6623	Email	Joseph.vargo@ndlp.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADaPT ☐ Other	

Project Name.	Vaca Draw SWD#1	Turn Around		Pres. Code	ANALYSIS REQUEST							Preservative Codes										
Project Number		☐ Routine	☒ Rush													None NO	Dl Water- H ₂ O					
Project Location	Lea Co., NM	Due Date	72 Hrs													Cool Cool	MeOH Me					
Sampler's Name,	CRM			TAT starts the day received by the lab, if received by 4:30pm												HCL, HC	HNO ₃ , HN					
PO #:																H ₂ SO ₄ , H ₂	NaOH Na					
SAMPLE RECEIPT																	H ₃ PO ₄ , HP					
Received In tact.	Temp Blank Yes No	Yes Yes	Wet Ice Thermometer ID.	(Yes) No													NaHSO ₄ , NABIS					
Cooler Custody Seals.	Yes No	N/A	Correction Factor	-6.1													Na ₂ S ₂ O ₃ , NaSO ₃					
Sample Custody Seals.	Yes No	N/A	Temperature Reading	55.17													Zn Acetate+NaOH Zn					
Total Containers			Corrected Temperature	1.0													NaOH+Ascorbic Acid SAPC					
				Parameters	BTEX 8021B	I 8015M (GRO + DRO + MRO)									Chloride 300.0				HOLD			

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions for service. Xenoco 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 Xenoco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted for analysis. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Ben Myer</i>	<i>[Signature]</i>	2/21/22			
		5/28/28			



880-11473 Chain of Custody

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-11473-1

SDG Number: Lea Co, NM

Login Number: 11473

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Midland

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	

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

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

CONDITIONS

Action 90317

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 90317
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	Closure approved.	4/6/2022