



Site Information

**Closure Report
Cobalt Riser
Lea County, New Mexico
Unit M Sec 32 T24S R34E
Incident #: NAPP2131550016
32.170011°, -103.498895°**

**Produced Water Release
Source: ½" pressure transmitter failure on booster pump
Release Date: 10/27/21
Volume Released: 25 bbls/Produced Water
Volume Recovered: 0 bbls/Produced Water**

**Prepared for:
EOG Resources
5509 Champions Dr.
Midland, TX 79706**

**Prepared by:
NTG Environmental
701 Tradewinds Blvd
Suite C
Midland, TX 79706**



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Tel. 432.685.3898
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January 14, 2022

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

**Re: Closure Report
Cobalt Riser
EOG Resources Inc.
Incident # NAPP213550016
Site Location: Unit M, S32, T24S, R34E
(Lat 32.170011°, Long -103.498895°)
Lea County, New Mexico**

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document the Cobalt Riser Release site assessment and remediation activities. The site is located at 32.170011°, -103.498895° within Unit M, S32, T24S, R34E, in Lea County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on October 27, 2021, due to a ½" pressure transmitter failing on the booster. It resulted in the release of approximately twenty-five (25) barrels of produced water. Zero (0) barrels of produced water were recovered. The impacted area is shown on Figure 3.

Site Characterization

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 features within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.82 miles Northwest of the site in S24, T24S, R33E. The well has a reported depth to groundwater of 17.56 feet below ground surface (ft bgs) and was drilled in 1991. A copy of the associated *National Water Information System* report is attached in Appendix B.

Regulatory Criteria

In accordance with 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

Site Assessment

On November 17, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the release. A total of thirteen (13) sample points were advanced to depths ranging surface – 4.5 ft bgs within and surrounding the release area to assess potential impacts' vertically and horizontally. The soil sample locations are shown on Figure 3. 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 Cardinal Laboratories in Hobbs, New Mexico. 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 4500. The laboratory reports containing analytical methods, results, and chain-of-custody documents are attached in Appendix C. The analytical results are provided in Table 1.

The areas of (S-2 and S-3) showed TPH, chloride, benzene, and Total BTEX concentrations below the regulatory limits at a depth of 1.5' below surface and 3.5' below the surface. The areas of (S-1, S-4, and S-5) showed high chloride and TPH concentrations. Refer to Table 1.

Trenching Activities

On December 21, 2021, NTGE conducted site assessment activities to vertically delineate the areas of S1, S-4, and S-5. A total of three (3) trenches were installed to depths ranging surface – 4.0 ft bgs. The trench sample locations are shown on Figure 3. 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 in Midland, Texas. 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 C. The analytical results are provided in Table 1.

All areas were vertically defined. Refer to Table 1.

Remediation Activities and Confirmation Sampling

New Tech Global Environmental personnel were onsite between January 3 - 6, 2021, supervising the remediation activities and collecting confirmation samples. Before remediation activities, the site was hydro vacuumed and hand spotted.

A total of thirty-five (35) confirmation samples were collected (CS-1 through CS-35), and twenty-eight (28) sidewall samples (SW-1 through SW-28) were collected every 200

square feet to ensure proper removal of the contaminated soils. 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 at Eurofins Laboratories in Midland, Texas. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. 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 760 cubic yards of material were excavated and transported offsite for proper disposal.

Conclusions

Based on the assessment finding and the analytical results, no further actions are required at the site. The final C-141 is attached, and EOG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely,

NTG Environmental

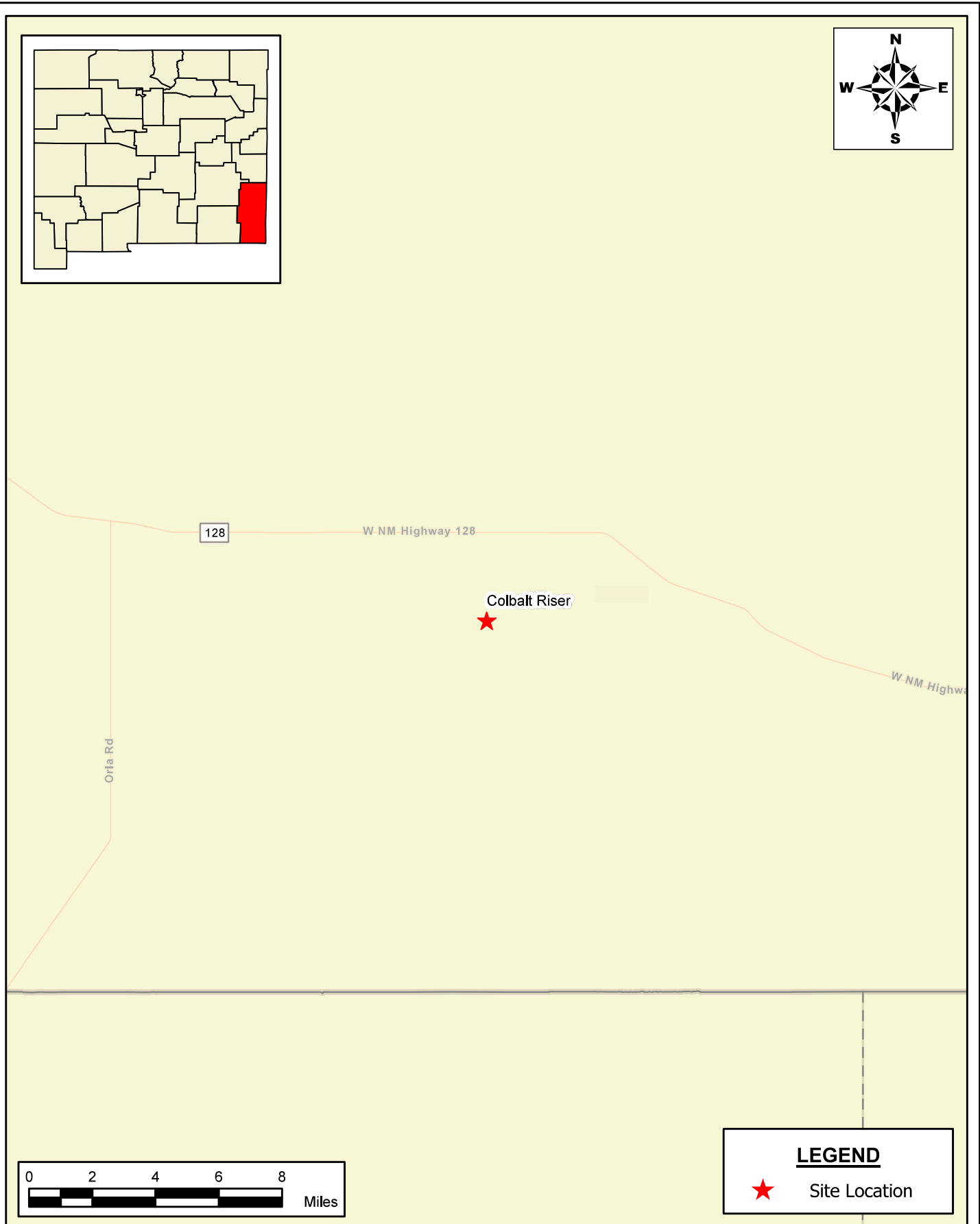


Mike Carmona
Senior Project Manager



Figures

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SITE LOCATION MAP
EOG RESOURCES
COLBALT RISER
LEA COUNTY, NEW MEXICO
 32.170011, -103.498895

SCALE: As Shown

Date: 1/13/2022

PROJECT #: 214894



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
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NOTES:

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

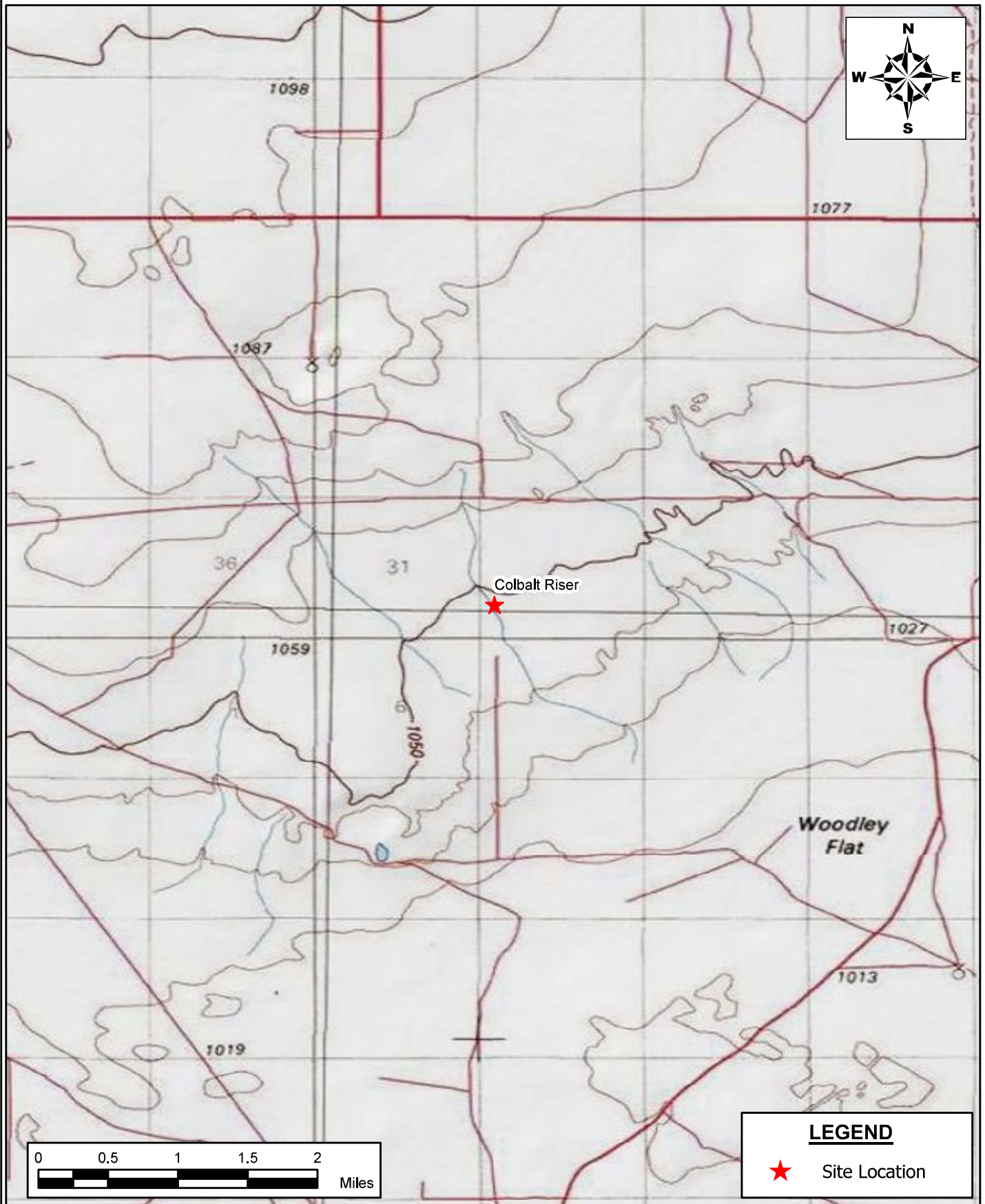
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FIGURE 1

SHEET NUMBER:

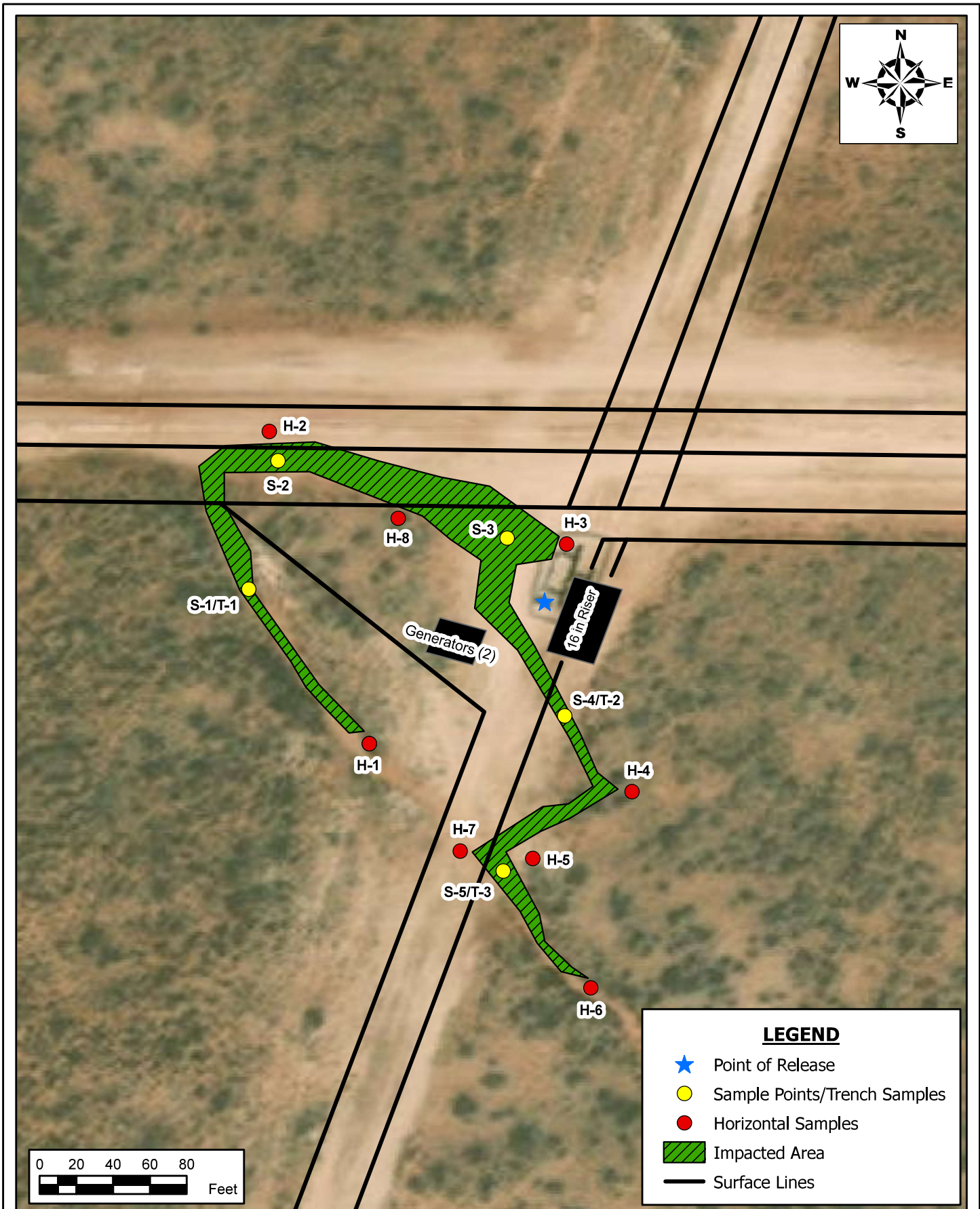
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AREA MAP EOG RESOURCES COLBALT RISER LEA COUNTY, NEW MEXICO 32.170011, -103.498895			 New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntglobal.com		NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N		DRAWING NUMBER: FIGURE 2 SHEET NUMBER: 1 of 1	
SCALE: As Shown	Date: 1/13/2022	PROJECT #: 214894						

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SAMPLE LOCATION MAP
EOG RESOURCES
COLBALT RISER
 LEA COUNTY, NEW MEXICO
 32.170011, -103.498895

SCALE: As Shown

Date: 12/29/2021

PROJECT #: 214894



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NOTES:

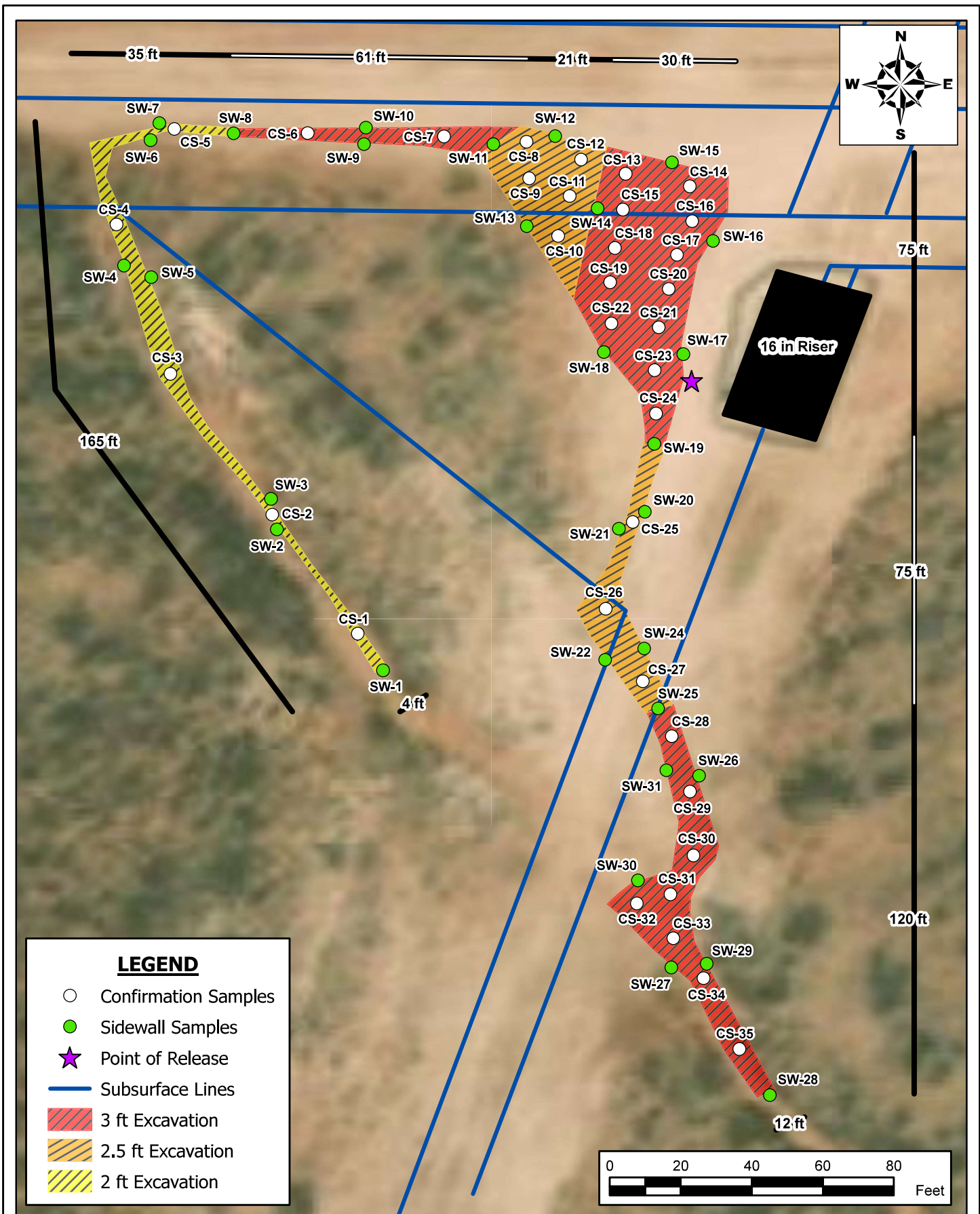
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

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FIGURE 3

SHEET NUMBER:

1 of 1



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EXCAVATION DEPTH MAP
EOG RESOURCES
 COLBALT RISER
 LEA COUNTY, NEW MEXICO
 32.170011, -103.498895

SCALE: As Shown

Date: 1/14/2022

PROJECT #: 214894



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NOTES:

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

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FIGURE 4

SHEET NUMBER:

1 of 1



Tables

Table 1
EOG Resources
Cobalt Riser
Lea County, New Mexico

Sample ID	Date	Sample 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						
S-1	11/17/2021	0-1'	<10.0	1,800	347	2,147	<0.050	0.098	<0.050	<0.150	<0.300	3,280
T-1	12/21/2021	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,030
	"	1'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,940
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6.09
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
S-2	11/17/2021	0-1'	<10.0	29.4	20.7	50.1	<0.050	<0.050	<0.050	<0.150	<0.300	3,520
	"	1-1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
S-3	11/17/2021	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,000
	"	1-1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,080
	"	2-2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,520
	"	3-3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
	"	4-4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
S-4	11/17/2021	0-1'	<10.0	371	66.9	438	<0.050	<0.050	<0.050	<0.150	<0.300	5,840
	"	1-1.5'	<10.0	330	58.9	389	<0.050	<0.050	<0.050	<0.150	<0.300	7,730
T-2	12/21/2021	0-1'	<49.8	186	<49.8	186	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15,800
	"	1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,970
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,560
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.9
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.7
S-5	11/17/2021	0-1'	<10.0	61.5	<10.0	61.5	<0.050	<0.050	<0.050	<0.150	<0.300	5,730
	"	1-1.5'	<10.0	46.1	13.9	60.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,080
T-3	12/21/2021	0-1'	<50.0	160	<50.0	160	<0.00198	<0.00198	0.0188	<0.00397	0.0188	17,600
	"	1'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	6,170
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,690
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	0.00314	<0.00200	<0.00399	<0.00399	175
	"	4'	<50.0	<50.0	<50.0	<50.0	0.00343	0.0140	<0.00199	<0.00398	0.0174	163
H-1	11/17/2021	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	11/17/2021	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-3	11/17/2021	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-4	11/17/2021	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-5	11/17/2021	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-6	11/17/2021	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-7	11/17/2021	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-8	11/17/2021	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Limits ^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

Removed

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

Table 2
EOG Resources
Cobalt Riser
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	1/6/2022	2'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	82.1
CS-2	1/6/2022	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	147
CS-3	1/6/2022	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	141
CS-4	1/6/2022	2'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	101
CS-5	1/6/2022	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
CS-6	1/6/2022	3'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	525
CS-7	1/6/2022	3'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	529
CS-8	1/6/2022	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	158
CS-9	1/6/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	133
CS-10	1/6/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	118
CS-11	1/6/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	198
CS-12	1/6/2022	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	190
CS-13	1/6/2022	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	91.3
CS-14	1/6/2022	3'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	13.3
CS-15	1/6/2022	3'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	179
CS-16	1/6/2022	3'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	111
CS-17	1/6/2022	3'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	168
CS-18	1/6/2022	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	91.4
CS-19	1/6/2022	3'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	109
CS-20	1/6/2022	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	220
CS-21	1/6/2022	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	96.1
CS-22	1/6/2022	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	131
CS-23	1/6/2022	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.19
CS-24	1/6/2022	3'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	23.3
CS-25	1/6/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	90.0
CS-26	1/6/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	50.1
CS-27	1/6/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	8.61
CS-28	1/6/2022	3'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	173
CS-29	1/6/2022	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	86.3
CS-30	1/6/2022	3'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	145
CS-31	1/6/2022	3'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	169
CS-32	1/6/2022	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	59.4
CS-33	1/6/2022	3'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	72.1
CS-34	1/6/2022	3'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	184
CS-35	1/6/2022	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	62.1

Table 2
EOG Resources
Cobalt Riser
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	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	145
SW-2	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	141
SW-3	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	125
SW-4	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	148
SW-5	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	116
SW-6	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	97.7
SW-7	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	100
SW-8	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	153
SW-9	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	20.9
SW-10	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	28.6
SW-11	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	83.3
SW-12	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.8
SW-13	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	152
SW-14	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	84.1
SW-15	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	89.4
SW-16	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	22.3
SW-17	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.2
SW-18	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	125
SW-19	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	128
SW-20	1/6/2022	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	132
SW-21	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16.7
SW-22	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	16.7
SW-23	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	75.5
SW-24	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.4
SW-25	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	160
SW-26	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	46.7
SW-27	1/6/2022	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	78.8
SW-28	1/6/2022	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	123
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



Photo Log

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Cobalt Riser

County: Lea County, New Mexico

Description:

View Southeast, Area of Confirmation Samples (1-4).



Photograph No. 2

Facility: Cobalt Riser

County: Lea County, New Mexico

Description:

View East, Area of Confirmation Samples (5-7).



Photograph No. 3

Facility: Cobalt Riser

County: Lea County, New Mexico

Description:

View South, Area of Confirmation Samples (5-7).



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 4

Facility: Cobalt Riser

County: Lea County, New Mexico

Description:

View South, Area of Confirmation Samples (8-25).



Photograph No. 5

Facility: Cobalt Riser

County: Lea County, New Mexico

Description:

View West, Area of Confirmation Samples (5-9).



Photograph No. 6

Facility: Cobalt Riser

County: Lea County, New Mexico

Description:

View Southeast, Area of Confirmation Samples (8-24).



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 7

Facility: Cobalt Riser

County: Lea County, New Mexico

Description:

View Southeast, Area of Confirmation Samples (31-35).



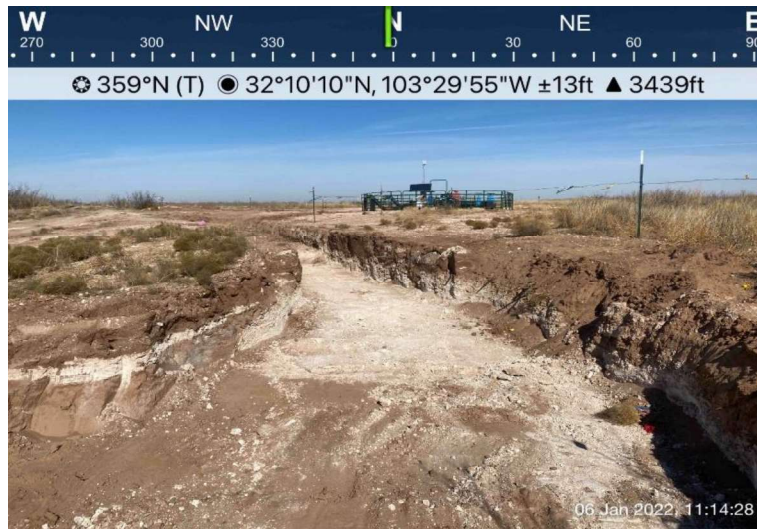
Photograph No. 8

Facility: Cobalt Riser

County: Lea County, New Mexico

Description:

View North, Area of Confirmation Samples (27-31).



Photograph No. 9

Facility: Cobalt Riser

County: Lea County, New Mexico

Description:

View North, Area of Confirmation Samples (23-26).





Appendix A

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	nAPP2131550016
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2131550016
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.170183° Longitude -103.498845°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Cobalt Riser	Site Type SWD Pipeline Riser
Date Release Discovered 10/27/21	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	32	24S	34E	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) 25	Volume Recovered (bbls) 0
	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: The ½" pressure transmitter failed on the booster pump, releasing approximately 25 bbls of produced water around the riser, ROW and in the field with 0 bbls recovered.

Incident ID	NAPP2131550016
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? 25 bbls release
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, email notification to the OCD Enviro Inbox on 10/28/21.	

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>Todd Wells</u> Title: <u>Environmental Specialist</u> Signature: <u>Todd Wells</u> Date: <u>11-11-21</u> email: <u>Todd_Wells@eogresources.com</u> Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u> Received by: <u>Ramona Marcus</u> Date: <u>11/12/2021</u>

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 61470

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 61470
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	11/12/2021

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?	<u>17.56</u> (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: Todd Well Title: Environmental Specialist

Signature: Todd Wells Date: 1/20/2022

email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

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: Todd Wells Title: Environmental Specialist
Signature: Todd Wells Date: 1/20/2022
email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

OCD Only

Received by: Chad Hensley Date: 02/08/2022

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: Chad Hensley Date: 02/08/2022
Printed Name: Chad Hensley Title: Environmental Specialist Advanced



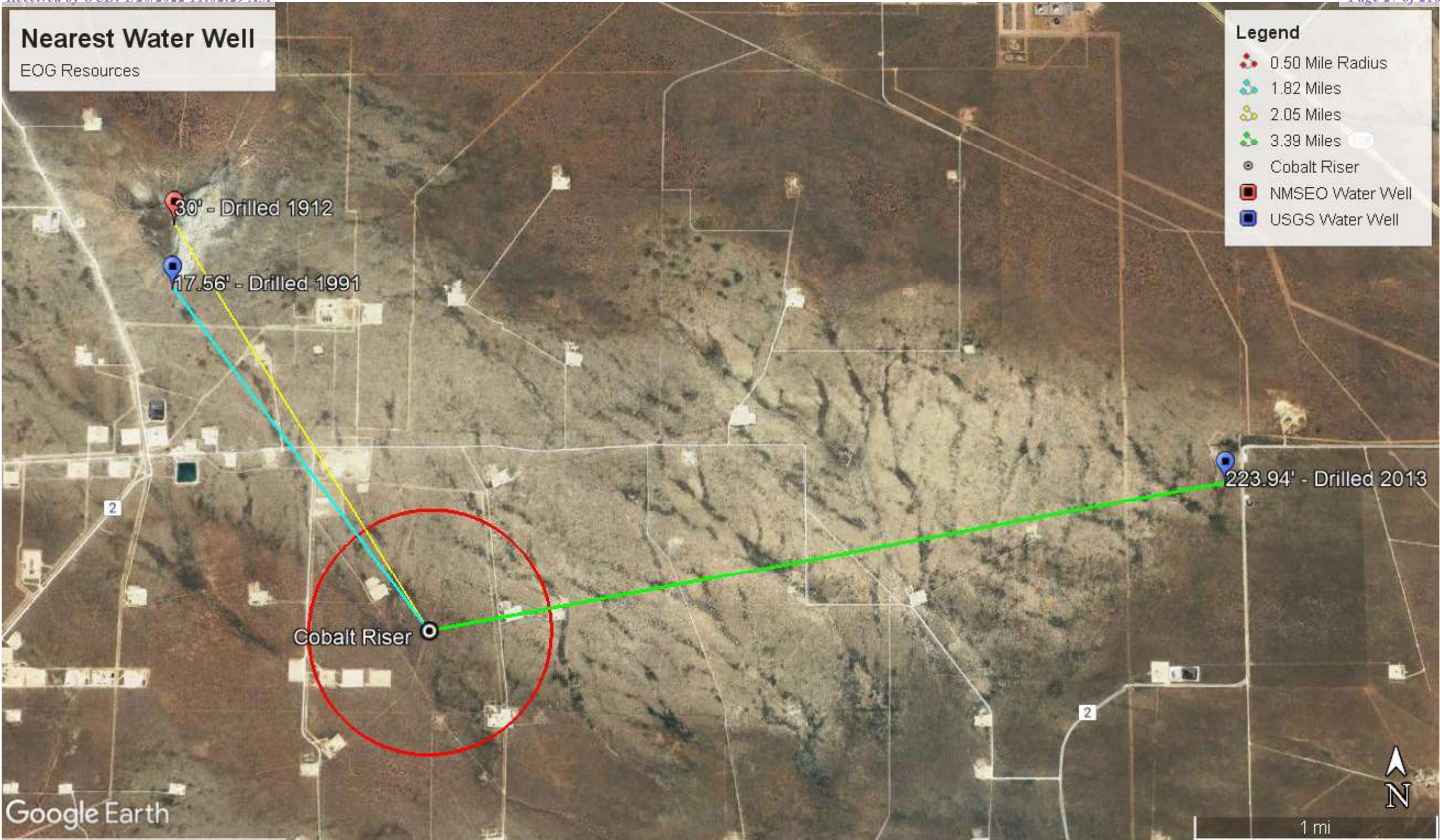
Appendix B

Nearest Water Well

EOG Resources

Legend

- 0.50 Mile Radius
- 1.82 Miles
- 2.05 Miles
- 3.39 Miles
- Cobalt Riser
- NMSEO Water Well
- USGS Water Well







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	Distance	Depth Well	Depth Water	Water Column
C 02373	CUB	LE		4	1	32	24S	34E		641979	3560916*	773	600		
C 02309	CUB	LE		2	2	2	25	24S	33E	639708	3562997	3275	60	30	30
C 03600 POD2	CUB	LE		4	4	1	25	24S	33E	638824	3562329	3399			
C 03602 POD2	CUB	LE		4	4	1	25	24S	33E	638824	3562329	3399			
C 03601 POD4	CUB	LE		3	3	3	24	24S	33E	638162	3561375	3549			
C 03603 POD4	CUB	LE		3	2	4	35	24S	33E	637789	3560461	3753			
C 03603 POD1	CUB	LE		3	2	2	35	24S	33E	637805	3561225	3850			

Average Depth to Water: **30 feet**

Minimum Depth: **30 feet**

Maximum Depth: **30 feet**

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 641538

Northing (Y): 3560281

Radius: 4000

*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.

11/11/21 8:36 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 02309	2	2	2	25	24S	33E	639708	3562997 
Driller License:		Driller Company:							
Driller Name:		UNKNOWN							
Drill Start Date:		01/01/1912		Drill Finish Date:		06/30/1912		Plug Date:	
Log File Date:				PCW Rev Date:				Source:	
Pump Type:				Pipe Discharge Size:				Estimated Yield:	
Casing Size:		7.00		Depth Well:		60 feet		Depth Water:	
								40 GPM	
								30 feet	

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.

11/11/21 8:36 AM

POINT OF DIVERSION SUMMARY



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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater

Geographic Area: New Mexico

GO

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- [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 =

- 321127103310401

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 321127103310401 24S.33E.24.44444

Lea County, New Mexico
Latitude 32°11'27", Longitude 103°31'04" NAD27
Land-surface elevation 3,538 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 of measurement	Water-level approval status
1953-11-27		D	62610		3518.95	NGVD29	1	Z			A
1953-11-27		D	62611		3520.60	NAVD88	1	Z			A
1953-11-27		D	72019	17.40			1	Z			A
1976-01-21		D	62610		3522.78	NGVD29	1	Z			A
1976-01-21		D	62611		3524.43	NAVD88	1	Z			A
1976-01-21		D	72019	13.57			1	Z			A
1981-03-19		D	62610		3520.32	NGVD29	1	Z			A
1981-03-19		D	62611		3521.97	NAVD88	1	Z			A
1981-03-19		D	72019	16.03			1	Z			A
1986-03-06		D	62610		3521.55	NGVD29	1	Z			A
1986-03-06		D	62611		3523.20	NAVD88	1	Z			A
1986-03-06		D	72019	14.80			1	Z			A
1991-05-29		D	62610		3518.79	NGVD29	1	Z			A
1991-05-29		D	62611		3520.44	NAVD88	1	Z			A
1991-05-29		D	72019	17.56			1	Z			A

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

Section	Code	Description
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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Page Last Modified: 2021-11-11 10:28:40 EST

0.28 0.24 nadww02



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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321025103263601

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 321025103263601 24S.34E.35.12411

Lea County, New Mexico
Latitude 32°10'44.0", Longitude 103°26'31.2" NAD83
Land-surface elevation 3,409.00 feet above NGVD29
The depth of the well is 257 feet below land surface.
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 of measurement	Water-level approval status
1953-03-29			D 62610		3185.10	NGVD29	1	Z			A
1953-03-29			D 62611		3186.69	NAVD88	1	Z			A
1953-03-29			D 72019	223.90			1	Z			A
1971-01-13			D 62610		3190.96	NGVD29	1	Z			A
1971-01-13			D 62611		3192.55	NAVD88	1	Z			A
1971-01-13			D 72019	218.04			1	Z			A
1976-01-15			D 62610		3189.94	NGVD29	1	Z			A
1976-01-15			D 62611		3191.53	NAVD88	1	Z			A
1976-01-15			D 72019	219.06			1	Z			A
1981-03-20			D 62610		3191.29	NGVD29	1	Z			A
1981-03-20			D 62611		3192.88	NAVD88	1	Z			A
1981-03-20			D 72019	217.71			1	Z			A
1986-03-06			D 62610		3185.50	NGVD29	1	Z			A
1986-03-06			D 62611		3187.09	NAVD88	1	Z			A
1986-03-06			D 72019	223.50			1	Z			A
1991-05-31			D 62610		3189.82	NGVD29	1	Z			A
1991-05-31			D 62611		3191.41	NAVD88	1	Z			A
1991-05-31			D 72019	219.18			1	Z			A
1996-03-14			D 62610		3189.81	NGVD29	1	S			A
1996-03-14			D 62611		3191.40	NAVD88	1	S			A
1996-03-14			D 72019	219.19			1	S			A
2013-01-16	22:00 UTC		m 62610		3185.06	NGVD29	1	S	USGS	S	A
2013-01-16	22:00 UTC		m 62611		3186.65	NAVD88	1	S	USGS	S	A
2013-01-16	22:00 UTC		m 72019	223.94			1	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
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
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for New Mexico: Water Levels

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

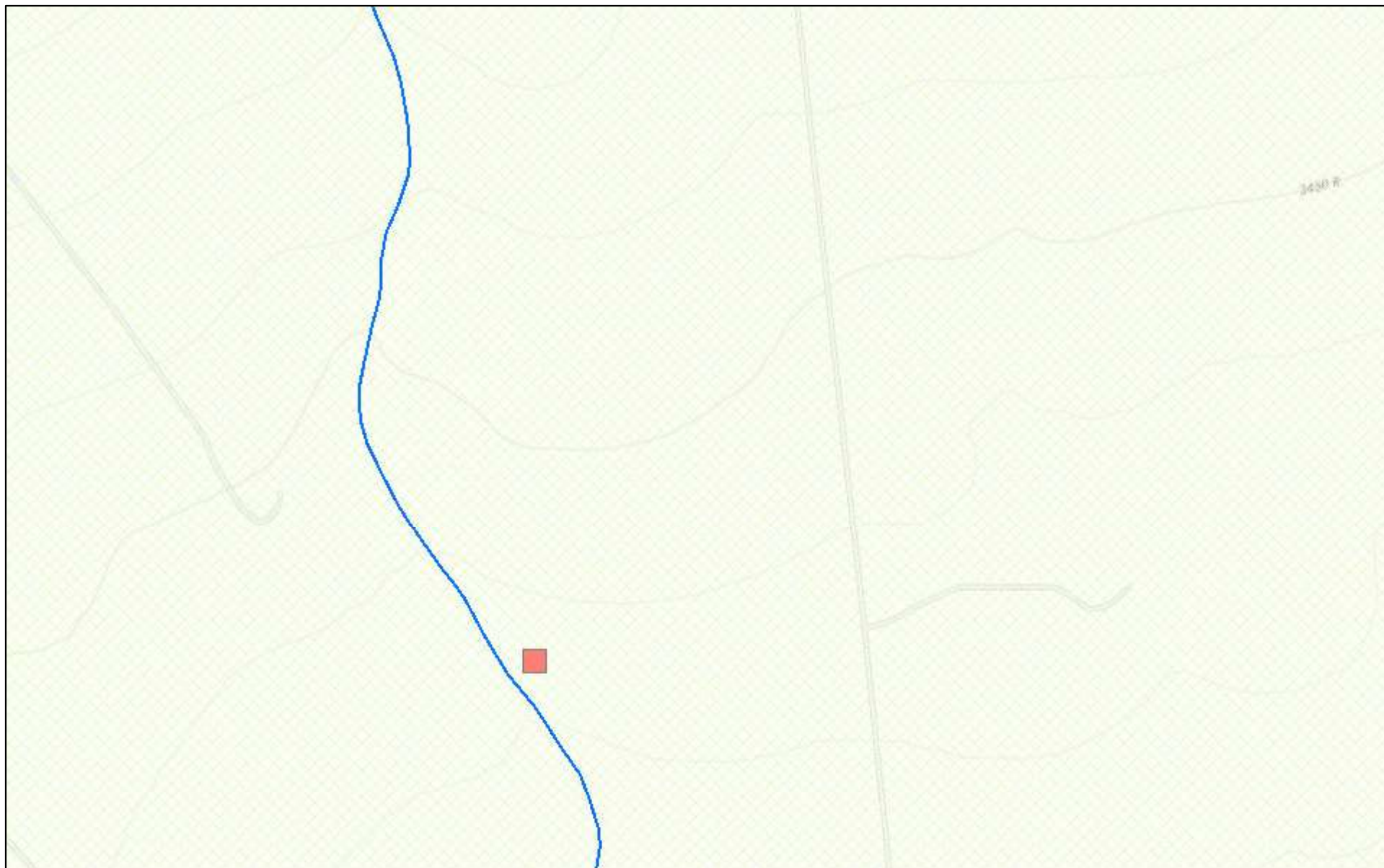
Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2021-11-11 10:24:51 EST

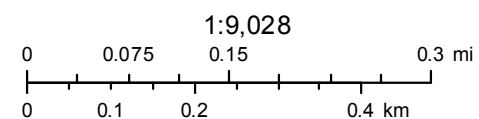
0.27 0.23 nadww01



New Mexico NFHL Data



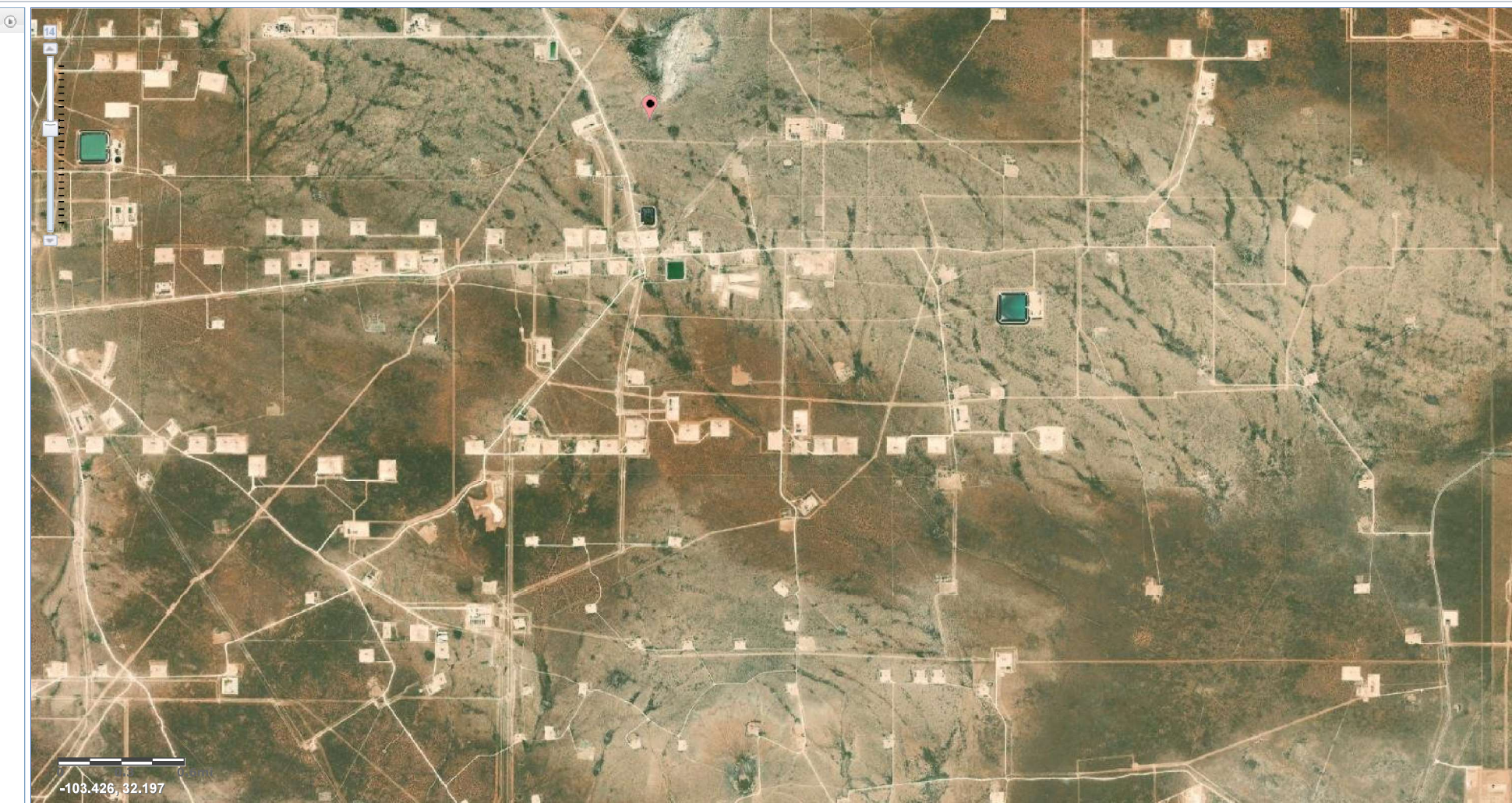
November 11, 2021



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



National Water Information System: Mapper



Site Information



Appendix C



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 23, 2021

MIKE CARMONA

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: COBALT RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/18/21 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 1 (0-1') (H213328-01)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2021	ND	1.88	94.1	2.00	4.35	
Toluene*	0.098	0.050	11/22/2021	ND	1.86	93.1	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/22/2021	ND	1.82	91.1	2.00	3.67	
Total Xylenes*	<0.150	0.150	11/22/2021	ND	5.56	92.7	6.00	4.36	
Total BTEx	<0.300	0.300	11/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	11/22/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	238	119	200	8.21	
DRO >C10-C28*	1800	10.0	11/19/2021	ND	259	130	200	4.46	
EXT DRO >C28-C36	347	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 141 % 38.9-142

Cardinal Laboratories

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 2 (0-1') (H213328-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.88	94.1	2.00	4.35		
Toluene*	<0.050	0.050	11/20/2021	ND	1.86	93.1	2.00	3.22		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.82	91.1	2.00	3.67		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.56	92.7	6.00	4.36		
Total BTEX	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 97.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	11/22/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	238	119	200	8.21	
DRO >C10-C28*	29.4	10.0	11/19/2021	ND	259	130	200	4.46	
EXT DRO >C28-C36	20.7	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.7 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 2 (1'-1.5') (H213328-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.88	94.1	2.00	4.35		
Toluene*	<0.050	0.050	11/20/2021	ND	1.86	93.1	2.00	3.22		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.82	91.1	2.00	3.67		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.56	92.7	6.00	4.36		
Total BTEx	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 96.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	11/22/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	238	119	200	8.21	
DRO >C10-C28*	<10.0	10.0	11/19/2021	ND	259	130	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 3 (0-1') (H213328-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.88	94.1	2.00	4.35		
Toluene*	<0.050	0.050	11/20/2021	ND	1.86	93.1	2.00	3.22		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.82	91.1	2.00	3.67		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.56	92.7	6.00	4.36		
Total BTEX	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6000	16.0	11/22/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	238	119	200	8.21	
DRO >C10-C28*	<10.0	10.0	11/19/2021	ND	259	130	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 98.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.9 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 3 (1'-1.5') (H213328-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.88	94.1	2.00	4.35		
Toluene*	<0.050	0.050	11/20/2021	ND	1.86	93.1	2.00	3.22		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.82	91.1	2.00	3.67		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.56	92.7	6.00	4.36		
Total BTEx	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 97.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3080	16.0	11/22/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	238	119	200	8.21	
DRO >C10-C28*	<10.0	10.0	11/19/2021	ND	259	130	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 110 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 3 (2'-2.5') (H213328-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.88	94.1	2.00	4.35		
Toluene*	<0.050	0.050	11/20/2021	ND	1.86	93.1	2.00	3.22		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.82	91.1	2.00	3.67		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.56	92.7	6.00	4.36		
Total BTEX	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	11/22/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	238	119	200	8.21	
DRO >C10-C28*	<10.0	10.0	11/19/2021	ND	259	130	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.7 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 3 (3'-3.5') (H213328-07)

BTEX 8021B		mg/ kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.88	94.1	2.00	4.35		
Toluene*	<0.050	0.050	11/20/2021	ND	1.86	93.1	2.00	3.22		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.82	91.1	2.00	3.67		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.56	92.7	6.00	4.36		
Total BTEX	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	11/22/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	238	119	200	8.21	
DRO >C10-C28*	<10.0	10.0	11/19/2021	ND	259	130	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.7 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 3 (4'-4.5') (H213328-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.88	94.1	2.00	4.35		
Toluene*	<0.050	0.050	11/20/2021	ND	1.86	93.1	2.00	3.22		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.82	91.1	2.00	3.67		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.56	92.7	6.00	4.36		
Total BTEx	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	11/22/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	238	119	200	8.21	
DRO >C10-C28*	<10.0	10.0	11/19/2021	ND	259	130	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 4 (0-1') (H213328-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.88	94.1	2.00	4.35		
Toluene*	<0.050	0.050	11/20/2021	ND	1.86	93.1	2.00	3.22		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.82	91.1	2.00	3.67		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.56	92.7	6.00	4.36		
Total BTEX	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 96.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5840	16.0	11/22/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	238	119	200	8.21	
DRO >C10-C28*	371	10.0	11/19/2021	ND	259	130	200	4.46	
EXT DRO >C28-C36	66.9	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 110 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 4 (1'-1.5') (H213328-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.88	94.1	2.00	4.35		
Toluene*	<0.050	0.050	11/20/2021	ND	1.86	93.1	2.00	3.22		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.82	91.1	2.00	3.67		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.56	92.7	6.00	4.36		
Total BTEx	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7730	16.0	11/22/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	238	119	200	8.21	
DRO >C10-C28*	330	10.0	11/19/2021	ND	259	130	200	4.46	
EXT DRO >C28-C36	58.9	10.0	11/19/2021	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.0 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 5 (0-1') (H213328-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.95	97.3	2.00	10.3		
Toluene*	<0.050	0.050	11/20/2021	ND	1.84	91.9	2.00	10.8		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.81	90.3	2.00	11.1		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.54	92.3	6.00	10.7		
Total BTEx	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 95.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5730	16.0	11/22/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	199	99.3	200	0.359	
DRO >C10-C28*	61.5	10.0	11/22/2021	ND	224	112	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 88.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.0 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 5 (1'-1.5') (H213328-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.95	97.3	2.00	10.3		
Toluene*	<0.050	0.050	11/20/2021	ND	1.84	91.9	2.00	10.8		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.81	90.3	2.00	11.1		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.54	92.3	6.00	10.7		
Total BTEx	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	11/22/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	199	99,3	200	0.359	
DRO >C10-C28*	46.1	10.0	11/22/2021	ND	224	112	200	1.25	
EXT DRO >C28-C36	13.9	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.2 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 1 (0-0.5') (H213328-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2021	ND	1.95	97.3	2.00	10.3		
Toluene*	<0.050	0.050	11/20/2021	ND	1.84	91.9	2.00	10.8		
Ethylbenzene*	<0.050	0.050	11/20/2021	ND	1.81	90.3	2.00	11.1		
Total Xylenes*	<0.150	0.150	11/20/2021	ND	5.54	92.3	6.00	10.7		
Total BTEx	<0.300	0.300	11/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 93.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/22/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	199	99,3	200	0.359	
DRO >C10-C28*	<10.0	10.0	11/22/2021	ND	224	112	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 80.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.4 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 2 (0-0.5') (H213328-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2021	ND	1.92	96.2	2.00	11.6		
Toluene*	<0.050	0.050	11/22/2021	ND	1.83	91.5	2.00	11.7		
Ethylbenzene*	<0.050	0.050	11/22/2021	ND	1.79	89.6	2.00	11.9		
Total Xylenes*	<0.150	0.150	11/22/2021	ND	5.50	91.6	6.00	10.4		
Total BTEx	<0.300	0.300	11/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	199	99.3	200	0.359	
DRO >C10-C28*	<10.0	10.0	11/22/2021	ND	224	112	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 77.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.1 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 3 (0-0.5') (H213328-15)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2021	ND	1.92	96.2	2.00	11.6		
Toluene*	<0.050	0.050	11/22/2021	ND	1.83	91.5	2.00	11.7		
Ethylbenzene*	<0.050	0.050	11/22/2021	ND	1.79	89.6	2.00	11.9		
Total Xylenes*	<0.150	0.150	11/22/2021	ND	5.50	91.6	6.00	10.4		
Total BTEx	<0.300	0.300	11/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	234	117	200	8.67	
DRO >C10-C28*	<10.0	10.0	11/22/2021	ND	233	117	200	9.89	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 4 (0-0.5') (H213328-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2021	ND	1.92	96.2	2.00	11.6		
Toluene*	<0.050	0.050	11/22/2021	ND	1.83	91.5	2.00	11.7		
Ethylbenzene*	<0.050	0.050	11/22/2021	ND	1.79	89.6	2.00	11.9		
Total Xylenes*	<0.150	0.150	11/22/2021	ND	5.50	91.6	6.00	10.4		
Total BTEx	<0.300	0.300	11/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 94.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	234	117	200	8.67	
DRO >C10-C28*	<10.0	10.0	11/22/2021	ND	233	117	200	9.89	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 113 % 44.3-133

Surrogate: 1-Chlorooctadecane 117 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 5 (0-0.5') (H213328-17)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2021	ND	1.92	96.2	2.00	11.6		
Toluene*	<0.050	0.050	11/22/2021	ND	1.83	91.5	2.00	11.7		
Ethylbenzene*	<0.050	0.050	11/22/2021	ND	1.79	89.6	2.00	11.9		
Total Xylenes*	<0.150	0.150	11/22/2021	ND	5.50	91.6	6.00	10.4		
Total BTEx	<0.300	0.300	11/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	234	117	200	8.67	
DRO >C10-C28*	<10.0	10.0	11/22/2021	ND	233	117	200	9.89	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 120 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 6 (0-0.5') (H213328-18)

BTEx 8021B		mg/ kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2021	ND	1.83	91.6	2.00	10.2		
Toluene*	<0.050	0.050	11/22/2021	ND	1.84	91.8	2.00	8.90		
Ethylbenzene*	<0.050	0.050	11/22/2021	ND	1.80	89.9	2.00	9.31		
Total Xylenes*	<0.150	0.150	11/22/2021	ND	5.42	90.3	6.00	9.82		
Total BTEx	<0.300	0.300	11/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/22/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	234	117	200	8.67	
DRO >C10-C28*	<10.0	10.0	11/22/2021	ND	233	117	200	9.89	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 116 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 7 (0-0.5') (H213328-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2021	ND	1.83	91.6	2.00	10.2		
Toluene*	<0.050	0.050	11/22/2021	ND	1.84	91.8	2.00	8.90		
Ethylbenzene*	<0.050	0.050	11/22/2021	ND	1.80	89.9	2.00	9.31		
Total Xylenes*	<0.150	0.150	11/22/2021	ND	5.42	90.3	6.00	9.82		
Total BTEx	<0.300	0.300	11/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PI) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	234	117	200	8.67	
DRO >C10-C28*	<10.0	10.0	11/22/2021	ND	233	117	200	9.89	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 110 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 MIKE CARMONA
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 11/18/2021
 Reported: 11/23/2021
 Project Name: COBALT RISER
 Project Number: 214894
 Project Location: EOG - LEA CO NM

Sampling Date: 11/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 8 (0-0.5') (H213328-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/22/2021	ND	1.83	91.6	2.00	10.2		
Toluene*	<0.050	0.050	11/22/2021	ND	1.84	91.8	2.00	8.90		
Ethylbenzene*	<0.050	0.050	11/22/2021	ND	1.80	89.9	2.00	9.31		
Total Xylenes*	<0.150	0.150	11/22/2021	ND	5.42	90.3	6.00	9.82		
Total BTEx	<0.300	0.300	11/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 97.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	234	117	200	8.67	
DRO >C10-C28*	<10.0	10.0	11/22/2021	ND	233	117	200	9.89	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 98.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H213328

Page 1 of 2

Project Manager:	Mike Carmona	Bill to: (if different)	Todd Wells
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, TX 79706
Phone:	432-813-0263	Email/Phone:	Todd Wells@eogresources 432.312.7735
Work Order Comments			
Program: ☒ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐			
State of Project: ☐ Level I ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐			
Reporting Level: ☐ Level I ☐ Level II ☐ Level III ☐ Level IV ☐			
Deliverables: ☐ EDD ☐ ADAPT ☐ Other: ☐			

Project Name:	Cobalt Riser	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST				Preservative Codes					
Project Number:	214894	Due Date:												None: NO	DI Water: H ₂ O
Project Location:	Lea Co. NM													Cool: Cool	MeOH: Me
Sampler's Name:	CM	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 In tact:	Yes ☒ No ☐	Thermometer ID:												NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:												Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:												NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S1 (0-1')	11/17/2021	-	X	N/A	G	1	X	X	X		H213328-01
S2 (0-1')	11/17/2021	-	X	N/A	G	1	X	X	X		02
S2 (1'-1.5')	11/17/2021	-	X	N/A	G	1	X	X	X		03
S3 (0-1')	11/17/2021	-	X	N/A	G	1	X	X	X		04
S3 (1-1.5')	11/17/2021	-	X	N/A	G	1	X	X	X		05
S3 (2-2.5')	11/17/2021	-	X	N/A	G	1	X	X	X		06
S3 (3-3.5')	11/17/2021	-	X	N/A	G	1	X	X	X		07
S3 (4-4.5')	11/17/2021	-	X	N/A	G	1	X	X	X		08
S4 (0-1')	11/17/2021	-	X	N/A	G	1	X	X	X		09
S4 (1-1.5')	11/17/2021	-	X	N/A	G	1	X	X	X		10

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11-18-21 1420			



Chain of Custody

Page 2 of 2

Work Order No: H213328

Project Manager:	Mike Carmona	Bill to: (if different)	Todd Wells
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds Blvd	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, TX 79706
Phone:	432-813-0263	Email/Phone:	Todd Wells@eogresources 432.312.7736

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

Project Name:	Cobalt Riser	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	214894															None: NO	DI Water: H ₂ O
Project Location:	Lea Co. NM	Due Date:														Cool: Cool	MeOH: Me
Sampler's Name:	CM	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:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
S5 (0-1')	11/17/2021	-	X	N/A	G	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 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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-9652-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Cobalt Riser

For:

NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Mike Carmona

Authorized for release by:
12/28/2021 4:47:34 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: Cobalt Riser

Laboratory Job ID: 880-9652-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.
□	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: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Job ID: 880-9652-1

Laboratory: Eurofins Xenco, Midland

Narrative

**Job Narrative
880-9652-1**

Receipt

The samples were received on 12/22/2021 3:31 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.9°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-2 (1') (880-9652-6) and T-3 (4') (880-9652-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-15390 and analytical batch 880-15330 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.

GC Semi VOA

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: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-9652-1

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		12/22/21 15:43	12/23/21 00:36	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		12/22/21 15:43	12/23/21 00:36	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		12/22/21 15:43	12/23/21 00:36	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		12/22/21 15:43	12/23/21 00:36	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		12/22/21 15:43	12/23/21 00:36	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		12/22/21 15:43	12/23/21 00:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	12/22/21 15:43	12/23/21 00:36	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/22/21 15:43	12/23/21 00:36	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			12/23/21 17:44	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 17:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 17:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	12/23/21 14:53	12/24/21 17:45	1
o-Terphenyl	85		70 - 130	12/23/21 14:53	12/24/21 17:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1030		4.98		mg/Kg			12/27/21 14:07	1

Client Sample ID: T-1 (1')

Lab Sample ID: 880-9652-2

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 00:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/22/21 15:43	12/23/21 00:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/22/21 15:43	12/23/21 00:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/22/21 15:43	12/23/21 00:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/22/21 15:43	12/23/21 00:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/22/21 15:43	12/23/21 00:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	12/22/21 15:43	12/23/21 00:56	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/22/21 15:43	12/23/21 00:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-1 (1')

Lab Sample ID: 880-9652-2

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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			12/28/21 17:29	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 18:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 18:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/23/21 14:53	12/24/21 18:48	1
o-Terphenyl	86		70 - 130				12/23/21 14:53	12/24/21 18:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1940		24.8		mg/Kg			12/27/21 14:17	5

Client Sample ID: T-1 (2')

Lab Sample ID: 880-9652-3

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 01:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/22/21 15:43	12/23/21 01:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/22/21 15:43	12/23/21 01:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/22/21 15:43	12/23/21 01:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/22/21 15:43	12/23/21 01:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/22/21 15:43	12/23/21 01:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				12/22/21 15:43	12/23/21 01:16	1
1,4-Difluorobenzene (Surr)	82		70 - 130				12/22/21 15:43	12/23/21 01:16	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			12/28/21 17:29	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 19:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 19:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-1 (2')

Lab Sample ID: 880-9652-3

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/23/21 14:53	12/24/21 19:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				12/23/21 14:53	12/24/21 19:09	1
o-Terphenyl	89		70 - 130				12/23/21 14:53	12/24/21 19:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.09		5.01		mg/Kg			12/27/21 14:27	1

Client Sample ID: T-1 (3')

Lab Sample ID: 880-9652-4

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 01:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 01:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 01:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/22/21 15:43	12/23/21 01:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 01:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/22/21 15:43	12/23/21 01:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				12/22/21 15:43	12/23/21 01:37	1
1,4-Difluorobenzene (Surr)	77		70 - 130				12/22/21 15:43	12/23/21 01:37	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			12/28/21 17:29	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 19:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 19:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 19:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/23/21 14:53	12/24/21 19:30	1
o-Terphenyl	86		70 - 130				12/23/21 14:53	12/24/21 19:30	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			12/27/21 14:37	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-9652-5

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 01:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 01:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 01:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/22/21 15:43	12/23/21 01:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 01:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/22/21 15:43	12/23/21 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	12/22/21 15:43	12/23/21 01:57	1
1,4-Difluorobenzene (Surr)	102		70 - 130	12/22/21 15:43	12/23/21 01:57	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			12/28/21 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	186		49.8		mg/Kg			12/28/21 17:22	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		12/23/21 14:53	12/24/21 19:51	1
Diesel Range Organics (Over C10-C28)	186		49.8		mg/Kg		12/23/21 14:53	12/24/21 19:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/23/21 14:53	12/24/21 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	12/23/21 14:53	12/24/21 19:51	1
o-Terphenyl	81		70 - 130	12/23/21 14:53	12/24/21 19:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15800		99.8		mg/Kg			12/27/21 14:47	20

Client Sample ID: T-2 (1')

Lab Sample ID: 880-9652-6

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 09:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 09:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 09:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/22/21 15:43	12/23/21 09:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 09:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/22/21 15:43	12/23/21 09:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	52	S1-	70 - 130	12/22/21 15:43	12/23/21 09:16	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/22/21 15:43	12/23/21 09:16	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-2 (1')

Lab Sample ID: 880-9652-6

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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			12/28/21 17:29	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 20:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 20:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				12/23/21 14:53	12/24/21 20:11	1
o-Terphenyl	93		70 - 130				12/23/21 14:53	12/24/21 20:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5970		50.2		mg/Kg			12/27/21 15:16	10

Client Sample ID: T-2 (2')

Lab Sample ID: 880-9652-7

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 09:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 09:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 09:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/22/21 15:43	12/23/21 09:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 09:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/22/21 15:43	12/23/21 09:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				12/22/21 15:43	12/23/21 09:36	1
1,4-Difluorobenzene (Surr)	76		70 - 130				12/22/21 15:43	12/23/21 09:36	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			12/28/21 17:29	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 20:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 20:32	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-2 (2')

Lab Sample ID: 880-9652-7

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/23/21 14:53	12/24/21 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				12/23/21 14:53	12/24/21 20:32	1
o-Terphenyl	87		70 - 130				12/23/21 14:53	12/24/21 20:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3560		24.9		mg/Kg			12/27/21 15:26	5

Client Sample ID: T-2 (3')

Lab Sample ID: 880-9652-8

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 12:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 12:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 12:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/22/21 15:43	12/23/21 12:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 12:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/22/21 15:43	12/23/21 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				12/22/21 15:43	12/23/21 12:40	1
1,4-Difluorobenzene (Surr)	92		70 - 130				12/22/21 15:43	12/23/21 12:40	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			12/28/21 17:29	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 20:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 20:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 20:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				12/23/21 14:53	12/24/21 20:53	1
o-Terphenyl	87		70 - 130				12/23/21 14:53	12/24/21 20:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.9		4.97		mg/Kg			12/27/21 18:54	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-2 (4')

Lab Sample ID: 880-9652-9

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 13:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 13:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 13:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/22/21 15:43	12/23/21 13:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 13:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/22/21 15:43	12/23/21 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/22/21 15:43	12/23/21 13:00	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/22/21 15:43	12/23/21 13:00	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			12/28/21 17:39	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 21:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 21:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 21:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	12/23/21 14:53	12/24/21 21:14	1
o-Terphenyl	86		70 - 130	12/23/21 14:53	12/24/21 21:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		4.95		mg/Kg			12/27/21 19:04	1

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-9652-10

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 13:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/22/21 15:43	12/23/21 13:20	1
Ethylbenzene	0.0118		0.00198		mg/Kg		12/22/21 15:43	12/23/21 13:20	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/22/21 15:43	12/23/21 13:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/22/21 15:43	12/23/21 13:20	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/22/21 15:43	12/23/21 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	12/22/21 15:43	12/23/21 13:20	1
1,4-Difluorobenzene (Surr)	117		70 - 130	12/22/21 15:43	12/23/21 13:20	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-9652-10

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0118		0.00397		mg/Kg			12/28/21 17:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	160		50.0		mg/Kg			12/28/21 17:22	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		12/23/21 14:53	12/24/21 21:35	1
Diesel Range Organics (Over C10-C28)	160		50.0		mg/Kg		12/23/21 14:53	12/24/21 21:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/23/21 14:53	12/24/21 21:35	1
o-Terphenyl	87		70 - 130				12/23/21 14:53	12/24/21 21:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		99.2		mg/Kg			12/27/21 19:13	20

Client Sample ID: T-3 (1')

Lab Sample ID: 880-9652-11

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 13:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/22/21 15:43	12/23/21 13:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/22/21 15:43	12/23/21 13:41	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/22/21 15:43	12/23/21 13:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/22/21 15:43	12/23/21 13:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/22/21 15:43	12/23/21 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				12/22/21 15:43	12/23/21 13:41	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/22/21 15:43	12/23/21 13:41	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			12/28/21 17:39	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 22:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 22:16	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-3 (1')

Lab Sample ID: 880-9652-11

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/23/21 14:53	12/24/21 22:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/23/21 14:53	12/24/21 22:16	1
o-Terphenyl	86		70 - 130				12/23/21 14:53	12/24/21 22:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6170		50.0		mg/Kg			12/27/21 19:23	10

Client Sample ID: T-3 (2')

Lab Sample ID: 880-9652-12

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 14:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 14:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 14:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/22/21 15:43	12/23/21 14:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 14:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/22/21 15:43	12/23/21 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				12/22/21 15:43	12/23/21 14:01	1
1,4-Difluorobenzene (Surr)	89		70 - 130				12/22/21 15:43	12/23/21 14:01	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			12/28/21 17:39	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 22:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 22:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				12/23/21 14:53	12/24/21 22:37	1
o-Terphenyl	89		70 - 130				12/23/21 14:53	12/24/21 22:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3690		25.2		mg/Kg			12/27/21 19:33	5

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-3 (3')

Lab Sample ID: 880-9652-13

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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		12/22/21 15:43	12/23/21 14:22	1
Toluene	0.00314		0.00200		mg/Kg		12/22/21 15:43	12/23/21 14:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 14:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/22/21 15:43	12/23/21 14:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 14:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/22/21 15:43	12/23/21 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/22/21 15:43	12/23/21 14:22	1
1,4-Difluorobenzene (Surr)	84		70 - 130	12/22/21 15:43	12/23/21 14:22	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			12/28/21 17:39	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 22:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 22:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/23/21 14:53	12/24/21 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	12/23/21 14:53	12/24/21 22:58	1
o-Terphenyl	78		70 - 130	12/23/21 14:53	12/24/21 22:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	175		5.03		mg/Kg			12/27/21 19:43	1

Client Sample ID: T-3 (4')

Lab Sample ID: 880-9652-14

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00343		0.00199		mg/Kg		12/22/21 15:43	12/23/21 14:42	1
Toluene	0.0140		0.00199		mg/Kg		12/22/21 15:43	12/23/21 14:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 14:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/22/21 15:43	12/23/21 14:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/22/21 15:43	12/23/21 14:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/22/21 15:43	12/23/21 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/22/21 15:43	12/23/21 14:42	1
1,4-Difluorobenzene (Surr)	104		70 - 130	12/22/21 15:43	12/23/21 14:42	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-3 (4')

Lab Sample ID: 880-9652-14

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0174		0.00398		mg/Kg			12/28/21 17:39	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			12/28/21 17:22	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		12/23/21 14:53	12/24/21 23:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 23:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 23:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				12/23/21 14:53	12/24/21 23:19	1
o-Terphenyl	78		70 - 130				12/23/21 14:53	12/24/21 23:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	163		5.05		mg/Kg			12/27/21 19:53	1

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
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)
880-9652-1	T-1 (0-1')	133 S1+	94
880-9652-1 MS	T-1 (0-1')	110	90
880-9652-1 MSD	T-1 (0-1')	125	97
880-9652-2	T-1 (1')	116	85
880-9652-3	T-1 (2')	116	82
880-9652-4	T-1 (3')	129	77
880-9652-5	T-2 (0-1')	129	102
880-9652-6	T-2 (1')	52 S1-	95
880-9652-7	T-2 (2')	130	76
880-9652-8	T-2 (3')	124	92
880-9652-9	T-2 (4')	128	101
880-9652-10	T-3 (0-1')	140 S1+	117
880-9652-11	T-3 (1')	118	93
880-9652-12	T-3 (2')	121	89
880-9652-13	T-3 (3')	128	84
880-9652-14	T-3 (4')	137 S1+	104
LCS 880-15390/1-A	Lab Control Sample	104	96
LCSD 880-15390/2-A	Lab Control Sample Dup	103	100
MB 880-15329/5-A	Method Blank	104	100
MB 880-15390/5-A	Method Blank	114	113
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)
880-9652-1	T-1 (0-1')	95	85
880-9652-1 MS	T-1 (0-1')	92	86
880-9652-1 MSD	T-1 (0-1')	92	87
880-9652-2	T-1 (1')	96	86
880-9652-3	T-1 (2')	99	89
880-9652-4	T-1 (3')	95	86
880-9652-5	T-2 (0-1')	89	81
880-9652-6	T-2 (1')	103	93
880-9652-7	T-2 (2')	98	87
880-9652-8	T-2 (3')	98	87
880-9652-9	T-2 (4')	96	86
880-9652-10	T-3 (0-1')	95	87
880-9652-11	T-3 (1')	95	86
880-9652-12	T-3 (2')	99	89
880-9652-13	T-3 (3')	89	78
880-9652-14	T-3 (4')	89	78
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
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 (70-130)	OTPH2 (70-130)
LCS 880-15481/2-A	Lab Control Sample	112	110
LCSD 880-15481/3-A	Lab Control Sample Dup	130	129
MB 880-15481/1-A	Method Blank	122	119
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-15329/5-A

Matrix: Solid

Analysis Batch: 15330

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/22/21 10:08	12/22/21 13:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/21 10:08	12/22/21 13:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/21 10:08	12/22/21 13:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/22/21 10:08	12/22/21 13:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/21 10:08	12/22/21 13:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/22/21 10:08	12/22/21 13:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	12/22/21 10:08	12/22/21 13:22	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/22/21 10:08	12/22/21 13:22	1

Lab Sample ID: MB 880-15390/5-A

Matrix: Solid

Analysis Batch: 15330

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15390

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 00:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 00:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 00:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/22/21 15:43	12/23/21 00:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/21 15:43	12/23/21 00:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/22/21 15:43	12/23/21 00:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	12/22/21 15:43	12/23/21 00:14	1
1,4-Difluorobenzene (Surr)	113		70 - 130	12/22/21 15:43	12/23/21 00:14	1

Lab Sample ID: LCS 880-15390/1-A

Matrix: Solid

Analysis Batch: 15330

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15390

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09001		mg/Kg		90	70 - 130
Toluene	0.100	0.08111		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.07903		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1664		mg/Kg		83	70 - 130
o-Xylene	0.100	0.08688		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-15390/2-A

Matrix: Solid

Analysis Batch: 15330

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15390

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1001		mg/Kg		100	70 - 130	11	35

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-15390/2-A

Matrix: Solid

Analysis Batch: 15330

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15390

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.09060		mg/Kg		91	70 - 130	11	35
Ethylbenzene	0.100	0.08897		mg/Kg		89	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1869		mg/Kg		93	70 - 130	12	35
o-Xylene	0.100	0.08892		mg/Kg		89	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-9652-1 MS

Matrix: Solid

Analysis Batch: 15330

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 15390

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.0998	0.06215	F1	mg/Kg		62	70 - 130
Toluene	<0.00200	U F1	0.0998	0.06085	F1	mg/Kg		60	70 - 130
Ethylbenzene	<0.00200	U F1	0.0998	0.05113	F1	mg/Kg		50	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1093	F1	mg/Kg		55	70 - 130
o-Xylene	<0.00200	U F1	0.0998	0.05817	F1	mg/Kg		58	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-9652-1 MSD

Matrix: Solid

Analysis Batch: 15330

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 15390

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0994	0.04462	F1	mg/Kg		45	70 - 130	33	35
Toluene	<0.00200	U F1	0.0994	0.04573	F1	mg/Kg		45	70 - 130	28	35
Ethylbenzene	<0.00200	U F1	0.0994	0.04471	F1	mg/Kg		44	70 - 130	13	35
m-Xylene & p-Xylene	<0.00401	U F1	0.199	0.09392	F1	mg/Kg		47	70 - 130	15	35
o-Xylene	<0.00200	U F1	0.0994	0.05648	F1	mg/Kg		57	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-15481/1-A

Matrix: Solid

Analysis Batch: 15426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	237.1		50.0		mg/Kg		12/23/21 14:53	12/24/21 16:42	1

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-15481/1-A

Matrix: Solid

Analysis Batch: 15426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 16:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/23/21 14:53	12/24/21 16:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				12/23/21 14:53	12/24/21 16:42	1
o-Terphenyl	119		70 - 130				12/23/21 14:53	12/24/21 16:42	1

Lab Sample ID: LCS 880-15481/2-A

Matrix: Solid

Analysis Batch: 15426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	872.6		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	955.9		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	112		70 - 130				
o-Terphenyl	110		70 - 130				

Lab Sample ID: LCSD 880-15481/3-A

Matrix: Solid

Analysis Batch: 15426

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15481

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	945.9		mg/Kg		95	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	1054		mg/Kg		105	70 - 130	10	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	130		70 - 130						
o-Terphenyl	129		70 - 130						

Lab Sample ID: 880-9652-1 MS

Matrix: Solid

Analysis Batch: 15426

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 15481

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	1030		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1238		mg/Kg		122	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	92		70 - 130						
o-Terphenyl	86		70 - 130						

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9652-1 MSD

Matrix: Solid

Analysis Batch: 15426

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 15481

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	995	1041		mg/Kg		105	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	995	1250		mg/Kg		123	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	87		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-15391/1-A

Matrix: Solid

Analysis Batch: 15571

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			12/27/21 11:59	1

Lab Sample ID: LCS 880-15391/2-A

Matrix: Solid

Analysis Batch: 15571

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	250.9		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-15391/3-A

Matrix: Solid

Analysis Batch: 15571

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	250.9		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-9652-5 MS

Matrix: Solid

Analysis Batch: 15571

Client Sample ID: T-2 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	15800		4990	20740		mg/Kg		98	90 - 110

Lab Sample ID: 880-9652-5 MSD

Matrix: Solid

Analysis Batch: 15571

Client Sample ID: T-2 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	15800		4990	20720		mg/Kg		98	90 - 110	0	20

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 15329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-15329/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 15330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9652-1	T-1 (0-1')	Total/NA	Solid	8021B	15390
880-9652-2	T-1 (1')	Total/NA	Solid	8021B	15390
880-9652-3	T-1 (2')	Total/NA	Solid	8021B	15390
880-9652-4	T-1 (3')	Total/NA	Solid	8021B	15390
880-9652-5	T-2 (0-1')	Total/NA	Solid	8021B	15390
880-9652-6	T-2 (1')	Total/NA	Solid	8021B	15390
880-9652-7	T-2 (2')	Total/NA	Solid	8021B	15390
880-9652-8	T-2 (3')	Total/NA	Solid	8021B	15390
880-9652-9	T-2 (4')	Total/NA	Solid	8021B	15390
880-9652-10	T-3 (0-1')	Total/NA	Solid	8021B	15390
880-9652-11	T-3 (1')	Total/NA	Solid	8021B	15390
880-9652-12	T-3 (2')	Total/NA	Solid	8021B	15390
880-9652-13	T-3 (3')	Total/NA	Solid	8021B	15390
880-9652-14	T-3 (4')	Total/NA	Solid	8021B	15390
MB 880-15329/5-A	Method Blank	Total/NA	Solid	8021B	15329
MB 880-15390/5-A	Method Blank	Total/NA	Solid	8021B	15390
LCS 880-15390/1-A	Lab Control Sample	Total/NA	Solid	8021B	15390
LCSD 880-15390/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	15390
880-9652-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	15390
880-9652-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	15390

Prep Batch: 15390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9652-1	T-1 (0-1')	Total/NA	Solid	5035	
880-9652-2	T-1 (1')	Total/NA	Solid	5035	
880-9652-3	T-1 (2')	Total/NA	Solid	5035	
880-9652-4	T-1 (3')	Total/NA	Solid	5035	
880-9652-5	T-2 (0-1')	Total/NA	Solid	5035	
880-9652-6	T-2 (1')	Total/NA	Solid	5035	
880-9652-7	T-2 (2')	Total/NA	Solid	5035	
880-9652-8	T-2 (3')	Total/NA	Solid	5035	
880-9652-9	T-2 (4')	Total/NA	Solid	5035	
880-9652-10	T-3 (0-1')	Total/NA	Solid	5035	
880-9652-11	T-3 (1')	Total/NA	Solid	5035	
880-9652-12	T-3 (2')	Total/NA	Solid	5035	
880-9652-13	T-3 (3')	Total/NA	Solid	5035	
880-9652-14	T-3 (4')	Total/NA	Solid	5035	
MB 880-15390/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-15390/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-15390/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9652-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-9652-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 15493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9652-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 15675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9652-2	T-1 (1')	Total/NA	Solid	Total BTEX	
880-9652-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-9652-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-9652-5	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-9652-6	T-2 (1')	Total/NA	Solid	Total BTEX	
880-9652-7	T-2 (2')	Total/NA	Solid	Total BTEX	
880-9652-8	T-2 (3')	Total/NA	Solid	Total BTEX	
880-9652-9	T-2 (4')	Total/NA	Solid	Total BTEX	
880-9652-10	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-9652-11	T-3 (1')	Total/NA	Solid	Total BTEX	
880-9652-12	T-3 (2')	Total/NA	Solid	Total BTEX	
880-9652-13	T-3 (3')	Total/NA	Solid	Total BTEX	
880-9652-14	T-3 (4')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 15426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9652-1	T-1 (0-1')	Total/NA	Solid	8015B NM	15481
880-9652-2	T-1 (1')	Total/NA	Solid	8015B NM	15481
880-9652-3	T-1 (2')	Total/NA	Solid	8015B NM	15481
880-9652-4	T-1 (3')	Total/NA	Solid	8015B NM	15481
880-9652-5	T-2 (0-1')	Total/NA	Solid	8015B NM	15481
880-9652-6	T-2 (1')	Total/NA	Solid	8015B NM	15481
880-9652-7	T-2 (2')	Total/NA	Solid	8015B NM	15481
880-9652-8	T-2 (3')	Total/NA	Solid	8015B NM	15481
880-9652-9	T-2 (4')	Total/NA	Solid	8015B NM	15481
880-9652-10	T-3 (0-1')	Total/NA	Solid	8015B NM	15481
880-9652-11	T-3 (1')	Total/NA	Solid	8015B NM	15481
880-9652-12	T-3 (2')	Total/NA	Solid	8015B NM	15481
880-9652-13	T-3 (3')	Total/NA	Solid	8015B NM	15481
880-9652-14	T-3 (4')	Total/NA	Solid	8015B NM	15481
MB 880-15481/1-A	Method Blank	Total/NA	Solid	8015B NM	15481
LCS 880-15481/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	15481
LCSD 880-15481/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	15481
880-9652-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	15481
880-9652-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	15481

Prep Batch: 15481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9652-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-9652-2	T-1 (1')	Total/NA	Solid	8015NM Prep	
880-9652-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-9652-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-9652-5	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-9652-6	T-2 (1')	Total/NA	Solid	8015NM Prep	
880-9652-7	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-9652-8	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-9652-9	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-9652-10	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-9652-11	T-3 (1')	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 15481 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9652-12	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-9652-13	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-9652-14	T-3 (4')	Total/NA	Solid	8015NM Prep	
MB 880-15481/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-15481/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-15481/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9652-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-9652-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 15674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9652-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-9652-2	T-1 (1')	Total/NA	Solid	8015 NM	
880-9652-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-9652-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-9652-5	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-9652-6	T-2 (1')	Total/NA	Solid	8015 NM	
880-9652-7	T-2 (2')	Total/NA	Solid	8015 NM	
880-9652-8	T-2 (3')	Total/NA	Solid	8015 NM	
880-9652-9	T-2 (4')	Total/NA	Solid	8015 NM	
880-9652-10	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-9652-11	T-3 (1')	Total/NA	Solid	8015 NM	
880-9652-12	T-3 (2')	Total/NA	Solid	8015 NM	
880-9652-13	T-3 (3')	Total/NA	Solid	8015 NM	
880-9652-14	T-3 (4')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 15391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9652-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-9652-2	T-1 (1')	Soluble	Solid	DI Leach	
880-9652-3	T-1 (2')	Soluble	Solid	DI Leach	
880-9652-4	T-1 (3')	Soluble	Solid	DI Leach	
880-9652-5	T-2 (0-1')	Soluble	Solid	DI Leach	
880-9652-6	T-2 (1')	Soluble	Solid	DI Leach	
880-9652-7	T-2 (2')	Soluble	Solid	DI Leach	
880-9652-8	T-2 (3')	Soluble	Solid	DI Leach	
880-9652-9	T-2 (4')	Soluble	Solid	DI Leach	
880-9652-10	T-3 (0-1')	Soluble	Solid	DI Leach	
880-9652-11	T-3 (1')	Soluble	Solid	DI Leach	
880-9652-12	T-3 (2')	Soluble	Solid	DI Leach	
880-9652-13	T-3 (3')	Soluble	Solid	DI Leach	
880-9652-14	T-3 (4')	Soluble	Solid	DI Leach	
MB 880-15391/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-15391/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-15391/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9652-5 MS	T-2 (0-1')	Soluble	Solid	DI Leach	
880-9652-5 MSD	T-2 (0-1')	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

HPLC/IC

Analysis Batch: 15571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9652-1	T-1 (0-1')	Soluble	Solid	300.0	15391
880-9652-2	T-1 (1')	Soluble	Solid	300.0	15391
880-9652-3	T-1 (2')	Soluble	Solid	300.0	15391
880-9652-4	T-1 (3')	Soluble	Solid	300.0	15391
880-9652-5	T-2 (0-1')	Soluble	Solid	300.0	15391
880-9652-6	T-2 (1')	Soluble	Solid	300.0	15391
880-9652-7	T-2 (2')	Soluble	Solid	300.0	15391
880-9652-8	T-2 (3')	Soluble	Solid	300.0	15391
880-9652-9	T-2 (4')	Soluble	Solid	300.0	15391
880-9652-10	T-3 (0-1')	Soluble	Solid	300.0	15391
880-9652-11	T-3 (1')	Soluble	Solid	300.0	15391
880-9652-12	T-3 (2')	Soluble	Solid	300.0	15391
880-9652-13	T-3 (3')	Soluble	Solid	300.0	15391
880-9652-14	T-3 (4')	Soluble	Solid	300.0	15391
MB 880-15391/1-A	Method Blank	Soluble	Solid	300.0	15391
LCS 880-15391/2-A	Lab Control Sample	Soluble	Solid	300.0	15391
LCSD 880-15391/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	15391
880-9652-5 MS	T-2 (0-1')	Soluble	Solid	300.0	15391
880-9652-5 MSD	T-2 (0-1')	Soluble	Solid	300.0	15391

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-9652-1

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 00:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15493	12/23/21 17:44	MR	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 17:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		1			15571	12/27/21 14:07	SC	XEN MID

Client Sample ID: T-1 (1')

Lab Sample ID: 880-9652-2

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 00:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:29	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 18:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		5			15571	12/27/21 14:17	SC	XEN MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-9652-3

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 01:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:29	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 19:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		1			15571	12/27/21 14:27	SC	XEN MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-9652-4

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 01:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:29	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-1 (3')

Date Collected: 12/22/21 00:00

Date Received: 12/22/21 15:31

Lab Sample ID: 880-9652-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 19:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		1			15571	12/27/21 14:37	SC	XEN MID

Client Sample ID: T-2 (0-1')

Date Collected: 12/22/21 00:00

Date Received: 12/22/21 15:31

Lab Sample ID: 880-9652-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 01:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:29	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 19:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		20			15571	12/27/21 14:47	SC	XEN MID

Client Sample ID: T-2 (1')

Date Collected: 12/22/21 00:00

Date Received: 12/22/21 15:31

Lab Sample ID: 880-9652-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 09:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:29	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 20:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		10			15571	12/27/21 15:16	SC	XEN MID

Client Sample ID: T-2 (2')

Date Collected: 12/22/21 00:00

Date Received: 12/22/21 15:31

Lab Sample ID: 880-9652-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 09:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:29	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 20:32	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-2 (2')

Date Collected: 12/22/21 00:00

Date Received: 12/22/21 15:31

Lab Sample ID: 880-9652-7

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	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		5			15571	12/27/21 15:26	SC	XEN MID

Client Sample ID: T-2 (3')

Date Collected: 12/22/21 00:00

Date Received: 12/22/21 15:31

Lab Sample ID: 880-9652-8

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	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 12:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:29	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 20:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		1			15571	12/27/21 18:54	SC	XEN MID

Client Sample ID: T-2 (4')

Date Collected: 12/22/21 00:00

Date Received: 12/22/21 15:31

Lab Sample ID: 880-9652-9

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	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 13:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 21:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		1			15571	12/27/21 19:04	SC	XEN MID

Client Sample ID: T-3 (0-1')

Date Collected: 12/22/21 00:00

Date Received: 12/22/21 15:31

Lab Sample ID: 880-9652-10

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			5.04 g	5 mL	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 13:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 21:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		20			15571	12/27/21 19:13	SC	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-3 (1')

Lab Sample ID: 880-9652-11

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 13:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 22:16	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		10			15571	12/27/21 19:23	SC	XEN MID

Client Sample ID: T-3 (2')

Lab Sample ID: 880-9652-12

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 14:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 22:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		5			15571	12/27/21 19:33	SC	XEN MID

Client Sample ID: T-3 (3')

Lab Sample ID: 880-9652-13

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 14:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 22:58	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		1			15571	12/27/21 19:43	SC	XEN MID

Client Sample ID: T-3 (4')

Lab Sample ID: 880-9652-14

Date Collected: 12/22/21 00:00

Matrix: Solid

Date Received: 12/22/21 15:31

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	15390	12/22/21 15:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15330	12/23/21 14:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15675	12/28/21 17:39	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Client Sample ID: T-3 (4')
Date Collected: 12/22/21 00:00
Date Received: 12/22/21 15:31

Lab Sample ID: 880-9652-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15674	12/28/21 17:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	15481	12/23/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15426	12/24/21 23:19	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	15391	12/22/21 16:06	CA	XEN MID
Soluble	Analysis	300.0		1			15571	12/27/21 19:53	SC	XEN MID

Laboratory References:
XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Laboratory: Eurofins Xenco, 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

Method Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
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 Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

Sample Summary

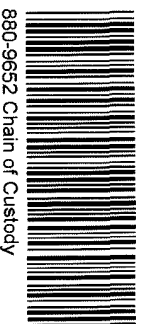
Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9652-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-9652-1	T-1 (0-1')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-2	T-1 (1')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-3	T-1 (2')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-4	T-1 (3')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-5	T-2 (0-1')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-6	T-2 (1')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-7	T-2 (2')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-8	T-2 (3')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-9	T-2 (4')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-10	T-3 (0-1')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-11	T-3 (1')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-12	T-3 (2')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-13	T-3 (3')	Solid	12/22/21 00:00	12/22/21 15:31
880-9652-14	T-3 (4')	Solid	12/22/21 00:00	12/22/21 15:31



Chain of Custody



880-9652 Chain of Custody

Page 1 of 2

Project Manager	Mike Carrone	Bill to: (if different)	Todd Wells
Company Name	NTG Environmental	Company Name:	EOG Resources
Address	701 Tradewinds Blvd	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP	Midland, TX 79706
Phone	432-813-0263	Email/Phone	Todd Wells@eogresources.com

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

Project Name	Cobalt Riser	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST		Preservative Codes
Project Number	214894							None NO DI Water H ₂ O
Project Location	Lea Co. NM	Due Date	72 Hrs					Cool Cool MeOH Me
Sampler's Name	NH	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	Correction Factor						Na ₂ S ₂ O ₃ NaSO ₃
Sample Custody Seals:	Yes No	Temperature Reading						Zn Acetate+NaOH Zn
Total Containers:		Corrected Temperature						NaOH+Ascorbic Acid SABC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH												Sample Comments
T-1 (0-1')	12/22/2021	-	X	N/A	G	1	X	X	X										
T-1 (1')	12/22/2021	-	X	N/A	G	1	X	X	X										
T-1 (2')	12/22/2021	-	X	N/A	G	1	X	X	X										
T-1 (3')	12/22/2021	-	X	N/A	G	1	X	X	X										
T-2 (0-1')	12/22/2021	-	X	N/A	G	1	X	X	X										
T-2 (1')	12/22/2021		X	N/A	G	1	X	X	X										
T-2 (2')	12/22/2021	-	X	N/A	G	1	X	X	X										
T-2 (3')	12/22/2021	-	X	N/A	G	1	X	X	X										
T-2 (4')	12/22/2021	-	X	N/A	G	1	X	X	X										
T-3 (0-1')	12/22/2021	-	X	N/A	G	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 \$65.00 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>[Signature]</i>	<i>[Signature]</i>	12/22/21 15:31			



Chain of Custody

Work Order No: 9652

Page 2 of 2

Project Manager	Mike Carmona	Bill to: (if different)	Todd Wells
Company Name	NTG Environmental	Company Name	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP	Midland TX 79706	City, State ZIP	Midland TX 79706
Phone	432-813-0263	Email/Phone	Todd Wells@eogresources.com

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

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 \$65.00 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>[Signature]</i>	<i>[Signature]</i>	12/22/21 1531			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-9652-1

SDG Number: Lea Co, NM

Login Number: 9652

List Source: Eurofins Xenco, Midland

List Number: 1

Creator: Rodriguez, Leticia

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.	N/A	No time on COC, logged in per container labels.
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	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-9941-1
Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Cobalt Riser

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:
1/12/2022 1:18:17 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: Cobalt Riser

Laboratory Job ID: 880-9941-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
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, 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
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Job ID: 880-9941-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-9941-1****Receipt**

The samples were received on 1/7/2022 8:40 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 -1.1°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-16240 and analytical batch 880-16263 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: 4-Bromofluorobenzene (Surr)SW-6 (880-9941-41), SW-7 (880-9941-42), SW-8 (880-9941-43), SW-9 (880-9941-44), SW-10 (880-9941-45), SW-11 (880-9941-46), SW-12 (880-9941-47), SW-13 (880-9941-48), SW-14 (880-9941-49), SW-15 (880-9941-50), SW-16 (880-9941-51), SW-17 (880-9941-52), SW-18 (880-9941-53), SW-19 (880-9941-54), SW-20 (880-9941-55), SW-21 (880-9941-56), SW-22 (880-9941-57), SW-23 (880-9941-58), SW-24 (880-9941-59), SW-25 (880-9941-60), (CCV 880-16343/2), (CCV 880-16343/20), (CCV 880-16343/33), (LCS 880-16222/1-A), (LCSD 880-16222/2-A), (MB 880-16222/5-A), (880-9941-A-41-A MS) and (880-9941-A-41-B MSD). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

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 880-16231 and analytical batch 880-16330 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 and precision for preparation batch 880-16235 and 880-16235 and analytical batch 880-16333 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.

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: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (2')

Lab Sample ID: 880-9941-1

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 00:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 00:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 00:26	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/07/22 09:19	01/08/22 00:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 00:26	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/07/22 09:19	01/08/22 00:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	01/07/22 09:19	01/08/22 00:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/07/22 09:19	01/08/22 00:26	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 16:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 16:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	01/07/22 09:43	01/07/22 16:30	1
o-Terphenyl	121		70 - 130	01/07/22 09:43	01/07/22 16:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.1		5.00		mg/Kg			01/11/22 21:37	1

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-9941-2

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 00:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 00:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 00:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 00:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 00:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 00:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/07/22 09:19	01/08/22 00:46	1
1,4-Difluorobenzene (Surr)	106		70 - 130	01/07/22 09:19	01/08/22 00:46	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-9941-2

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 17:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 17:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				01/07/22 09:43	01/07/22 17:31	1
o-Terphenyl	131	S1+	70 - 130				01/07/22 09:43	01/07/22 17:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		4.99		mg/Kg			01/11/22 22:07	1

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-9941-3

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 01:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 01:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 01:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 01:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 01:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				01/07/22 09:19	01/08/22 01:07	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/07/22 09:19	01/08/22 01:07	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 17:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 17:52	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-9941-3

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:43	01/07/22 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				01/07/22 09:43	01/07/22 17:52	1
o-Terphenyl	117		70 - 130				01/07/22 09:43	01/07/22 17:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.98		mg/Kg			01/11/22 22:16	1

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-9941-4

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 01:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 01:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 01:27	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/07/22 09:19	01/08/22 01:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 01:27	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/07/22 09:19	01/08/22 01:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				01/07/22 09:19	01/08/22 01:27	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/07/22 09:19	01/08/22 01:27	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 18:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 18:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				01/07/22 09:43	01/07/22 18:13	1
o-Terphenyl	126		70 - 130				01/07/22 09:43	01/07/22 18:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.95		mg/Kg			01/11/22 22:26	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-9941-5

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 01:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 01:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 01:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 01:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 01:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 01:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/07/22 09:19	01/08/22 01:48	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/07/22 09:19	01/08/22 01:48	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 18:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 18:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	01/07/22 09:43	01/07/22 18:33	1
o-Terphenyl	118		70 - 130	01/07/22 09:43	01/07/22 18:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		4.95		mg/Kg			01/11/22 22:36	1

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-9941-6

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 02:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:19	01/08/22 02:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:19	01/08/22 02:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/07/22 09:19	01/08/22 02:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:19	01/08/22 02:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/07/22 09:19	01/08/22 02:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/07/22 09:19	01/08/22 02:08	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/07/22 09:19	01/08/22 02:08	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-9941-6

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 18:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 18:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				01/07/22 09:43	01/07/22 18:54	1
o-Terphenyl	121		70 - 130				01/07/22 09:43	01/07/22 18:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	525		4.97		mg/Kg			01/11/22 23:06	1

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-9941-7

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 02:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 02:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 02:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 02:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 02:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 02:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/07/22 09:19	01/08/22 02:28	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/07/22 09:19	01/08/22 02:28	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 19:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 19:14	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-9941-7

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:43	01/07/22 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				01/07/22 09:43	01/07/22 19:14	1
o-Terphenyl	121		70 - 130				01/07/22 09:43	01/07/22 19:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	529		4.96		mg/Kg			01/11/22 23:15	1

Client Sample ID: CS-8 (2.5')

Lab Sample ID: 880-9941-8

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 02:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 02:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 02:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 02:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 02:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 02:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				01/07/22 09:19	01/08/22 02:49	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/07/22 09:19	01/08/22 02:49	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 19:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 19:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 19:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				01/07/22 09:43	01/07/22 19:34	1
o-Terphenyl	109		70 - 130				01/07/22 09:43	01/07/22 19:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	158		4.99		mg/Kg			01/11/22 23:25	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-9 (2.5')

Lab Sample ID: 880-9941-9

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 03:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:19	01/08/22 03:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:19	01/08/22 03:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/07/22 09:19	01/08/22 03:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:19	01/08/22 03:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/07/22 09:19	01/08/22 03:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	01/07/22 09:19	01/08/22 03:09	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/07/22 09:19	01/08/22 03:09	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 19:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 19:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 19:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	01/07/22 09:43	01/07/22 19:55	1
o-Terphenyl	110		70 - 130	01/07/22 09:43	01/07/22 19:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		5.04		mg/Kg			01/11/22 23:35	1

Client Sample ID: CS-10 (2.5')

Lab Sample ID: 880-9941-10

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 03:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:19	01/08/22 03:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:19	01/08/22 03:30	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/07/22 09:19	01/08/22 03:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:19	01/08/22 03:30	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/07/22 09:19	01/08/22 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	01/07/22 09:19	01/08/22 03:30	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/07/22 09:19	01/08/22 03:30	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-10 (2.5')

Lab Sample ID: 880-9941-10

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 20:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 20:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				01/07/22 09:43	01/07/22 20:16	1
o-Terphenyl	120		70 - 130				01/07/22 09:43	01/07/22 20:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		5.00		mg/Kg			01/11/22 23:45	1

Client Sample ID: CS-11 (2.5')

Lab Sample ID: 880-9941-11

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 04:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:19	01/08/22 04:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:19	01/08/22 04:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/07/22 09:19	01/08/22 04:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:19	01/08/22 04:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/07/22 09:19	01/08/22 04:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				01/07/22 09:19	01/08/22 04:52	1
1,4-Difluorobenzene (Surr)	84		70 - 130				01/07/22 09:19	01/08/22 04:52	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 20:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 20:57	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-11 (2.5')

Lab Sample ID: 880-9941-11

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:43	01/07/22 20:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				01/07/22 09:43	01/07/22 20:57	1
o-Terphenyl	109		70 - 130				01/07/22 09:43	01/07/22 20:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	198		5.00		mg/Kg			01/11/22 23:55	1

Client Sample ID: CS-12 (2.5')

Lab Sample ID: 880-9941-12

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 05:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:19	01/08/22 05:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:19	01/08/22 05:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/07/22 09:19	01/08/22 05:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:19	01/08/22 05:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/07/22 09:19	01/08/22 05:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/07/22 09:19	01/08/22 05:13	1
1,4-Difluorobenzene (Surr)	80		70 - 130				01/07/22 09:19	01/08/22 05:13	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 21:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 21:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 21:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				01/07/22 09:43	01/07/22 21:18	1
o-Terphenyl	124		70 - 130				01/07/22 09:43	01/07/22 21:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		4.99		mg/Kg			01/12/22 00:24	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-13 (3')

Lab Sample ID: 880-9941-13

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 05:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 05:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 05:33	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/07/22 09:19	01/08/22 05:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 05:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/07/22 09:19	01/08/22 05:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	01/07/22 09:19	01/08/22 05:33	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/07/22 09:19	01/08/22 05:33	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 21:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 21:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 21:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	01/07/22 09:43	01/07/22 21:39	1
o-Terphenyl	114		70 - 130	01/07/22 09:43	01/07/22 21:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.3		4.98		mg/Kg			01/12/22 00:34	1

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-9941-14

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 05:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 05:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 05:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/07/22 09:19	01/08/22 05:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 05:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/07/22 09:19	01/08/22 05:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/07/22 09:19	01/08/22 05:53	1
1,4-Difluorobenzene (Surr)	75		70 - 130	01/07/22 09:19	01/08/22 05:53	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-9941-14

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 22:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 22:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 22:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				01/07/22 09:43	01/07/22 22:00	1
o-Terphenyl	116		70 - 130				01/07/22 09:43	01/07/22 22:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.3		5.01		mg/Kg			01/12/22 08:53	1

Client Sample ID: CS-15 (3')

Lab Sample ID: 880-9941-15

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 06:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 06:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 06:14	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/07/22 09:19	01/08/22 06:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:19	01/08/22 06:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/07/22 09:19	01/08/22 06:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				01/07/22 09:19	01/08/22 06:14	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/07/22 09:19	01/08/22 06:14	1

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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 22:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/07/22 09:43	01/07/22 22:21	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-15 (3')

Lab Sample ID: 880-9941-15

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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)	<49.8	U	49.8		mg/Kg		01/07/22 09:43	01/07/22 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				01/07/22 09:43	01/07/22 22:21	1
o-Terphenyl	115		70 - 130				01/07/22 09:43	01/07/22 22:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		4.98		mg/Kg			01/12/22 09:03	1

Client Sample ID: CS-16 (3')

Lab Sample ID: 880-9941-16

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 06:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:19	01/08/22 06:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:19	01/08/22 06:34	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/07/22 09:19	01/08/22 06:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:19	01/08/22 06:34	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/07/22 09:19	01/08/22 06:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				01/07/22 09:19	01/08/22 06:34	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/07/22 09:19	01/08/22 06:34	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 22:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				01/07/22 09:43	01/07/22 22:41	1
o-Terphenyl	118		70 - 130				01/07/22 09:43	01/07/22 22:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		4.95		mg/Kg			01/12/22 09:13	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-17 (3')

Lab Sample ID: 880-9941-17

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 06:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 06:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 06:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 06:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 06:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 06:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	01/07/22 09:19	01/08/22 06:55	1
1,4-Difluorobenzene (Surr)	81		70 - 130	01/07/22 09:19	01/08/22 06:55	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 23:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 23:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 23:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	01/07/22 09:43	01/07/22 23:02	1
o-Terphenyl	122		70 - 130	01/07/22 09:43	01/07/22 23:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		5.00		mg/Kg			01/12/22 09:23	1

Client Sample ID: CS-18 (3')

Lab Sample ID: 880-9941-18

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 07:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 07:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 07:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 07:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 07:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 07:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/07/22 09:19	01/08/22 07:15	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/07/22 09:19	01/08/22 07:15	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-18 (3')

Lab Sample ID: 880-9941-18

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 23:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 23:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/07/22 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				01/07/22 09:43	01/07/22 23:23	1
o-Terphenyl	119		70 - 130				01/07/22 09:43	01/07/22 23:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.4		5.00		mg/Kg			01/12/22 09:33	1

Client Sample ID: CS-19 (3')

Lab Sample ID: 880-9941-19

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 07:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 07:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 07:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 07:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 07:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 07:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				01/07/22 09:19	01/08/22 07:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/07/22 09:19	01/08/22 07:36	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/07/22 23:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 23:44	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-19 (3')

Lab Sample ID: 880-9941-19

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:43	01/07/22 23:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				01/07/22 09:43	01/07/22 23:44	1
o-Terphenyl	123		70 - 130				01/07/22 09:43	01/07/22 23:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		4.97		mg/Kg			01/12/22 09:42	1

Client Sample ID: CS-20 (3')

Lab Sample ID: 880-9941-20

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:19	01/08/22 07:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 07:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 07:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 07:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:19	01/08/22 07:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:19	01/08/22 07:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				01/07/22 09:19	01/08/22 07:56	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/07/22 09:19	01/08/22 07:56	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			01/12/22 12:57	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			01/10/22 10:49	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		01/07/22 09:43	01/08/22 00:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/08/22 00:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:43	01/08/22 00:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				01/07/22 09:43	01/08/22 00:05	1
o-Terphenyl	132	S1+	70 - 130				01/07/22 09:43	01/08/22 00:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		5.02		mg/Kg			01/12/22 09:52	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-21 (3')

Lab Sample ID: 880-9941-21

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F2 F1	0.00199		mg/Kg		01/07/22 09:17	01/10/22 11:07	1
Toluene	<0.00199	U F2 F1	0.00199		mg/Kg		01/07/22 09:17	01/10/22 11:07	1
Ethylbenzene	<0.00199	U F2 F1	0.00199		mg/Kg		01/07/22 09:17	01/10/22 11:07	1
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.00398		mg/Kg		01/07/22 09:17	01/10/22 11:07	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		01/07/22 09:17	01/10/22 11:07	1
Xylenes, Total	<0.00398	U F2 F1	0.00398		mg/Kg		01/07/22 09:17	01/10/22 11:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/07/22 09:17	01/10/22 11:07	1
1,4-Difluorobenzene (Surr)	81		70 - 130	01/07/22 09:17	01/10/22 11:07	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 01:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 01:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 01:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	01/07/22 09:47	01/08/22 01:50	1
o-Terphenyl	127		70 - 130	01/07/22 09:47	01/08/22 01:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.1		4.96		mg/Kg			01/11/22 14:52	1

Client Sample ID: CS-22 (3')

Lab Sample ID: 880-9941-22

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 11:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/07/22 09:17	01/10/22 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 11:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/07/22 09:17	01/10/22 11:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/07/22 09:17	01/10/22 11:28	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/07/22 09:17	01/10/22 11:28	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-22 (3')

Lab Sample ID: 880-9941-22

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 02:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 02:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				01/07/22 09:47	01/08/22 02:53	1
o-Terphenyl	115		70 - 130				01/07/22 09:47	01/08/22 02:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		5.04		mg/Kg			01/11/22 15:28	1

Client Sample ID: CS-23 (3')

Lab Sample ID: 880-9941-23

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 11:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 11:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 11:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:17	01/10/22 11:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 11:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:17	01/10/22 11:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				01/07/22 09:17	01/10/22 11:48	1
1,4-Difluorobenzene (Surr)	114		70 - 130				01/07/22 09:17	01/10/22 11:48	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 03:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 03:14	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-23 (3')

Lab Sample ID: 880-9941-23

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:47	01/08/22 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				01/07/22 09:47	01/08/22 03:14	1
o-Terphenyl	136	S1+	70 - 130				01/07/22 09:47	01/08/22 03:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.19		4.98		mg/Kg			01/11/22 15:40	1

Client Sample ID: CS-24 (3')

Lab Sample ID: 880-9941-24

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 12:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:17	01/10/22 12:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:17	01/10/22 12:09	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/07/22 09:17	01/10/22 12:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:17	01/10/22 12:09	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/07/22 09:17	01/10/22 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/07/22 09:17	01/10/22 12:09	1
1,4-Difluorobenzene (Surr)	111		70 - 130				01/07/22 09:17	01/10/22 12:09	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 03:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 03:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 03:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				01/07/22 09:47	01/08/22 03:35	1
o-Terphenyl	124		70 - 130				01/07/22 09:47	01/08/22 03:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.3		5.04		mg/Kg			01/11/22 15:52	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-25 (2.5')

Lab Sample ID: 880-9941-25

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 12:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:17	01/10/22 12:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:17	01/10/22 12:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/07/22 09:17	01/10/22 12:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:17	01/10/22 12:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/07/22 09:17	01/10/22 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/07/22 09:17	01/10/22 12:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/07/22 09:17	01/10/22 12:29	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 03:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 03:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	01/07/22 09:47	01/08/22 03:56	1
o-Terphenyl	124		70 - 130	01/07/22 09:47	01/08/22 03:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.0		4.98		mg/Kg			01/11/22 16:03	1

Client Sample ID: CS-26 (2.5')

Lab Sample ID: 880-9941-26

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 12:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 12:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 12:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/07/22 09:17	01/10/22 12:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 12:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/07/22 09:17	01/10/22 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/07/22 09:17	01/10/22 12:50	1
1,4-Difluorobenzene (Surr)	79		70 - 130	01/07/22 09:17	01/10/22 12:50	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-26 (2.5')

Lab Sample ID: 880-9941-26

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 04:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 04:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				01/07/22 09:47	01/08/22 04:16	1
o-Terphenyl	119		70 - 130				01/07/22 09:47	01/08/22 04:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.1		4.95		mg/Kg			01/11/22 16:39	1

Client Sample ID: CS-27 (2.5')

Lab Sample ID: 880-9941-27

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 13:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 13:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 13:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/07/22 09:17	01/10/22 13:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 13:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/07/22 09:17	01/10/22 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				01/07/22 09:17	01/10/22 13:10	1
1,4-Difluorobenzene (Surr)	95		70 - 130				01/07/22 09:17	01/10/22 13:10	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 04:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 04:37	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-27 (2.5')

Lab Sample ID: 880-9941-27

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:47	01/08/22 04:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				01/07/22 09:47	01/08/22 04:37	1
o-Terphenyl	117		70 - 130				01/07/22 09:47	01/08/22 04:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.61		4.95		mg/Kg			01/11/22 16:51	1

Client Sample ID: CS-28 (3')

Lab Sample ID: 880-9941-28

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 13:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:17	01/10/22 13:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:17	01/10/22 13:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/07/22 09:17	01/10/22 13:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:17	01/10/22 13:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/07/22 09:17	01/10/22 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				01/07/22 09:17	01/10/22 13:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/07/22 09:17	01/10/22 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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 04:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 04:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 04:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				01/07/22 09:47	01/08/22 04:58	1
o-Terphenyl	118		70 - 130				01/07/22 09:47	01/08/22 04:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	173		5.04		mg/Kg			01/11/22 17:03	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-29 (3')

Lab Sample ID: 880-9941-29

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 13:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:17	01/10/22 13:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:17	01/10/22 13:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/07/22 09:17	01/10/22 13:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:17	01/10/22 13:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/07/22 09:17	01/10/22 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/07/22 09:17	01/10/22 13:51	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/07/22 09:17	01/10/22 13:51	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 05:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 05:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 05:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	01/07/22 09:47	01/08/22 05:19	1
o-Terphenyl	120		70 - 130	01/07/22 09:47	01/08/22 05:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.3		4.99		mg/Kg			01/11/22 17:29	1

Client Sample ID: CS-30 (3')

Lab Sample ID: 880-9941-30

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 14:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:17	01/10/22 14:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:17	01/10/22 14:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/07/22 09:17	01/10/22 14:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:17	01/10/22 14:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/07/22 09:17	01/10/22 14:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	01/07/22 09:17	01/10/22 14:11	1
1,4-Difluorobenzene (Surr)	84		70 - 130	01/07/22 09:17	01/10/22 14:11	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-30 (3")

Lab Sample ID: 880-9941-30

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 05:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 05:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 05:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				01/07/22 09:47	01/08/22 05:39	1
o-Terphenyl	119		70 - 130				01/07/22 09:47	01/08/22 05:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		5.00		mg/Kg			01/11/22 17:41	1

Client Sample ID: CS-31 (3")

Lab Sample ID: 880-9941-31

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 15:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 15:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 15:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:17	01/10/22 15:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 15:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:17	01/10/22 15:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				01/07/22 09:17	01/10/22 15:33	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/07/22 09:17	01/10/22 15:33	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 06:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 06:21	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-31 (3')

Lab Sample ID: 880-9941-31

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:47	01/08/22 06:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				01/07/22 09:47	01/08/22 06:21	1
o-Terphenyl	118		70 - 130				01/07/22 09:47	01/08/22 06:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		4.98		mg/Kg			01/11/22 17:53	1

Client Sample ID: CS-32 (3')

Lab Sample ID: 880-9941-32

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 15:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 15:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 15:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/07/22 09:17	01/10/22 15:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 15:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/07/22 09:17	01/10/22 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				01/07/22 09:17	01/10/22 15:54	1
1,4-Difluorobenzene (Surr)	75		70 - 130				01/07/22 09:17	01/10/22 15:54	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 06:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 06:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 06:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				01/07/22 09:47	01/08/22 06:42	1
o-Terphenyl	123		70 - 130				01/07/22 09:47	01/08/22 06:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.4		5.00		mg/Kg			01/11/22 18:28	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-33 (3')

Lab Sample ID: 880-9941-33

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 16:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 16:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 16:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:17	01/10/22 16:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 16:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:17	01/10/22 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/07/22 09:17	01/10/22 16:14	1
1,4-Difluorobenzene (Surr)	82		70 - 130	01/07/22 09:17	01/10/22 16:14	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 07:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 07:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 07:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	01/07/22 09:47	01/08/22 07:03	1
o-Terphenyl	115		70 - 130	01/07/22 09:47	01/08/22 07:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.1		4.95		mg/Kg			01/11/22 18:40	1

Client Sample ID: CS-34 (3')

Lab Sample ID: 880-9941-34

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 16:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:17	01/10/22 16:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:17	01/10/22 16:34	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/07/22 09:17	01/10/22 16:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:17	01/10/22 16:34	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/07/22 09:17	01/10/22 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	01/07/22 09:17	01/10/22 16:34	1
1,4-Difluorobenzene (Surr)	118		70 - 130	01/07/22 09:17	01/10/22 16:34	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-34 (3')

Lab Sample ID: 880-9941-34

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 07:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 07:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 07:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				01/07/22 09:47	01/08/22 07:24	1
o-Terphenyl	118		70 - 130				01/07/22 09:47	01/08/22 07:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		5.05		mg/Kg			01/11/22 19:16	1

Client Sample ID: CS-35 (3')

Lab Sample ID: 880-9941-35

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 16:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 16:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 16:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:17	01/10/22 16:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:17	01/10/22 16:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:17	01/10/22 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				01/07/22 09:17	01/10/22 16:55	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/07/22 09:17	01/10/22 16:55	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 07:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/07/22 09:47	01/08/22 07:45	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-35 (3')

Lab Sample ID: 880-9941-35

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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)	<49.8	U	49.8		mg/Kg		01/07/22 09:47	01/08/22 07:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				01/07/22 09:47	01/08/22 07:45	1
o-Terphenyl	126		70 - 130				01/07/22 09:47	01/08/22 07:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.1		4.98		mg/Kg			01/11/22 19:28	1

Client Sample ID: SW-1

Lab Sample ID: 880-9941-36

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 17:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 17:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 17:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/07/22 09:17	01/10/22 17:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 17:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/07/22 09:17	01/10/22 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				01/07/22 09:17	01/10/22 17:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/07/22 09:17	01/10/22 17:15	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 08:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 08:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 08:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				01/07/22 09:47	01/08/22 08:06	1
o-Terphenyl	119		70 - 130				01/07/22 09:47	01/08/22 08:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		4.95		mg/Kg			01/11/22 19:39	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-2

Lab Sample ID: 880-9941-37

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 17:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 17:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 17:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/22 09:17	01/10/22 17:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 17:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/22 09:17	01/10/22 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	01/07/22 09:17	01/10/22 17:36	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/07/22 09:17	01/10/22 17:36	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 08:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 08:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 08:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	01/07/22 09:47	01/08/22 08:27	1
o-Terphenyl	128		70 - 130	01/07/22 09:47	01/08/22 08:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.99		mg/Kg			01/11/22 19:51	1

Client Sample ID: SW-3

Lab Sample ID: 880-9941-38

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 17:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 17:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 17:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/07/22 09:17	01/10/22 17:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 17:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/07/22 09:17	01/10/22 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	01/07/22 09:17	01/10/22 17:56	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/07/22 09:17	01/10/22 17:56	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-3

Lab Sample ID: 880-9941-38

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 08:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 08:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 08:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				01/07/22 09:47	01/08/22 08:48	1
o-Terphenyl	121		70 - 130				01/07/22 09:47	01/08/22 08:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		4.98		mg/Kg			01/11/22 20:03	1

Client Sample ID: SW-4

Lab Sample ID: 880-9941-39

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 18:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:17	01/10/22 18:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:17	01/10/22 18:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/07/22 09:17	01/10/22 18:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/07/22 09:17	01/10/22 18:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/07/22 09:17	01/10/22 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				01/07/22 09:17	01/10/22 18:16	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/07/22 09:17	01/10/22 18:16	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 09:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 09:10	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-4

Lab Sample ID: 880-9941-39

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:47	01/08/22 09:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				01/07/22 09:47	01/08/22 09:10	1
o-Terphenyl	115		70 - 130				01/07/22 09:47	01/08/22 09:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	148		5.04		mg/Kg			01/11/22 20:15	1

Client Sample ID: SW-5

Lab Sample ID: 880-9941-40

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:17	01/10/22 18:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:17	01/10/22 18:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:17	01/10/22 18:37	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/07/22 09:17	01/10/22 18:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:17	01/10/22 18:37	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/07/22 09:17	01/10/22 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				01/07/22 09:17	01/10/22 18:37	1
1,4-Difluorobenzene (Surr)	79		70 - 130				01/07/22 09:17	01/10/22 18:37	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			01/11/22 12:59	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			01/10/22 10:49	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		01/07/22 09:47	01/08/22 09:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 09:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:47	01/08/22 09:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				01/07/22 09:47	01/08/22 09:31	1
o-Terphenyl	122		70 - 130				01/07/22 09:47	01/08/22 09:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		4.97		mg/Kg			01/11/22 20:27	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-6

Lab Sample ID: 880-9941-41

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 11:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 11:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 11:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 11:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 11:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 11:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	268	S1+	70 - 130	01/07/22 09:22	01/10/22 11:45	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/07/22 09:22	01/10/22 11:45	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 12:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 12:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 12:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	01/07/22 09:49	01/08/22 12:40	1
o-Terphenyl	116		70 - 130	01/07/22 09:49	01/08/22 12:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.7	F1	4.95		mg/Kg			01/10/22 19:29	1

Client Sample ID: SW-7

Lab Sample ID: 880-9941-42

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 12:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:22	01/10/22 12:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:22	01/10/22 12:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/07/22 09:22	01/10/22 12:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:22	01/10/22 12:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/07/22 09:22	01/10/22 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	243	S1+	70 - 130	01/07/22 09:22	01/10/22 12:13	1
1,4-Difluorobenzene (Surr)	116		70 - 130	01/07/22 09:22	01/10/22 12:13	1

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Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-7

Lab Sample ID: 880-9941-42

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 13:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 13:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				01/07/22 09:49	01/08/22 13:42	1
o-Terphenyl	124		70 - 130				01/07/22 09:49	01/08/22 13:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		5.01		mg/Kg			01/10/22 19:54	1

Client Sample ID: SW-8

Lab Sample ID: 880-9941-43

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 12:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 12:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 12:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/22 09:22	01/10/22 12:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 12:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/22 09:22	01/10/22 12:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	265	S1+	70 - 130				01/07/22 09:22	01/10/22 12:41	1
1,4-Difluorobenzene (Surr)	129		70 - 130				01/07/22 09:22	01/10/22 12:41	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 14:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 14:03	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-8

Lab Sample ID: 880-9941-43

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:49	01/08/22 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				01/07/22 09:49	01/08/22 14:03	1
o-Terphenyl	122		70 - 130				01/07/22 09:49	01/08/22 14:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153		4.95		mg/Kg			01/10/22 20:02	1

Client Sample ID: SW-9

Lab Sample ID: 880-9941-44

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 13:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 13:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 13:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/22 09:22	01/10/22 13:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 13:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/22 09:22	01/10/22 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	273	S1+	70 - 130				01/07/22 09:22	01/10/22 13:08	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/07/22 09:22	01/10/22 13:08	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 14:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 14:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				01/07/22 09:49	01/08/22 14:24	1
o-Terphenyl	105		70 - 130				01/07/22 09:49	01/08/22 14:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.9		4.99		mg/Kg			01/10/22 21:09	1

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Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-10

Lab Sample ID: 880-9941-45

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 13:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 13:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 13:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 13:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 13:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	264	S1+	70 - 130	01/07/22 09:22	01/10/22 13:35	1
1,4-Difluorobenzene (Surr)	11	S1-	70 - 130	01/07/22 09:22	01/10/22 13:35	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 14:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 14:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	01/07/22 09:49	01/08/22 14:44	1
o-Terphenyl	111		70 - 130	01/07/22 09:49	01/08/22 14:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.6		4.97		mg/Kg			01/10/22 20:10	1

Client Sample ID: SW-11

Lab Sample ID: 880-9941-46

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 14:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 14:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 14:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/07/22 09:22	01/10/22 14:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 14:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/07/22 09:22	01/10/22 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	26	S1-	70 - 130	01/07/22 09:22	01/10/22 14:03	1
1,4-Difluorobenzene (Surr)	127		70 - 130	01/07/22 09:22	01/10/22 14:03	1

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Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-11

Lab Sample ID: 880-9941-46

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 15:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 15:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				01/07/22 09:49	01/08/22 15:05	1
o-Terphenyl	111		70 - 130				01/07/22 09:49	01/08/22 15:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.3		4.98		mg/Kg			01/10/22 20:19	1

Client Sample ID: SW-12

Lab Sample ID: 880-9941-47

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 14:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 14:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 14:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 14:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 14:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 14:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	257	S1+	70 - 130				01/07/22 09:22	01/10/22 14:31	1
1,4-Difluorobenzene (Surr)	127		70 - 130				01/07/22 09:22	01/10/22 14:31	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 15:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 15:25	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-12

Lab Sample ID: 880-9941-47

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:49	01/08/22 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				01/07/22 09:49	01/08/22 15:25	1
o-Terphenyl	115		70 - 130				01/07/22 09:49	01/08/22 15:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.8		4.99		mg/Kg			01/10/22 20:44	1

Client Sample ID: SW-13

Lab Sample ID: 880-9941-48

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 14:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 14:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 14:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/07/22 09:22	01/10/22 14:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 14:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/07/22 09:22	01/10/22 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	253	S1+	70 - 130				01/07/22 09:22	01/10/22 14:58	1
1,4-Difluorobenzene (Surr)	129		70 - 130				01/07/22 09:22	01/10/22 14:58	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 15:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 15:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				01/07/22 09:49	01/08/22 15:46	1
o-Terphenyl	118		70 - 130				01/07/22 09:49	01/08/22 15:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		5.00		mg/Kg			01/10/22 20:52	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-14

Lab Sample ID: 880-9941-49

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 15:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 15:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 15:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 15:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 15:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 15:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	243	S1+	70 - 130	01/07/22 09:22	01/10/22 15:26	1
1,4-Difluorobenzene (Surr)	123		70 - 130	01/07/22 09:22	01/10/22 15:26	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 16:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 16:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	01/07/22 09:49	01/08/22 16:06	1
o-Terphenyl	111		70 - 130	01/07/22 09:49	01/08/22 16:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.1		4.95		mg/Kg			01/10/22 21:01	1

Client Sample ID: SW-15

Lab Sample ID: 880-9941-50

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 15:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:22	01/10/22 15:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:22	01/10/22 15:54	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/07/22 09:22	01/10/22 15:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:22	01/10/22 15:54	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/07/22 09:22	01/10/22 15:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	242	S1+	70 - 130	01/07/22 09:22	01/10/22 15:54	1
1,4-Difluorobenzene (Surr)	124		70 - 130	01/07/22 09:22	01/10/22 15:54	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-15

Lab Sample ID: 880-9941-50

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 16:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 16:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				01/07/22 09:49	01/08/22 16:27	1
o-Terphenyl	121		70 - 130				01/07/22 09:49	01/08/22 16:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.4		5.00		mg/Kg			01/10/22 21:17	1

Client Sample ID: SW-16

Lab Sample ID: 880-9941-51

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 17:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 17:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 17:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/22 09:22	01/10/22 17:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 17:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/22 09:22	01/10/22 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	298	S1+	70 - 130				01/07/22 09:22	01/10/22 17:44	1
1,4-Difluorobenzene (Surr)	122		70 - 130				01/07/22 09:22	01/10/22 17:44	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 17:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 17:08	1

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Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-16

Lab Sample ID: 880-9941-51

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:49	01/08/22 17:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				01/07/22 09:49	01/08/22 17:08	1
o-Terphenyl	119		70 - 130				01/07/22 09:49	01/08/22 17:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.3	F1	5.04		mg/Kg			01/10/22 21:26	1

Client Sample ID: SW-17

Lab Sample ID: 880-9941-52

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 18:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 18:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 18:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 18:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 18:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	597	S1+	70 - 130				01/07/22 09:22	01/10/22 18:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130				01/07/22 09:22	01/10/22 18:11	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 17:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 17:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				01/07/22 09:49	01/08/22 17:28	1
o-Terphenyl	111		70 - 130				01/07/22 09:49	01/08/22 17:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.2		5.00		mg/Kg			01/10/22 21:51	1

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Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-18

Lab Sample ID: 880-9941-53

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 18:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 18:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 18:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 18:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 18:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	218	S1+	70 - 130	01/07/22 09:22	01/10/22 18:39	1
1,4-Difluorobenzene (Surr)	130		70 - 130	01/07/22 09:22	01/10/22 18:39	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 17:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 17:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	01/07/22 09:49	01/08/22 17:49	1
o-Terphenyl	121		70 - 130	01/07/22 09:49	01/08/22 17:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		4.95		mg/Kg			01/10/22 21:59	1

Client Sample ID: SW-19

Lab Sample ID: 880-9941-54

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 19:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 19:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 19:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 19:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 19:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	255	S1+	70 - 130	01/07/22 09:22	01/10/22 19:06	1
1,4-Difluorobenzene (Surr)	127		70 - 130	01/07/22 09:22	01/10/22 19:06	1

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Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-19

Lab Sample ID: 880-9941-54

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 18:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 18:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				01/07/22 09:49	01/08/22 18:09	1
o-Terphenyl	115		70 - 130				01/07/22 09:49	01/08/22 18:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		4.98		mg/Kg			01/10/22 22:24	1

Client Sample ID: SW-20

Lab Sample ID: 880-9941-55

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 19:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 19:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 19:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/07/22 09:22	01/10/22 19:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 19:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/07/22 09:22	01/10/22 19:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	245	S1+	70 - 130				01/07/22 09:22	01/10/22 19:34	1
1,4-Difluorobenzene (Surr)	128		70 - 130				01/07/22 09:22	01/10/22 19:34	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 18:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/07/22 09:49	01/08/22 18:30	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-20

Lab Sample ID: 880-9941-55

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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)	<49.8	U	49.8		mg/Kg		01/07/22 09:49	01/08/22 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				01/07/22 09:49	01/08/22 18:30	1
o-Terphenyl	118		70 - 130				01/07/22 09:49	01/08/22 18:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		4.95		mg/Kg			01/10/22 22:32	1

Client Sample ID: SW-21

Lab Sample ID: 880-9941-56

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 20:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 20:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 20:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 20:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 20:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 20:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	243	S1+	70 - 130				01/07/22 09:22	01/10/22 20:02	1
1,4-Difluorobenzene (Surr)	128		70 - 130				01/07/22 09:22	01/10/22 20:02	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 18:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 18:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				01/07/22 09:49	01/08/22 18:50	1
o-Terphenyl	132	S1+	70 - 130				01/07/22 09:49	01/08/22 18:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		5.04		mg/Kg			01/10/22 22:41	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-22

Lab Sample ID: 880-9941-57

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 20:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:22	01/10/22 20:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:22	01/10/22 20:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/07/22 09:22	01/10/22 20:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/07/22 09:22	01/10/22 20:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/07/22 09:22	01/10/22 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	265	S1+	70 - 130	01/07/22 09:22	01/10/22 20:30	1
1,4-Difluorobenzene (Surr)	127		70 - 130	01/07/22 09:22	01/10/22 20:30	1

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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 19:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 19:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	01/07/22 09:49	01/08/22 19:11	1
o-Terphenyl	118		70 - 130	01/07/22 09:49	01/08/22 19:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		5.03		mg/Kg			01/10/22 22:49	1

Client Sample ID: SW-23

Lab Sample ID: 880-9941-58

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 20:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 20:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 20:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/07/22 09:22	01/10/22 20:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 20:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/07/22 09:22	01/10/22 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	286	S1+	70 - 130	01/07/22 09:22	01/10/22 20:58	1
1,4-Difluorobenzene (Surr)	126		70 - 130	01/07/22 09:22	01/10/22 20:58	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-23

Lab Sample ID: 880-9941-58

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 19:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 19:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				01/07/22 09:49	01/08/22 19:31	1
o-Terphenyl	117		70 - 130				01/07/22 09:49	01/08/22 19:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.5		4.98		mg/Kg			01/10/22 22:57	1

Client Sample ID: SW-24

Lab Sample ID: 880-9941-59

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 21:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 21:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 21:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 21:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 09:22	01/10/22 21:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 09:22	01/10/22 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				01/07/22 09:22	01/10/22 21:25	1
1,4-Difluorobenzene (Surr)	75		70 - 130				01/07/22 09:22	01/10/22 21:25	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 19:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 19:52	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-24

Lab Sample ID: 880-9941-59

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:49	01/08/22 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				01/07/22 09:49	01/08/22 19:52	1
o-Terphenyl	109		70 - 130				01/07/22 09:49	01/08/22 19:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.4		4.95		mg/Kg			01/10/22 23:06	1

Client Sample ID: SW-25

Lab Sample ID: 880-9941-60

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 09:22	01/10/22 21:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:22	01/10/22 21:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:22	01/10/22 21:53	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/07/22 09:22	01/10/22 21:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/07/22 09:22	01/10/22 21:53	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/07/22 09:22	01/10/22 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	274	S1+	70 - 130				01/07/22 09:22	01/10/22 21:53	1
1,4-Difluorobenzene (Surr)	128		70 - 130				01/07/22 09:22	01/10/22 21:53	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			01/11/22 12:59	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			01/11/22 14:19	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		01/07/22 09:49	01/08/22 20:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 20:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 09:49	01/08/22 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				01/07/22 09:49	01/08/22 20:12	1
o-Terphenyl	113		70 - 130				01/07/22 09:49	01/08/22 20:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		5.05		mg/Kg			01/10/22 23:14	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-26

Lab Sample ID: 880-9941-61

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		01/07/22 11:54	01/08/22 20:49	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		01/07/22 11:54	01/08/22 20:49	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		01/07/22 11:54	01/08/22 20:49	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		01/07/22 11:54	01/08/22 20:49	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		01/07/22 11:54	01/08/22 20:49	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		01/07/22 11:54	01/08/22 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	245	S1+	70 - 130	01/07/22 11:54	01/08/22 20:49	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/07/22 11:54	01/08/22 20:49	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			01/12/22 12:57	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			01/11/22 14:19	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		01/07/22 08:53	01/07/22 12:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 08:53	01/07/22 12:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 08:53	01/07/22 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	01/07/22 08:53	01/07/22 12:18	1
o-Terphenyl	95		70 - 130	01/07/22 08:53	01/07/22 12:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.7	F1	4.98		mg/Kg			01/07/22 19:01	1

Client Sample ID: SW-27

Lab Sample ID: 880-9941-62

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 11:54	01/08/22 21:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 11:54	01/08/22 21:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 11:54	01/08/22 21:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/07/22 11:54	01/08/22 21:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 11:54	01/08/22 21:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/07/22 11:54	01/08/22 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	255	S1+	70 - 130	01/07/22 11:54	01/08/22 21:15	1
1,4-Difluorobenzene (Surr)	121		70 - 130	01/07/22 11:54	01/08/22 21:15	1

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Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-27

Lab Sample ID: 880-9941-62

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			01/12/22 12:57	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			01/11/22 14:19	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		01/07/22 08:53	01/07/22 13:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 08:53	01/07/22 13:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 08:53	01/07/22 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/07/22 08:53	01/07/22 13:23	1
o-Terphenyl	91		70 - 130				01/07/22 08:53	01/07/22 13:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.8		5.04		mg/Kg			01/07/22 19:26	1

Client Sample ID: SW-28

Lab Sample ID: 880-9941-63

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 11:54	01/08/22 21:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/07/22 11:54	01/08/22 21:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/07/22 11:54	01/08/22 21:42	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/07/22 11:54	01/08/22 21:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/07/22 11:54	01/08/22 21:42	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/07/22 11:54	01/08/22 21:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	251	S1+	70 - 130				01/07/22 11:54	01/08/22 21:42	1
1,4-Difluorobenzene (Surr)	119		70 - 130				01/07/22 11:54	01/08/22 21:42	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			01/12/22 12:57	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			01/11/22 14:19	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		01/07/22 08:54	01/07/22 12:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 08:54	01/07/22 12:18	1

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Client Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-28

Lab Sample ID: 880-9941-63

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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		01/07/22 08:54	01/07/22 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	01/07/22 08:54	01/07/22 12:18	1
o-Terphenyl	89		70 - 130	01/07/22 08:54	01/07/22 12:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		4.95		mg/Kg			01/07/22 19:35	1

Surrogate Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, 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)
880-9941-1	CS-1 (2')	119	98
880-9941-1 MS	CS-1 (2')	112	97
880-9941-1 MSD	CS-1 (2')	116	106
880-9941-2	CS-2 (2')	110	106
880-9941-3	CS-3 (2')	131 S1+	108
880-9941-4	CS-4 (2')	138 S1+	110
880-9941-5	CS-5 (2')	117	103
880-9941-6	CS-6 (3')	117	105
880-9941-7	CS-7 (3')	117	107
880-9941-8	CS-8 (2.5')	124	107
880-9941-9	CS-9 (2.5')	129	105
880-9941-10	CS-10 (2.5')	128	98
880-9941-11	CS-11 (2.5')	126	84
880-9941-12	CS-12 (2.5')	117	80
880-9941-13	CS-13 (3')	124	108
880-9941-14	CS-14 (3')	114	75
880-9941-15	CS-15 (3')	123	106
880-9941-16	CS-16 (3')	149 S1+	107
880-9941-17	CS-17 (3')	118	81
880-9941-18	CS-18 (3')	114	100
880-9941-19	CS-19 (3')	129	98
880-9941-20	CS-20 (3')	127	110
880-9941-21	CS-21 (3')	115	81
880-9941-21 MS	CS-21 (3')	111	90
880-9941-21 MSD	CS-21 (3')	106	94
880-9941-22	CS-22 (3')	121	108
880-9941-23	CS-23 (3')	116	114
880-9941-24	CS-24 (3')	109	111
880-9941-25	CS-25 (2.5')	102	98
880-9941-26	CS-26 (2.5')	104	79
880-9941-27	CS-27 (2.5')	121	95
880-9941-28	CS-28 (3')	120	96
880-9941-29	CS-29 (3')	117	86
880-9941-30	CS-30 (3')	118	84
880-9941-31	CS-31 (3')	124	107
880-9941-32	CS-32 (3')	115	75
880-9941-33	CS-33 (3')	113	82
880-9941-34	CS-34 (3')	143 S1+	118
880-9941-35	CS-35 (3')	129	99
880-9941-36	SW-1	121	98
880-9941-37	SW-2	129	115
880-9941-38	SW-3	145 S1+	109
880-9941-39	SW-4	134 S1+	105
880-9941-40	SW-5	119	79
880-9941-41	SW-6	268 S1+	105
880-9941-41 MS	SW-6	293 S1+	129
880-9941-41 MSD	SW-6	248 S1+	121
880-9941-42	SW-7	243 S1+	116
880-9941-43	SW-8	265 S1+	129

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Surrogate Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, 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)
880-9941-44	SW-9	273 S1+	106
880-9941-45	SW-10	264 S1+	11 S1-
880-9941-46	SW-11	26 S1-	127
880-9941-47	SW-12	257 S1+	127
880-9941-48	SW-13	253 S1+	129
880-9941-49	SW-14	243 S1+	123
880-9941-50	SW-15	242 S1+	124
880-9941-51	SW-16	298 S1+	122
880-9941-52	SW-17	597 S1+	90
880-9941-53	SW-18	218 S1+	130
880-9941-54	SW-19	255 S1+	127
880-9941-55	SW-20	245 S1+	128
880-9941-56	SW-21	243 S1+	128
880-9941-57	SW-22	265 S1+	127
880-9941-58	SW-23	286 S1+	126
880-9941-59	SW-24	128	75
880-9941-60	SW-25	274 S1+	128
880-9941-61	SW-26	245 S1+	107
880-9941-61 MS	SW-26	249 S1+	86
880-9941-61 MSD	SW-26	206 S1+	134 S1+
880-9941-62	SW-27	255 S1+	121
880-9941-63	SW-28	251 S1+	119
LCS 880-16220/1-A	Lab Control Sample	101	99
LCS 880-16221/1-A	Lab Control Sample	104	85
LCS 880-16222/1-A	Lab Control Sample	228 S1+	121
LCS 880-16240/1-A	Lab Control Sample	252 S1+	140 S1+
LCSD 880-16220/2-A	Lab Control Sample Dup	113	100
LCSD 880-16221/2-A	Lab Control Sample Dup	103	103
LCSD 880-16222/2-A	Lab Control Sample Dup	238 S1+	111
LCSD 880-16240/2-A	Lab Control Sample Dup	227 S1+	136 S1+
MB 880-16162/5-A	Method Blank	109	105
MB 880-16220/5-A	Method Blank	98	106
MB 880-16221/5-A	Method Blank	100	103
MB 880-16222/5-A	Method Blank	159 S1+	120
MB 880-16240/5-A	Method Blank	139 S1+	112
MB 880-16263/39	Method Blank	138 S1+	106

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)
880-9941-1	CS-1 (2')	116	121
880-9941-1 MS	CS-1 (2')	113	116
880-9941-1 MSD	CS-1 (2')	113	117
880-9941-2	CS-2 (2')	127	131 S1+

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Surrogate Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-9941-3	CS-3 (2')	114	117
880-9941-4	CS-4 (2')	122	126
880-9941-5	CS-5 (2')	114	118
880-9941-6	CS-6 (3')	116	121
880-9941-7	CS-7 (3')	115	121
880-9941-8	CS-8 (2.5')	107	109
880-9941-9	CS-9 (2.5')	110	110
880-9941-10	CS-10 (2.5')	115	120
880-9941-11	CS-11 (2.5')	108	109
880-9941-12	CS-12 (2.5')	120	124
880-9941-13	CS-13 (3')	109	114
880-9941-14	CS-14 (3')	116	116
880-9941-15	CS-15 (3')	114	115
880-9941-16	CS-16 (3')	112	118
880-9941-17	CS-17 (3')	121	122
880-9941-18	CS-18 (3')	118	119
880-9941-19	CS-19 (3')	120	123
880-9941-20	CS-20 (3')	130	132 S1+
880-9941-21	CS-21 (3')	123	127
880-9941-21 MS	CS-21 (3')	97	101
880-9941-21 MSD	CS-21 (3')	103	102
880-9941-22	CS-22 (3')	110	115
880-9941-23	CS-23 (3')	133 S1+	136 S1+
880-9941-24	CS-24 (3')	121	124
880-9941-25	CS-25 (2.5')	119	124
880-9941-26	CS-26 (2.5')	118	119
880-9941-27	CS-27 (2.5')	115	117
880-9941-28	CS-28 (3')	114	118
880-9941-29	CS-29 (3')	118	120
880-9941-30	CS-30 (3')	114	119
880-9941-31	CS-31 (3')	115	118
880-9941-32	CS-32 (3')	118	123
880-9941-33	CS-33 (3')	112	115
880-9941-34	CS-34 (3')	116	118
880-9941-35	CS-35 (3')	123	126
880-9941-36	SW-1	118	119
880-9941-37	SW-2	125	128
880-9941-38	SW-3	117	121
880-9941-39	SW-4	112	115
880-9941-40	SW-5	119	122
880-9941-41	SW-6	118	116
880-9941-41 MS	SW-6	110	102
880-9941-41 MSD	SW-6	116	104
880-9941-42	SW-7	125	124
880-9941-43	SW-8	125	122
880-9941-44	SW-9	107	105
880-9941-45	SW-10	115	111
880-9941-46	SW-11	117	111
880-9941-47	SW-12	120	115
880-9941-48	SW-13	120	118

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Surrogate Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, 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)
880-9941-49	SW-14	115	111
880-9941-50	SW-15	123	121
880-9941-51	SW-16	125	119
880-9941-52	SW-17	112	111
880-9941-53	SW-18	125	121
880-9941-54	SW-19	122	115
880-9941-55	SW-20	122	118
880-9941-56	SW-21	134 S1+	132 S1+
880-9941-57	SW-22	117	118
880-9941-58	SW-23	115	117
880-9941-59	SW-24	111	109
880-9941-60	SW-25	113	113
880-9941-61	SW-26	85	95
880-9941-61 MS	SW-26	76	80
880-9941-61 MSD	SW-26	86	88
880-9941-62	SW-27	78	91
880-9941-63	SW-28	88	89
880-9941-63 MS	SW-28	81	74
880-9941-63 MSD	SW-28	81	76
LCS 880-16210/2-A	Lab Control Sample	97	104
LCS 880-16212/2-A	Lab Control Sample	120	116
LCSD 880-16210/3-A	Lab Control Sample Dup	105	113
LCSD 880-16212/3-A	Lab Control Sample Dup	114	109
MB 880-16210/1-A	Method Blank	91	108
MB 880-16212/1-A	Method Blank	89	93
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 880-16223/2-A	Lab Control Sample	118	121
LCS 880-16224/2-A	Lab Control Sample	112	117
LCS 880-16225/2-A	Lab Control Sample	101	100
LCSD 880-16223/3-A	Lab Control Sample Dup	112	116
LCSD 880-16224/3-A	Lab Control Sample Dup	104	101
LCSD 880-16225/3-A	Lab Control Sample Dup	106	104
MB 880-16223/1-A	Method Blank	123	129
MB 880-16224/1-A	Method Blank	121	129
MB 880-16225/1-A	Method Blank	95	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-16162/5-A

Matrix: Solid

Analysis Batch: 16203

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16162

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/07/22 08:00	01/07/22 13:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 08:00	01/07/22 13:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 08:00	01/07/22 13:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/22 08:00	01/07/22 13:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 08:00	01/07/22 13:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/22 08:00	01/07/22 13:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/07/22 08:00	01/07/22 13:13	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/07/22 08:00	01/07/22 13:13	1

Lab Sample ID: MB 880-16220/5-A

Matrix: Solid

Analysis Batch: 16342

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16220

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 10:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 10:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 10:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/22 09:17	01/10/22 10:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 10:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/22 09:17	01/10/22 10:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/07/22 09:17	01/10/22 10:46	1
1,4-Difluorobenzene (Surr)	106		70 - 130	01/07/22 09:17	01/10/22 10:46	1

Lab Sample ID: LCS 880-16220/1-A

Matrix: Solid

Analysis Batch: 16342

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16220

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07859		mg/Kg		79	70 - 130
Toluene	0.100	0.07615		mg/Kg		76	70 - 130
Ethylbenzene	0.100	0.07894		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1671		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08025		mg/Kg		80	70 - 130

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

Lab Sample ID: LCSD 880-16220/2-A

Matrix: Solid

Analysis Batch: 16342

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16220

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08850		mg/Kg		88	70 - 130	12	35

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-16220/2-A

Matrix: Solid

Analysis Batch: 16342

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16220

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.08583		mg/Kg		86	70 - 130	12	35
Ethylbenzene	0.100	0.08905		mg/Kg		89	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1868		mg/Kg		93	70 - 130	11	35
o-Xylene	0.100	0.09070		mg/Kg		91	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-9941-21 MS

Matrix: Solid

Analysis Batch: 16342

Client Sample ID: CS-21 (3')

Prep Type: Total/NA

Prep Batch: 16220

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F2 F1	0.100	0.05511	F1	mg/Kg		54	70 - 130
Toluene	<0.00199	U F2 F1	0.100	0.05401	F1	mg/Kg		53	70 - 130
Ethylbenzene	<0.00199	U F2 F1	0.100	0.05251	F1	mg/Kg		52	70 - 130
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.200	0.1074	F1	mg/Kg		54	70 - 130
o-Xylene	<0.00199	U F1	0.100	0.06065	F1	mg/Kg		61	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-9941-21 MSD

Matrix: Solid

Analysis Batch: 16342

Client Sample ID: CS-21 (3')

Prep Type: Total/NA

Prep Batch: 16220

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F2 F1	0.0990	0.08764	F2	mg/Kg		88	70 - 130	46	35
Toluene	<0.00199	U F2 F1	0.0990	0.08401	F2	mg/Kg		84	70 - 130	43	35
Ethylbenzene	<0.00199	U F2 F1	0.0990	0.08277	F2	mg/Kg		84	70 - 130	45	35
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.198	0.1716	F2	mg/Kg		87	70 - 130	46	35
o-Xylene	<0.00199	U F1	0.0990	0.08610		mg/Kg		87	70 - 130	35	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-16221/5-A

Matrix: Solid

Analysis Batch: 16203

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:19	01/08/22 00:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:19	01/08/22 00:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:19	01/08/22 00:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/22 09:19	01/08/22 00:04	1

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-16221/5-A

Matrix: Solid

Analysis Batch: 16203

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:19	01/08/22 00:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/22 09:19	01/08/22 00:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/07/22 09:19	01/08/22 00:04	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/07/22 09:19	01/08/22 00:04	1

Lab Sample ID: LCS 880-16221/1-A

Matrix: Solid

Analysis Batch: 16203

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16221

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08139		mg/Kg		81	70 - 130
Toluene	0.100	0.07917		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.07795		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	0.200	0.1595		mg/Kg		80	70 - 130
o-Xylene	0.100	0.08092		mg/Kg		81	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: LCSD 880-16221/2-A

Matrix: Solid

Analysis Batch: 16203

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16221

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09276		mg/Kg		93	70 - 130	13	35
Toluene	0.100	0.08737		mg/Kg		87	70 - 130	10	35
Ethylbenzene	0.100	0.08726		mg/Kg		87	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1823		mg/Kg		91	70 - 130	13	35
o-Xylene	0.100	0.08819		mg/Kg		88	70 - 130	9	35

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

Lab Sample ID: 880-9941-1 MS

Matrix: Solid

Analysis Batch: 16203

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 16221

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U	0.101	0.08234		mg/Kg		81	70 - 130
Toluene	<0.00202	U	0.101	0.07902		mg/Kg		78	70 - 130
Ethylbenzene	<0.00202	U	0.101	0.07773		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1640		mg/Kg		82	70 - 130
o-Xylene	<0.00202	U	0.101	0.08278		mg/Kg		82	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9941-1 MS

Matrix: Solid

Analysis Batch: 16203

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 16221

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-9941-1 MSD

Matrix: Solid

Analysis Batch: 16203

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 16221

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.08358		mg/Kg		83	70 - 130	1	35
Toluene	<0.00202	U	0.100	0.07897		mg/Kg		78	70 - 130	0	35
Ethylbenzene	<0.00202	U	0.100	0.07621		mg/Kg		76	70 - 130	2	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1632		mg/Kg		82	70 - 130	1	35
o-Xylene	<0.00202	U	0.100	0.08128		mg/Kg		81	70 - 130	2	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-16222/5-A

Matrix: Solid

Analysis Batch: 16343

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16222

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 11:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 11:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 11:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/22 09:22	01/10/22 11:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:22	01/10/22 11:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/22 09:22	01/10/22 11:17	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	01/07/22 09:22	01/10/22 11:17	1			
1,4-Difluorobenzene (Surr)	120		70 - 130	01/07/22 09:22	01/10/22 11:17	1			

Lab Sample ID: LCS 880-16222/1-A

Matrix: Solid

Analysis Batch: 16343

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16222

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1004		mg/Kg		100	70 - 130
Toluene	0.100	0.1065		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2212		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1043		mg/Kg		104	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	228	S1+	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-16222/1-A

Matrix: Solid

Analysis Batch: 16343

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16222

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	121		70 - 130

Lab Sample ID: LCSD 880-16222/2-A

Matrix: Solid

Analysis Batch: 16343

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16222

			Spike	LCS	LCS				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.1031		mg/Kg		103	70 - 130	3	35
Toluene			0.100	0.1102		mg/Kg		110	70 - 130	3	35
Ethylbenzene			0.100	0.1122		mg/Kg		112	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2281		mg/Kg		114	70 - 130	3	35
o-Xylene			0.100	0.1087		mg/Kg		109	70 - 130	4	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	238	S1+	70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-9941-41 MS

Matrix: Solid

Analysis Batch: 16343

Client Sample ID: SW-6

Prep Type: Total/NA

Prep Batch: 16222

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.0996	0.09426		mg/Kg		95	70 - 130		
Toluene	<0.00199	U	0.0996	0.09612		mg/Kg		97	70 - 130		
Ethylbenzene	<0.00199	U	0.0996	0.09450		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1862		mg/Kg		93	70 - 130		
o-Xylene	<0.00199	U	0.0996	0.09318		mg/Kg		94	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	293	S1+	70 - 130
1,4-Difluorobenzene (Surr)	129		70 - 130

Lab Sample ID: 880-9941-41 MSD

Matrix: Solid

Analysis Batch: 16343

Client Sample ID: SW-6

Prep Type: Total/NA

Prep Batch: 16222

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.0998	0.08291		mg/Kg		83	70 - 130	13	35
Toluene	<0.00199	U	0.0998	0.08049		mg/Kg		81	70 - 130	18	35
Ethylbenzene	<0.00199	U	0.0998	0.07949		mg/Kg		80	70 - 130	17	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1583		mg/Kg		79	70 - 130	16	35
o-Xylene	<0.00199	U	0.0998	0.07716		mg/Kg		77	70 - 130	19	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	248	S1+	70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-16240/5-A

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16240

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/07/22 11:54	01/08/22 20:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 11:54	01/08/22 20:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 11:54	01/08/22 20:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/22 11:54	01/08/22 20:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 11:54	01/08/22 20:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/22 11:54	01/08/22 20:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	01/07/22 11:54	01/08/22 20:23	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/07/22 11:54	01/08/22 20:23	1

Lab Sample ID: LCS 880-16240/1-A

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1237		mg/Kg		124	70 - 130
Toluene	0.100	0.1229		mg/Kg		123	70 - 130
Ethylbenzene	0.100	0.1213		mg/Kg		121	70 - 130
m-Xylene & p-Xylene	0.200	0.2463		mg/Kg		123	70 - 130
o-Xylene	0.100	0.1210		mg/Kg		121	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	252	S1+	70 - 130
1,4-Difluorobenzene (Surr)	140	S1+	70 - 130

Lab Sample ID: LCSD 880-16240/2-A

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16240

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1032		mg/Kg		103	70 - 130	18	35
Toluene	0.100	0.1014		mg/Kg		101	70 - 130	19	35
Ethylbenzene	0.100	0.09986		mg/Kg		100	70 - 130	19	35
m-Xylene & p-Xylene	0.200	0.2020		mg/Kg		101	70 - 130	20	35
o-Xylene	0.100	0.1008		mg/Kg		101	70 - 130	18	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	227	S1+	70 - 130
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130

Lab Sample ID: 880-9941-61 MS

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: SW-26

Prep Type: Total/NA

Prep Batch: 16240

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1	0.0990	0.03153	F1	mg/Kg		32	70 - 130
Toluene	<0.00199	U F1	0.0990	0.03471	F1	mg/Kg		35	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9941-61 MS

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: SW-26

Prep Type: Total/NA

Prep Batch: 16240

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00199	U F1	0.0990	0.05498	F1	mg/Kg		56	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.198	0.1044	F1	mg/Kg		53	70 - 130
o-Xylene	<0.00199	U F1	0.0990	0.03710	F1	mg/Kg		37	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	249	S1+	70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: 880-9941-61 MSD

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: SW-26

Prep Type: Total/NA

Prep Batch: 16240

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.100	0.03736	F1	mg/Kg		37	70 - 130	17	35
Toluene	<0.00199	U F1	0.100	0.04148	F1	mg/Kg		41	70 - 130	18	35
Ethylbenzene	<0.00199	U F1	0.100	0.04581	F1	mg/Kg		46	70 - 130	18	35
m-Xylene & p-Xylene	<0.00398	U F1	0.201	0.09433	F1	mg/Kg		47	70 - 130	10	35
o-Xylene	<0.00199	U F1	0.100	0.04957	F1	mg/Kg		49	70 - 130	29	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	206	S1+	70 - 130
1,4-Difluorobenzene (Surr)	134	S1+	70 - 130

Lab Sample ID: MB 880-16263/39

Matrix: Solid

Analysis Batch: 16263

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			01/08/22 06:41	1
Toluene	<0.00200	U	0.00200		mg/Kg			01/08/22 06:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			01/08/22 06:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			01/08/22 06:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			01/08/22 06:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			01/08/22 06:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130		01/08/22 06:41	1
1,4-Difluorobenzene (Surr)	106		70 - 130		01/08/22 06:41	1

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

Lab Sample ID: MB 880-16210/1-A

Matrix: Solid

Analysis Batch: 16215

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16210

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		01/07/22 08:53	01/07/22 11:13	1

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-16210/1-A

Matrix: Solid

Analysis Batch: 16215

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16210

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 08:53	01/07/22 11:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 08:53	01/07/22 11:13	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/07/22 08:53	01/07/22 11:13	1
o-Terphenyl	108		70 - 130				01/07/22 08:53	01/07/22 11:13	1

Lab Sample ID: LCS 880-16210/2-A

Matrix: Solid

Analysis Batch: 16215

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16210

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	752.8		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	1000	949.7		mg/Kg		95	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	97		70 - 130				
o-Terphenyl	104		70 - 130				

Lab Sample ID: LCSD 880-16210/3-A

Matrix: Solid

Analysis Batch: 16215

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16210

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	858.9		mg/Kg		86	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	1000	1156		mg/Kg		116	70 - 130	20	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	105		70 - 130						
o-Terphenyl	113		70 - 130						

Lab Sample ID: 880-9941-61 MS

Matrix: Solid

Analysis Batch: 16215

Client Sample ID: SW-26

Prep Type: Total/NA

Prep Batch: 16210

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	813.9		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	995.7		mg/Kg		97	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	76		70 - 130						
o-Terphenyl	80		70 - 130						

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9941-61 MSD

Matrix: Solid

Analysis Batch: 16215

Client Sample ID: SW-26

Prep Type: Total/NA

Prep Batch: 16210

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	870.1		mg/Kg		86	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1112		mg/Kg		108	70 - 130	11	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: MB 880-16212/1-A

Matrix: Solid

Analysis Batch: 16217

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16212

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		01/07/22 08:54	01/07/22 11:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 08:54	01/07/22 11:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 08:54	01/07/22 11:13	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/07/22 08:54	01/07/22 11:13	1
o-Terphenyl	93		70 - 130				01/07/22 08:54	01/07/22 11:13	1

Lab Sample ID: LCS 880-16212/2-A

Matrix: Solid

Analysis Batch: 16217

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16212

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	891.2		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1013		mg/Kg		101	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	120		70 - 130						
o-Terphenyl	116		70 - 130						

Lab Sample ID: LCSD 880-16212/3-A

Matrix: Solid

Analysis Batch: 16217

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16212

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	881.7		mg/Kg		88	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	989.3		mg/Kg		99	70 - 130	2	20

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-16212/3-A

Matrix: Solid

Analysis Batch: 16217

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16212

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: 880-9941-63 MS

Matrix: Solid

Analysis Batch: 16217

Client Sample ID: SW-28

Prep Type: Total/NA

Prep Batch: 16212

	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	911.9		mg/Kg		88	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	996	953.9		mg/Kg		93	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	81		70 - 130							
o-Terphenyl	74		70 - 130							

Lab Sample ID: 880-9941-63 MSD

Matrix: Solid

Analysis Batch: 16217

Client Sample ID: SW-28

Prep Type: Total/NA

Prep Batch: 16212

	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	892.8		mg/Kg		86	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	978.6		mg/Kg		95	70 - 130	3	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	81		70 - 130									
o-Terphenyl	76		70 - 130									

Lab Sample ID: MB 880-16223/1-A

Matrix: Solid

Analysis Batch: 16229

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16223

	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		01/07/22 09:43	01/07/22 15:28	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 15:28	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:43	01/07/22 15:28	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	123		70 - 130				01/07/22 09:43	01/07/22 15:28	1		
o-Terphenyl	129		70 - 130				01/07/22 09:43	01/07/22 15:28	1		

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-16223/2-A

Matrix: Solid

Analysis Batch: 16229

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16223

Analyte			Spike	LCS	LCS	Unit	D	%Rec.		
			Added	Result	Qualifier			%Rec		
Gasoline Range Organics (GRO)-C6-C10			1000	1023		mg/Kg		102	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1079		mg/Kg		108	70 - 130	

Lab Sample ID: LCSD 880-16223/3-A

Matrix: Solid

Analysis Batch: 16229

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16223

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1035		mg/Kg		104	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1127		mg/Kg		113	70 - 130	4	20

Lab Sample ID: 880-9941-1 MS

Matrix: Solid

Analysis Batch: 16229

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 16223

	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	1151		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1162		mg/Kg		117	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	113		70 - 130								
o-Terphenyl	116		70 - 130								

Lab Sample ID: 880-9941-1 MSD

Matrix: Solid

Analysis Batch: 16229

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 16223

	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	1168		mg/Kg		114	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1197		mg/Kg		120	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	113		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9941-1 MSD

Matrix: Solid

Analysis Batch: 16229

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 16223

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	117		70 - 130

Lab Sample ID: MB 880-16224/1-A

Matrix: Solid

Analysis Batch: 16229

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16224

	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		01/07/22 09:47	01/08/22 00:48	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 00:48	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:47	01/08/22 00:48	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	121		70 - 130				01/07/22 09:47	01/08/22 00:48	1	
<i>o</i> -Terphenyl	129		70 - 130				01/07/22 09:47	01/08/22 00:48	1	

Lab Sample ID: LCS 880-16224/2-A

Matrix: Solid

Analysis Batch: 16229

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16224

		Spike	LCS	LCS				%Rec.		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	992.7		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1056		mg/Kg		106	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	112		70 - 130							
<i>o</i> -Terphenyl	117		70 - 130							

Lab Sample ID: LCSD 880-16224/3-A

Matrix: Solid

Analysis Batch: 16229

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16224

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	973.2		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1072		mg/Kg		107	70 - 130	2	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	104		70 - 130								
o-Terphenyl	101		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9941-21 MS

Matrix: Solid

Analysis Batch: 16229

Client Sample ID: CS-21 (3')

Prep Type: Total/NA

Prep Batch: 16224

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	1032		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1037		mg/Kg		104	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	101		70 - 130						

Lab Sample ID: 880-9941-21 MSD

Matrix: Solid

Analysis Batch: 16229

Client Sample ID: CS-21 (3')

Prep Type: Total/NA

Prep Batch: 16224

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	1050		mg/Kg		102	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1049		mg/Kg		105	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	102		70 - 130								

Lab Sample ID: MB 880-16225/1-A

Matrix: Solid

Analysis Batch: 16329

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16225

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		01/07/22 09:49	01/08/22 11:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 11:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 09:49	01/08/22 11:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				01/07/22 09:49	01/08/22 11:38	1
o-Terphenyl	96		70 - 130				01/07/22 09:49	01/08/22 11:38	1

Lab Sample ID: LCS 880-16225/2-A

Matrix: Solid

Analysis Batch: 16329

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	907.4		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	977.2		mg/Kg		98	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-16225/2-A

Matrix: Solid

Analysis Batch: 16329

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16225

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: LCSD 880-16225/3-A

Matrix: Solid

Analysis Batch: 16329

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16225

			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.0		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	981.4		mg/Kg		98	70 - 130	0	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	106		70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: 880-9941-41 MS

Matrix: Solid

Analysis Batch: 16329

Client Sample ID: SW-6

Prep Type: Total/NA

Prep Batch: 16225

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1047		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1137		mg/Kg		114	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	110		70 - 130								
o-Terphenyl	102		70 - 130								

Lab Sample ID: 880-9941-41 MSD

Matrix: Solid

Analysis Batch: 16329

Client Sample ID: SW-6

Prep Type: Total/NA

Prep Batch: 16225

	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	1104		mg/Kg		107	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1209		mg/Kg		121	70 - 130	6	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	116		70 - 130								
o-Terphenyl	104		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-16231/1-A

Matrix: Solid

Analysis Batch: 16330

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			01/07/22 18:36	1

Lab Sample ID: LCS 880-16231/2-A

Matrix: Solid

Analysis Batch: 16330

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	225.1		mg/Kg		90	90 - 110

Lab Sample ID: LCSD 880-16231/3-A

Matrix: Solid

Analysis Batch: 16330

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	226.3		mg/Kg		91	90 - 110	1	20

Lab Sample ID: 880-9941-61 MS

Matrix: Solid

Analysis Batch: 16330

Client Sample ID: SW-26

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	46.7	F1	249	223.3	F1	mg/Kg		71	90 - 110

Lab Sample ID: 880-9941-61 MSD

Matrix: Solid

Analysis Batch: 16330

Client Sample ID: SW-26

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	46.7	F1	249	234.6	F1	mg/Kg		75	90 - 110	5	20

Lab Sample ID: MB 880-16235/1-A

Matrix: Solid

Analysis Batch: 16333

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			01/10/22 15:19	1

Lab Sample ID: LCS 880-16235/2-A

Matrix: Solid

Analysis Batch: 16333

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	252.3		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-16235/3-A

Matrix: Solid

Analysis Batch: 16333

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	261.1		mg/Kg		104	90 - 110	3	20

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-9941-41 MS

Matrix: Solid

Analysis Batch: 16333

Client Sample ID: SW-6

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	97.7	F1	248	385.3	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-9941-41 MSD

Matrix: Solid

Analysis Batch: 16333

Client Sample ID: SW-6

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	97.7	F1	248	388.6	F1	mg/Kg		118	90 - 110	1	20

Lab Sample ID: 880-9941-51 MS

Matrix: Solid

Analysis Batch: 16333

Client Sample ID: SW-16

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	22.3	F1	252	318.0	F1	mg/Kg		117	90 - 110

Lab Sample ID: 880-9941-51 MSD

Matrix: Solid

Analysis Batch: 16333

Client Sample ID: SW-16

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	22.3	F1	252	321.8	F1	mg/Kg		119	90 - 110	1	20

Lab Sample ID: MB 880-16233/1-A

Matrix: Solid

Analysis Batch: 16395

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			01/11/22 12:24	1

Lab Sample ID: LCS 880-16233/2-A

Matrix: Solid

Analysis Batch: 16395

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	261.2		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-16233/3-A

Matrix: Solid

Analysis Batch: 16395

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	260.2		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-9941-1 MS

Matrix: Solid

Analysis Batch: 16395

Client Sample ID: CS-1 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	82.1		250	356.2		mg/Kg		110	90 - 110

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-9941-1 MSD

Matrix: Solid

Analysis Batch: 16395

Client Sample ID: CS-1 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	82.1		250	356.2		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-9941-11 MS

Matrix: Solid

Analysis Batch: 16395

Client Sample ID: CS-11 (2.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	198		250	464.4		mg/Kg		107	90 - 110		

Lab Sample ID: 880-9941-11 MSD

Matrix: Solid

Analysis Batch: 16395

Client Sample ID: CS-11 (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	198		250	465.4		mg/Kg		107	90 - 110	0	20

Lab Sample ID: MB 880-16234/1-A

Matrix: Solid

Analysis Batch: 16396

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			01/11/22 14:17	1

Lab Sample ID: LCS 880-16234/2-A

Matrix: Solid

Analysis Batch: 16396

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	250	246.9		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-16234/3-A

Matrix: Solid

Analysis Batch: 16396

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	241.0		mg/Kg		96	90 - 110	2	20

Lab Sample ID: 880-9941-21 MS

Matrix: Solid

Analysis Batch: 16396

Client Sample ID: CS-21 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	96.1		248	348.7		mg/Kg		102	90 - 110		

Lab Sample ID: 880-9941-21 MSD

Matrix: Solid

Analysis Batch: 16396

Client Sample ID: CS-21 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	96.1		248	343.2		mg/Kg		100	90 - 110	2	20

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QC Sample Results

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-9941-31 MS

Matrix: Solid

Analysis Batch: 16396

Client Sample ID: CS-31 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	169		249	423.9		mg/Kg		102	90 - 110		

Lab Sample ID: 880-9941-31 MSD

Matrix: Solid

Analysis Batch: 16396

Client Sample ID: CS-31 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	169		249	423.8		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 16162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-16162/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 16203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-1	CS-1 (2')	Total/NA	Solid	8021B	16221
880-9941-2	CS-2 (2')	Total/NA	Solid	8021B	16221
880-9941-3	CS-3 (2')	Total/NA	Solid	8021B	16221
880-9941-4	CS-4 (2')	Total/NA	Solid	8021B	16221
880-9941-5	CS-5 (2')	Total/NA	Solid	8021B	16221
880-9941-6	CS-6 (3')	Total/NA	Solid	8021B	16221
880-9941-7	CS-7 (3')	Total/NA	Solid	8021B	16221
880-9941-8	CS-8 (2.5')	Total/NA	Solid	8021B	16221
880-9941-9	CS-9 (2.5')	Total/NA	Solid	8021B	16221
880-9941-10	CS-10 (2.5')	Total/NA	Solid	8021B	16221
880-9941-11	CS-11 (2.5')	Total/NA	Solid	8021B	16221
880-9941-12	CS-12 (2.5')	Total/NA	Solid	8021B	16221
880-9941-13	CS-13 (3')	Total/NA	Solid	8021B	16221
880-9941-14	CS-14 (3')	Total/NA	Solid	8021B	16221
880-9941-15	CS-15 (3')	Total/NA	Solid	8021B	16221
880-9941-16	CS-16 (3')	Total/NA	Solid	8021B	16221
880-9941-17	CS-17 (3')	Total/NA	Solid	8021B	16221
880-9941-18	CS-18 (3')	Total/NA	Solid	8021B	16221
880-9941-19	CS-19 (3')	Total/NA	Solid	8021B	16221
880-9941-20	CS-20 (3')	Total/NA	Solid	8021B	16221
MB 880-16162/5-A	Method Blank	Total/NA	Solid	8021B	16162
MB 880-16221/5-A	Method Blank	Total/NA	Solid	8021B	16221
LCS 880-16221/1-A	Lab Control Sample	Total/NA	Solid	8021B	16221
LCSD 880-16221/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16221
880-9941-1 MS	CS-1 (2')	Total/NA	Solid	8021B	16221
880-9941-1 MSD	CS-1 (2')	Total/NA	Solid	8021B	16221

Prep Batch: 16220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-21	CS-21 (3')	Total/NA	Solid	5035	
880-9941-22	CS-22 (3')	Total/NA	Solid	5035	
880-9941-23	CS-23 (3')	Total/NA	Solid	5035	
880-9941-24	CS-24 (3')	Total/NA	Solid	5035	
880-9941-25	CS-25 (2.5')	Total/NA	Solid	5035	
880-9941-26	CS-26 (2.5')	Total/NA	Solid	5035	
880-9941-27	CS-27 (2.5')	Total/NA	Solid	5035	
880-9941-28	CS-28 (3')	Total/NA	Solid	5035	
880-9941-29	CS-29 (3')	Total/NA	Solid	5035	
880-9941-30	CS-30 (3')	Total/NA	Solid	5035	
880-9941-31	CS-31 (3')	Total/NA	Solid	5035	
880-9941-32	CS-32 (3')	Total/NA	Solid	5035	
880-9941-33	CS-33 (3')	Total/NA	Solid	5035	
880-9941-34	CS-34 (3')	Total/NA	Solid	5035	
880-9941-35	CS-35 (3')	Total/NA	Solid	5035	
880-9941-36	SW-1	Total/NA	Solid	5035	
880-9941-37	SW-2	Total/NA	Solid	5035	
880-9941-38	SW-3	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 16220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-39	SW-4	Total/NA	Solid	5035	
880-9941-40	SW-5	Total/NA	Solid	5035	
MB 880-16220/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16220/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16220/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9941-21 MS	CS-21 (3')	Total/NA	Solid	5035	
880-9941-21 MSD	CS-21 (3')	Total/NA	Solid	5035	

Prep Batch: 16221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-1	CS-1 (2')	Total/NA	Solid	5035	
880-9941-2	CS-2 (2')	Total/NA	Solid	5035	
880-9941-3	CS-3 (2')	Total/NA	Solid	5035	
880-9941-4	CS-4 (2')	Total/NA	Solid	5035	
880-9941-5	CS-5 (2')	Total/NA	Solid	5035	
880-9941-6	CS-6 (3')	Total/NA	Solid	5035	
880-9941-7	CS-7 (3')	Total/NA	Solid	5035	
880-9941-8	CS-8 (2.5')	Total/NA	Solid	5035	
880-9941-9	CS-9 (2.5')	Total/NA	Solid	5035	
880-9941-10	CS-10 (2.5')	Total/NA	Solid	5035	
880-9941-11	CS-11 (2.5')	Total/NA	Solid	5035	
880-9941-12	CS-12 (2.5')	Total/NA	Solid	5035	
880-9941-13	CS-13 (3')	Total/NA	Solid	5035	
880-9941-14	CS-14 (3')	Total/NA	Solid	5035	
880-9941-15	CS-15 (3')	Total/NA	Solid	5035	
880-9941-16	CS-16 (3')	Total/NA	Solid	5035	
880-9941-17	CS-17 (3')	Total/NA	Solid	5035	
880-9941-18	CS-18 (3')	Total/NA	Solid	5035	
880-9941-19	CS-19 (3')	Total/NA	Solid	5035	
880-9941-20	CS-20 (3')	Total/NA	Solid	5035	
MB 880-16221/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16221/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16221/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9941-1 MS	CS-1 (2')	Total/NA	Solid	5035	
880-9941-1 MSD	CS-1 (2')	Total/NA	Solid	5035	

Prep Batch: 16222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-41	SW-6	Total/NA	Solid	5035	
880-9941-42	SW-7	Total/NA	Solid	5035	
880-9941-43	SW-8	Total/NA	Solid	5035	
880-9941-44	SW-9	Total/NA	Solid	5035	
880-9941-45	SW-10	Total/NA	Solid	5035	
880-9941-46	SW-11	Total/NA	Solid	5035	
880-9941-47	SW-12	Total/NA	Solid	5035	
880-9941-48	SW-13	Total/NA	Solid	5035	
880-9941-49	SW-14	Total/NA	Solid	5035	
880-9941-50	SW-15	Total/NA	Solid	5035	
880-9941-51	SW-16	Total/NA	Solid	5035	
880-9941-52	SW-17	Total/NA	Solid	5035	
880-9941-53	SW-18	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 16222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-54	SW-19	Total/NA	Solid	5035	
880-9941-55	SW-20	Total/NA	Solid	5035	
880-9941-56	SW-21	Total/NA	Solid	5035	
880-9941-57	SW-22	Total/NA	Solid	5035	
880-9941-58	SW-23	Total/NA	Solid	5035	
880-9941-59	SW-24	Total/NA	Solid	5035	
880-9941-60	SW-25	Total/NA	Solid	5035	
MB 880-16222/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16222/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16222/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9941-41 MS	SW-6	Total/NA	Solid	5035	
880-9941-41 MSD	SW-6	Total/NA	Solid	5035	

Prep Batch: 16240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-61	SW-26	Total/NA	Solid	5035	
880-9941-62	SW-27	Total/NA	Solid	5035	
880-9941-63	SW-28	Total/NA	Solid	5035	
MB 880-16240/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16240/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16240/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9941-61 MS	SW-26	Total/NA	Solid	5035	
880-9941-61 MSD	SW-26	Total/NA	Solid	5035	

Analysis Batch: 16263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-61	SW-26	Total/NA	Solid	8021B	16240
880-9941-62	SW-27	Total/NA	Solid	8021B	16240
880-9941-63	SW-28	Total/NA	Solid	8021B	16240
MB 880-16240/5-A	Method Blank	Total/NA	Solid	8021B	16240
MB 880-16263/39	Method Blank	Total/NA	Solid	8021B	
LCS 880-16240/1-A	Lab Control Sample	Total/NA	Solid	8021B	16240
LCSD 880-16240/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16240
880-9941-61 MS	SW-26	Total/NA	Solid	8021B	16240
880-9941-61 MSD	SW-26	Total/NA	Solid	8021B	16240

Analysis Batch: 16342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-21	CS-21 (3')	Total/NA	Solid	8021B	16220
880-9941-22	CS-22 (3')	Total/NA	Solid	8021B	16220
880-9941-23	CS-23 (3')	Total/NA	Solid	8021B	16220
880-9941-24	CS-24 (3')	Total/NA	Solid	8021B	16220
880-9941-25	CS-25 (2.5')	Total/NA	Solid	8021B	16220
880-9941-26	CS-26 (2.5')	Total/NA	Solid	8021B	16220
880-9941-27	CS-27 (2.5')	Total/NA	Solid	8021B	16220
880-9941-28	CS-28 (3')	Total/NA	Solid	8021B	16220
880-9941-29	CS-29 (3')	Total/NA	Solid	8021B	16220
880-9941-30	CS-30 (3')	Total/NA	Solid	8021B	16220
880-9941-31	CS-31 (3')	Total/NA	Solid	8021B	16220
880-9941-32	CS-32 (3')	Total/NA	Solid	8021B	16220
880-9941-33	CS-33 (3')	Total/NA	Solid	8021B	16220

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QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 16342 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-34	CS-34 (3')	Total/NA	Solid	8021B	16220
880-9941-35	CS-35 (3')	Total/NA	Solid	8021B	16220
880-9941-36	SW-1	Total/NA	Solid	8021B	16220
880-9941-37	SW-2	Total/NA	Solid	8021B	16220
880-9941-38	SW-3	Total/NA	Solid	8021B	16220
880-9941-39	SW-4	Total/NA	Solid	8021B	16220
880-9941-40	SW-5	Total/NA	Solid	8021B	16220
MB 880-16220/5-A	Method Blank	Total/NA	Solid	8021B	16220
LCS 880-16220/1-A	Lab Control Sample	Total/NA	Solid	8021B	16220
LCSD 880-16220/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16220
880-9941-21 MS	CS-21 (3')	Total/NA	Solid	8021B	16220
880-9941-21 MSD	CS-21 (3')	Total/NA	Solid	8021B	16220

Analysis Batch: 16343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-41	SW-6	Total/NA	Solid	8021B	16222
880-9941-42	SW-7	Total/NA	Solid	8021B	16222
880-9941-43	SW-8	Total/NA	Solid	8021B	16222
880-9941-44	SW-9	Total/NA	Solid	8021B	16222
880-9941-45	SW-10	Total/NA	Solid	8021B	16222
880-9941-46	SW-11	Total/NA	Solid	8021B	16222
880-9941-47	SW-12	Total/NA	Solid	8021B	16222
880-9941-48	SW-13	Total/NA	Solid	8021B	16222
880-9941-49	SW-14	Total/NA	Solid	8021B	16222
880-9941-50	SW-15	Total/NA	Solid	8021B	16222
880-9941-51	SW-16	Total/NA	Solid	8021B	16222
880-9941-52	SW-17	Total/NA	Solid	8021B	16222
880-9941-53	SW-18	Total/NA	Solid	8021B	16222
880-9941-54	SW-19	Total/NA	Solid	8021B	16222
880-9941-55	SW-20	Total/NA	Solid	8021B	16222
880-9941-56	SW-21	Total/NA	Solid	8021B	16222
880-9941-57	SW-22	Total/NA	Solid	8021B	16222
880-9941-58	SW-23	Total/NA	Solid	8021B	16222
880-9941-59	SW-24	Total/NA	Solid	8021B	16222
880-9941-60	SW-25	Total/NA	Solid	8021B	16222
MB 880-16222/5-A	Method Blank	Total/NA	Solid	8021B	16222
LCS 880-16222/1-A	Lab Control Sample	Total/NA	Solid	8021B	16222
LCSD 880-16222/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16222
880-9941-41 MS	SW-6	Total/NA	Solid	8021B	16222
880-9941-41 MSD	SW-6	Total/NA	Solid	8021B	16222

Analysis Batch: 16515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-21	CS-21 (3')	Total/NA	Solid	Total BTEX	
880-9941-22	CS-22 (3')	Total/NA	Solid	Total BTEX	
880-9941-23	CS-23 (3')	Total/NA	Solid	Total BTEX	
880-9941-24	CS-24 (3')	Total/NA	Solid	Total BTEX	
880-9941-25	CS-25 (2.5')	Total/NA	Solid	Total BTEX	
880-9941-26	CS-26 (2.5')	Total/NA	Solid	Total BTEX	
880-9941-27	CS-27 (2.5')	Total/NA	Solid	Total BTEX	
880-9941-28	CS-28 (3')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 16515 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-29	CS-29 (3')	Total/NA	Solid	Total BTEX	
880-9941-30	CS-30 (3')	Total/NA	Solid	Total BTEX	
880-9941-31	CS-31 (3')	Total/NA	Solid	Total BTEX	
880-9941-32	CS-32 (3')	Total/NA	Solid	Total BTEX	
880-9941-33	CS-33 (3')	Total/NA	Solid	Total BTEX	
880-9941-34	CS-34 (3')	Total/NA	Solid	Total BTEX	
880-9941-35	CS-35 (3')	Total/NA	Solid	Total BTEX	
880-9941-36	SW-1	Total/NA	Solid	Total BTEX	
880-9941-37	SW-2	Total/NA	Solid	Total BTEX	
880-9941-38	SW-3	Total/NA	Solid	Total BTEX	
880-9941-39	SW-4	Total/NA	Solid	Total BTEX	
880-9941-40	SW-5	Total/NA	Solid	Total BTEX	
880-9941-41	SW-6	Total/NA	Solid	Total BTEX	
880-9941-42	SW-7	Total/NA	Solid	Total BTEX	
880-9941-43	SW-8	Total/NA	Solid	Total BTEX	
880-9941-44	SW-9	Total/NA	Solid	Total BTEX	
880-9941-45	SW-10	Total/NA	Solid	Total BTEX	
880-9941-46	SW-11	Total/NA	Solid	Total BTEX	
880-9941-47	SW-12	Total/NA	Solid	Total BTEX	
880-9941-48	SW-13	Total/NA	Solid	Total BTEX	
880-9941-49	SW-14	Total/NA	Solid	Total BTEX	
880-9941-50	SW-15	Total/NA	Solid	Total BTEX	
880-9941-51	SW-16	Total/NA	Solid	Total BTEX	
880-9941-52	SW-17	Total/NA	Solid	Total BTEX	
880-9941-53	SW-18	Total/NA	Solid	Total BTEX	
880-9941-54	SW-19	Total/NA	Solid	Total BTEX	
880-9941-55	SW-20	Total/NA	Solid	Total BTEX	
880-9941-56	SW-21	Total/NA	Solid	Total BTEX	
880-9941-57	SW-22	Total/NA	Solid	Total BTEX	
880-9941-58	SW-23	Total/NA	Solid	Total BTEX	
880-9941-59	SW-24	Total/NA	Solid	Total BTEX	
880-9941-60	SW-25	Total/NA	Solid	Total BTEX	

Analysis Batch: 16668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-1	CS-1 (2')	Total/NA	Solid	Total BTEX	
880-9941-2	CS-2 (2')	Total/NA	Solid	Total BTEX	
880-9941-3	CS-3 (2')	Total/NA	Solid	Total BTEX	
880-9941-4	CS-4 (2')	Total/NA	Solid	Total BTEX	
880-9941-5	CS-5 (2')	Total/NA	Solid	Total BTEX	
880-9941-6	CS-6 (3')	Total/NA	Solid	Total BTEX	
880-9941-7	CS-7 (3')	Total/NA	Solid	Total BTEX	
880-9941-8	CS-8 (2.5')	Total/NA	Solid	Total BTEX	
880-9941-9	CS-9 (2.5')	Total/NA	Solid	Total BTEX	
880-9941-10	CS-10 (2.5')	Total/NA	Solid	Total BTEX	
880-9941-11	CS-11 (2.5')	Total/NA	Solid	Total BTEX	
880-9941-12	CS-12 (2.5')	Total/NA	Solid	Total BTEX	
880-9941-13	CS-13 (3')	Total/NA	Solid	Total BTEX	
880-9941-14	CS-14 (3')	Total/NA	Solid	Total BTEX	
880-9941-15	CS-15 (3')	Total/NA	Solid	Total BTEX	
880-9941-16	CS-16 (3')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 16668 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-17	CS-17 (3')	Total/NA	Solid	Total BTEX	
880-9941-18	CS-18 (3')	Total/NA	Solid	Total BTEX	
880-9941-19	CS-19 (3')	Total/NA	Solid	Total BTEX	
880-9941-20	CS-20 (3')	Total/NA	Solid	Total BTEX	
880-9941-61	SW-26	Total/NA	Solid	Total BTEX	
880-9941-62	SW-27	Total/NA	Solid	Total BTEX	
880-9941-63	SW-28	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 16210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-61	SW-26	Total/NA	Solid	8015NM Prep	
880-9941-62	SW-27	Total/NA	Solid	8015NM Prep	
MB 880-16210/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16210/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16210/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9941-61 MS	SW-26	Total/NA	Solid	8015NM Prep	
880-9941-61 MSD	SW-26	Total/NA	Solid	8015NM Prep	

Prep Batch: 16212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-63	SW-28	Total/NA	Solid	8015NM Prep	
MB 880-16212/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16212/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16212/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9941-63 MS	SW-28	Total/NA	Solid	8015NM Prep	
880-9941-63 MSD	SW-28	Total/NA	Solid	8015NM Prep	

Analysis Batch: 16215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-61	SW-26	Total/NA	Solid	8015B NM	16210
880-9941-62	SW-27	Total/NA	Solid	8015B NM	16210
MB 880-16210/1-A	Method Blank	Total/NA	Solid	8015B NM	16210
LCS 880-16210/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16210
LCSD 880-16210/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16210
880-9941-61 MS	SW-26	Total/NA	Solid	8015B NM	16210
880-9941-61 MSD	SW-26	Total/NA	Solid	8015B NM	16210

Analysis Batch: 16217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-63	SW-28	Total/NA	Solid	8015B NM	16212
MB 880-16212/1-A	Method Blank	Total/NA	Solid	8015B NM	16212
LCS 880-16212/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16212
LCSD 880-16212/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16212
880-9941-63 MS	SW-28	Total/NA	Solid	8015B NM	16212
880-9941-63 MSD	SW-28	Total/NA	Solid	8015B NM	16212

Prep Batch: 16223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-1	CS-1 (2')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 16223 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-2	CS-2 (2')	Total/NA	Solid	8015NM Prep	
880-9941-3	CS-3 (2')	Total/NA	Solid	8015NM Prep	
880-9941-4	CS-4 (2')	Total/NA	Solid	8015NM Prep	
880-9941-5	CS-5 (2')	Total/NA	Solid	8015NM Prep	
880-9941-6	CS-6 (3')	Total/NA	Solid	8015NM Prep	
880-9941-7	CS-7 (3')	Total/NA	Solid	8015NM Prep	
880-9941-8	CS-8 (2.5')	Total/NA	Solid	8015NM Prep	
880-9941-9	CS-9 (2.5')	Total/NA	Solid	8015NM Prep	
880-9941-10	CS-10 (2.5')	Total/NA	Solid	8015NM Prep	
880-9941-11	CS-11 (2.5')	Total/NA	Solid	8015NM Prep	
880-9941-12	CS-12 (2.5')	Total/NA	Solid	8015NM Prep	
880-9941-13	CS-13 (3')	Total/NA	Solid	8015NM Prep	
880-9941-14	CS-14 (3')	Total/NA	Solid	8015NM Prep	
880-9941-15	CS-15 (3')	Total/NA	Solid	8015NM Prep	
880-9941-16	CS-16 (3')	Total/NA	Solid	8015NM Prep	
880-9941-17	CS-17 (3')	Total/NA	Solid	8015NM Prep	
880-9941-18	CS-18 (3')	Total/NA	Solid	8015NM Prep	
880-9941-19	CS-19 (3')	Total/NA	Solid	8015NM Prep	
880-9941-20	CS-20 (3')	Total/NA	Solid	8015NM Prep	
MB 880-16223/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16223/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16223/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9941-1 MS	CS-1 (2')	Total/NA	Solid	8015NM Prep	
880-9941-1 MSD	CS-1 (2')	Total/NA	Solid	8015NM Prep	

Prep Batch: 16224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-21	CS-21 (3')	Total/NA	Solid	8015NM Prep	
880-9941-22	CS-22 (3')	Total/NA	Solid	8015NM Prep	
880-9941-23	CS-23 (3')	Total/NA	Solid	8015NM Prep	
880-9941-24	CS-24 (3')	Total/NA	Solid	8015NM Prep	
880-9941-25	CS-25 (2.5')	Total/NA	Solid	8015NM Prep	
880-9941-26	CS-26 (2.5')	Total/NA	Solid	8015NM Prep	
880-9941-27	CS-27 (2.5')	Total/NA	Solid	8015NM Prep	
880-9941-28	CS-28 (3')	Total/NA	Solid	8015NM Prep	
880-9941-29	CS-29 (3')	Total/NA	Solid	8015NM Prep	
880-9941-30	CS-30 (3')	Total/NA	Solid	8015NM Prep	
880-9941-31	CS-31 (3')	Total/NA	Solid	8015NM Prep	
880-9941-32	CS-32 (3')	Total/NA	Solid	8015NM Prep	
880-9941-33	CS-33 (3')	Total/NA	Solid	8015NM Prep	
880-9941-34	CS-34 (3')	Total/NA	Solid	8015NM Prep	
880-9941-35	CS-35 (3')	Total/NA	Solid	8015NM Prep	
880-9941-36	SW-1	Total/NA	Solid	8015NM Prep	
880-9941-37	SW-2	Total/NA	Solid	8015NM Prep	
880-9941-38	SW-3	Total/NA	Solid	8015NM Prep	
880-9941-39	SW-4	Total/NA	Solid	8015NM Prep	
880-9941-40	SW-5	Total/NA	Solid	8015NM Prep	
MB 880-16224/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16224/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16224/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9941-21 MS	CS-21 (3')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 16224 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-21 MSD	CS-21 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 16225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-41	SW-6	Total/NA	Solid	8015NM Prep	
880-9941-42	SW-7	Total/NA	Solid	8015NM Prep	
880-9941-43	SW-8	Total/NA	Solid	8015NM Prep	
880-9941-44	SW-9	Total/NA	Solid	8015NM Prep	
880-9941-45	SW-10	Total/NA	Solid	8015NM Prep	
880-9941-46	SW-11	Total/NA	Solid	8015NM Prep	
880-9941-47	SW-12	Total/NA	Solid	8015NM Prep	
880-9941-48	SW-13	Total/NA	Solid	8015NM Prep	
880-9941-49	SW-14	Total/NA	Solid	8015NM Prep	
880-9941-50	SW-15	Total/NA	Solid	8015NM Prep	
880-9941-51	SW-16	Total/NA	Solid	8015NM Prep	
880-9941-52	SW-17	Total/NA	Solid	8015NM Prep	
880-9941-53	SW-18	Total/NA	Solid	8015NM Prep	
880-9941-54	SW-19	Total/NA	Solid	8015NM Prep	
880-9941-55	SW-20	Total/NA	Solid	8015NM Prep	
880-9941-56	SW-21	Total/NA	Solid	8015NM Prep	
880-9941-57	SW-22	Total/NA	Solid	8015NM Prep	
880-9941-58	SW-23	Total/NA	Solid	8015NM Prep	
880-9941-59	SW-24	Total/NA	Solid	8015NM Prep	
880-9941-60	SW-25	Total/NA	Solid	8015NM Prep	
MB 880-16225/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16225/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16225/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9941-41 MS	SW-6	Total/NA	Solid	8015NM Prep	
880-9941-41 MSD	SW-6	Total/NA	Solid	8015NM Prep	

Analysis Batch: 16229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-1	CS-1 (2')	Total/NA	Solid	8015B NM	16223
880-9941-2	CS-2 (2')	Total/NA	Solid	8015B NM	16223
880-9941-3	CS-3 (2')	Total/NA	Solid	8015B NM	16223
880-9941-4	CS-4 (2')	Total/NA	Solid	8015B NM	16223
880-9941-5	CS-5 (2')	Total/NA	Solid	8015B NM	16223
880-9941-6	CS-6 (3')	Total/NA	Solid	8015B NM	16223
880-9941-7	CS-7 (3')	Total/NA	Solid	8015B NM	16223
880-9941-8	CS-8 (2.5')	Total/NA	Solid	8015B NM	16223
880-9941-9	CS-9 (2.5')	Total/NA	Solid	8015B NM	16223
880-9941-10	CS-10 (2.5')	Total/NA	Solid	8015B NM	16223
880-9941-11	CS-11 (2.5')	Total/NA	Solid	8015B NM	16223
880-9941-12	CS-12 (2.5')	Total/NA	Solid	8015B NM	16223
880-9941-13	CS-13 (3')	Total/NA	Solid	8015B NM	16223
880-9941-14	CS-14 (3')	Total/NA	Solid	8015B NM	16223
880-9941-15	CS-15 (3')	Total/NA	Solid	8015B NM	16223
880-9941-16	CS-16 (3')	Total/NA	Solid	8015B NM	16223
880-9941-17	CS-17 (3')	Total/NA	Solid	8015B NM	16223
880-9941-18	CS-18 (3')	Total/NA	Solid	8015B NM	16223
880-9941-19	CS-19 (3')	Total/NA	Solid	8015B NM	16223

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 16229 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-20	CS-20 (3')	Total/NA	Solid	8015B NM	16223
880-9941-21	CS-21 (3')	Total/NA	Solid	8015B NM	16224
880-9941-22	CS-22 (3')	Total/NA	Solid	8015B NM	16224
880-9941-23	CS-23 (3')	Total/NA	Solid	8015B NM	16224
880-9941-24	CS-24 (3')	Total/NA	Solid	8015B NM	16224
880-9941-25	CS-25 (2.5')	Total/NA	Solid	8015B NM	16224
880-9941-26	CS-26 (2.5')	Total/NA	Solid	8015B NM	16224
880-9941-27	CS-27 (2.5')	Total/NA	Solid	8015B NM	16224
880-9941-28	CS-28 (3')	Total/NA	Solid	8015B NM	16224
880-9941-29	CS-29 (3')	Total/NA	Solid	8015B NM	16224
880-9941-30	CS-30 (3')	Total/NA	Solid	8015B NM	16224
880-9941-31	CS-31 (3')	Total/NA	Solid	8015B NM	16224
880-9941-32	CS-32 (3')	Total/NA	Solid	8015B NM	16224
880-9941-33	CS-33 (3')	Total/NA	Solid	8015B NM	16224
880-9941-34	CS-34 (3')	Total/NA	Solid	8015B NM	16224
880-9941-35	CS-35 (3')	Total/NA	Solid	8015B NM	16224
880-9941-36	SW-1	Total/NA	Solid	8015B NM	16224
880-9941-37	SW-2	Total/NA	Solid	8015B NM	16224
880-9941-38	SW-3	Total/NA	Solid	8015B NM	16224
880-9941-39	SW-4	Total/NA	Solid	8015B NM	16224
880-9941-40	SW-5	Total/NA	Solid	8015B NM	16224
MB 880-16223/1-A	Method Blank	Total/NA	Solid	8015B NM	16223
MB 880-16224/1-A	Method Blank	Total/NA	Solid	8015B NM	16224
LCS 880-16223/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16223
LCS 880-16224/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16224
LCSD 880-16223/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16223
LCSD 880-16224/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16224
880-9941-1 MS	CS-1 (2')	Total/NA	Solid	8015B NM	16223
880-9941-1 MSD	CS-1 (2')	Total/NA	Solid	8015B NM	16223
880-9941-21 MS	CS-21 (3')	Total/NA	Solid	8015B NM	16224
880-9941-21 MSD	CS-21 (3')	Total/NA	Solid	8015B NM	16224

Analysis Batch: 16329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-41	SW-6	Total/NA	Solid	8015B NM	16225
880-9941-42	SW-7	Total/NA	Solid	8015B NM	16225
880-9941-43	SW-8	Total/NA	Solid	8015B NM	16225
880-9941-44	SW-9	Total/NA	Solid	8015B NM	16225
880-9941-45	SW-10	Total/NA	Solid	8015B NM	16225
880-9941-46	SW-11	Total/NA	Solid	8015B NM	16225
880-9941-47	SW-12	Total/NA	Solid	8015B NM	16225
880-9941-48	SW-13	Total/NA	Solid	8015B NM	16225
880-9941-49	SW-14	Total/NA	Solid	8015B NM	16225
880-9941-50	SW-15	Total/NA	Solid	8015B NM	16225
880-9941-51	SW-16	Total/NA	Solid	8015B NM	16225
880-9941-52	SW-17	Total/NA	Solid	8015B NM	16225
880-9941-53	SW-18	Total/NA	Solid	8015B NM	16225
880-9941-54	SW-19	Total/NA	Solid	8015B NM	16225
880-9941-55	SW-20	Total/NA	Solid	8015B NM	16225
880-9941-56	SW-21	Total/NA	Solid	8015B NM	16225
880-9941-57	SW-22	Total/NA	Solid	8015B NM	16225

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 16329 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-58	SW-23	Total/NA	Solid	8015B NM	16225
880-9941-59	SW-24	Total/NA	Solid	8015B NM	16225
880-9941-60	SW-25	Total/NA	Solid	8015B NM	16225
MB 880-16225/1-A	Method Blank	Total/NA	Solid	8015B NM	16225
LCS 880-16225/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16225
LCSD 880-16225/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16225
880-9941-41 MS	SW-6	Total/NA	Solid	8015B NM	16225
880-9941-41 MSD	SW-6	Total/NA	Solid	8015B NM	16225

Analysis Batch: 16415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-1	CS-1 (2')	Total/NA	Solid	8015 NM	
880-9941-2	CS-2 (2')	Total/NA	Solid	8015 NM	
880-9941-3	CS-3 (2')	Total/NA	Solid	8015 NM	
880-9941-4	CS-4 (2')	Total/NA	Solid	8015 NM	
880-9941-5	CS-5 (2')	Total/NA	Solid	8015 NM	
880-9941-6	CS-6 (3')	Total/NA	Solid	8015 NM	
880-9941-7	CS-7 (3')	Total/NA	Solid	8015 NM	
880-9941-8	CS-8 (2.5')	Total/NA	Solid	8015 NM	
880-9941-9	CS-9 (2.5')	Total/NA	Solid	8015 NM	
880-9941-10	CS-10 (2.5')	Total/NA	Solid	8015 NM	
880-9941-11	CS-11 (2.5')	Total/NA	Solid	8015 NM	
880-9941-12	CS-12 (2.5')	Total/NA	Solid	8015 NM	
880-9941-13	CS-13 (3')	Total/NA	Solid	8015 NM	
880-9941-14	CS-14 (3')	Total/NA	Solid	8015 NM	
880-9941-15	CS-15 (3')	Total/NA	Solid	8015 NM	
880-9941-16	CS-16 (3')	Total/NA	Solid	8015 NM	
880-9941-17	CS-17 (3')	Total/NA	Solid	8015 NM	
880-9941-18	CS-18 (3')	Total/NA	Solid	8015 NM	
880-9941-19	CS-19 (3')	Total/NA	Solid	8015 NM	
880-9941-20	CS-20 (3')	Total/NA	Solid	8015 NM	
880-9941-21	CS-21 (3')	Total/NA	Solid	8015 NM	
880-9941-22	CS-22 (3')	Total/NA	Solid	8015 NM	
880-9941-23	CS-23 (3')	Total/NA	Solid	8015 NM	
880-9941-24	CS-24 (3')	Total/NA	Solid	8015 NM	
880-9941-25	CS-25 (2.5')	Total/NA	Solid	8015 NM	
880-9941-26	CS-26 (2.5')	Total/NA	Solid	8015 NM	
880-9941-27	CS-27 (2.5')	Total/NA	Solid	8015 NM	
880-9941-28	CS-28 (3')	Total/NA	Solid	8015 NM	
880-9941-29	CS-29 (3')	Total/NA	Solid	8015 NM	
880-9941-30	CS-30 (3')	Total/NA	Solid	8015 NM	
880-9941-31	CS-31 (3')	Total/NA	Solid	8015 NM	
880-9941-32	CS-32 (3')	Total/NA	Solid	8015 NM	
880-9941-33	CS-33 (3')	Total/NA	Solid	8015 NM	
880-9941-34	CS-34 (3')	Total/NA	Solid	8015 NM	
880-9941-35	CS-35 (3')	Total/NA	Solid	8015 NM	
880-9941-36	SW-1	Total/NA	Solid	8015 NM	
880-9941-37	SW-2	Total/NA	Solid	8015 NM	
880-9941-38	SW-3	Total/NA	Solid	8015 NM	
880-9941-39	SW-4	Total/NA	Solid	8015 NM	
880-9941-40	SW-5	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

GC Semi VOA

Analysis Batch: 16554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-41	SW-6	Total/NA	Solid	8015 NM	
880-9941-42	SW-7	Total/NA	Solid	8015 NM	
880-9941-43	SW-8	Total/NA	Solid	8015 NM	
880-9941-44	SW-9	Total/NA	Solid	8015 NM	
880-9941-45	SW-10	Total/NA	Solid	8015 NM	
880-9941-46	SW-11	Total/NA	Solid	8015 NM	
880-9941-47	SW-12	Total/NA	Solid	8015 NM	
880-9941-48	SW-13	Total/NA	Solid	8015 NM	
880-9941-49	SW-14	Total/NA	Solid	8015 NM	
880-9941-50	SW-15	Total/NA	Solid	8015 NM	
880-9941-51	SW-16	Total/NA	Solid	8015 NM	
880-9941-52	SW-17	Total/NA	Solid	8015 NM	
880-9941-53	SW-18	Total/NA	Solid	8015 NM	
880-9941-54	SW-19	Total/NA	Solid	8015 NM	
880-9941-55	SW-20	Total/NA	Solid	8015 NM	
880-9941-56	SW-21	Total/NA	Solid	8015 NM	
880-9941-57	SW-22	Total/NA	Solid	8015 NM	
880-9941-58	SW-23	Total/NA	Solid	8015 NM	
880-9941-59	SW-24	Total/NA	Solid	8015 NM	
880-9941-60	SW-25	Total/NA	Solid	8015 NM	
880-9941-61	SW-26	Total/NA	Solid	8015 NM	
880-9941-62	SW-27	Total/NA	Solid	8015 NM	
880-9941-63	SW-28	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 16231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-61	SW-26	Soluble	Solid	DI Leach	
880-9941-62	SW-27	Soluble	Solid	DI Leach	
880-9941-63	SW-28	Soluble	Solid	DI Leach	
MB 880-16231/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16231/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16231/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9941-61 MS	SW-26	Soluble	Solid	DI Leach	
880-9941-61 MSD	SW-26	Soluble	Solid	DI Leach	

Leach Batch: 16233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-1	CS-1 (2')	Soluble	Solid	DI Leach	
880-9941-2	CS-2 (2')	Soluble	Solid	DI Leach	
880-9941-3	CS-3 (2')	Soluble	Solid	DI Leach	
880-9941-4	CS-4 (2')	Soluble	Solid	DI Leach	
880-9941-5	CS-5 (2')	Soluble	Solid	DI Leach	
880-9941-6	CS-6 (3')	Soluble	Solid	DI Leach	
880-9941-7	CS-7 (3')	Soluble	Solid	DI Leach	
880-9941-8	CS-8 (2.5')	Soluble	Solid	DI Leach	
880-9941-9	CS-9 (2.5')	Soluble	Solid	DI Leach	
880-9941-10	CS-10 (2.5')	Soluble	Solid	DI Leach	
880-9941-11	CS-11 (2.5')	Soluble	Solid	DI Leach	
880-9941-12	CS-12 (2.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 16233 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-13	CS-13 (3')	Soluble	Solid	DI Leach	
880-9941-14	CS-14 (3')	Soluble	Solid	DI Leach	
880-9941-15	CS-15 (3')	Soluble	Solid	DI Leach	
880-9941-16	CS-16 (3')	Soluble	Solid	DI Leach	
880-9941-17	CS-17 (3')	Soluble	Solid	DI Leach	
880-9941-18	CS-18 (3')	Soluble	Solid	DI Leach	
880-9941-19	CS-19 (3')	Soluble	Solid	DI Leach	
880-9941-20	CS-20 (3')	Soluble	Solid	DI Leach	
MB 880-16233/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16233/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16233/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9941-1 MS	CS-1 (2')	Soluble	Solid	DI Leach	
880-9941-1 MSD	CS-1 (2')	Soluble	Solid	DI Leach	
880-9941-11 MS	CS-11 (2.5')	Soluble	Solid	DI Leach	
880-9941-11 MSD	CS-11 (2.5')	Soluble	Solid	DI Leach	

Leach Batch: 16234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-21	CS-21 (3')	Soluble	Solid	DI Leach	
880-9941-22	CS-22 (3')	Soluble	Solid	DI Leach	
880-9941-23	CS-23 (3')	Soluble	Solid	DI Leach	
880-9941-24	CS-24 (3')	Soluble	Solid	DI Leach	
880-9941-25	CS-25 (2.5')	Soluble	Solid	DI Leach	
880-9941-26	CS-26 (2.5')	Soluble	Solid	DI Leach	
880-9941-27	CS-27 (2.5')	Soluble	Solid	DI Leach	
880-9941-28	CS-28 (3')	Soluble	Solid	DI Leach	
880-9941-29	CS-29 (3')	Soluble	Solid	DI Leach	
880-9941-30	CS-30 (3')	Soluble	Solid	DI Leach	
880-9941-31	CS-31 (3')	Soluble	Solid	DI Leach	
880-9941-32	CS-32 (3')	Soluble	Solid	DI Leach	
880-9941-33	CS-33 (3')	Soluble	Solid	DI Leach	
880-9941-34	CS-34 (3')	Soluble	Solid	DI Leach	
880-9941-35	CS-35 (3')	Soluble	Solid	DI Leach	
880-9941-36	SW-1	Soluble	Solid	DI Leach	
880-9941-37	SW-2	Soluble	Solid	DI Leach	
880-9941-38	SW-3	Soluble	Solid	DI Leach	
880-9941-39	SW-4	Soluble	Solid	DI Leach	
880-9941-40	SW-5	Soluble	Solid	DI Leach	
MB 880-16234/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16234/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16234/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9941-21 MS	CS-21 (3')	Soluble	Solid	DI Leach	
880-9941-21 MSD	CS-21 (3')	Soluble	Solid	DI Leach	
880-9941-31 MS	CS-31 (3')	Soluble	Solid	DI Leach	
880-9941-31 MSD	CS-31 (3')	Soluble	Solid	DI Leach	

Leach Batch: 16235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-41	SW-6	Soluble	Solid	DI Leach	
880-9941-42	SW-7	Soluble	Solid	DI Leach	
880-9941-43	SW-8	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 16235 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-44	SW-9	Soluble	Solid	DI Leach	
880-9941-45	SW-10	Soluble	Solid	DI Leach	
880-9941-46	SW-11	Soluble	Solid	DI Leach	
880-9941-47	SW-12	Soluble	Solid	DI Leach	
880-9941-48	SW-13	Soluble	Solid	DI Leach	
880-9941-49	SW-14	Soluble	Solid	DI Leach	
880-9941-50	SW-15	Soluble	Solid	DI Leach	
880-9941-51	SW-16	Soluble	Solid	DI Leach	
880-9941-52	SW-17	Soluble	Solid	DI Leach	
880-9941-53	SW-18	Soluble	Solid	DI Leach	
880-9941-54	SW-19	Soluble	Solid	DI Leach	
880-9941-55	SW-20	Soluble	Solid	DI Leach	
880-9941-56	SW-21	Soluble	Solid	DI Leach	
880-9941-57	SW-22	Soluble	Solid	DI Leach	
880-9941-58	SW-23	Soluble	Solid	DI Leach	
880-9941-59	SW-24	Soluble	Solid	DI Leach	
880-9941-60	SW-25	Soluble	Solid	DI Leach	
MB 880-16235/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16235/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16235/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9941-41 MS	SW-6	Soluble	Solid	DI Leach	
880-9941-41 MSD	SW-6	Soluble	Solid	DI Leach	
880-9941-51 MS	SW-16	Soluble	Solid	DI Leach	
880-9941-51 MSD	SW-16	Soluble	Solid	DI Leach	

Analysis Batch: 16330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-61	SW-26	Soluble	Solid	300.0	16231
880-9941-62	SW-27	Soluble	Solid	300.0	16231
880-9941-63	SW-28	Soluble	Solid	300.0	16231
MB 880-16231/1-A	Method Blank	Soluble	Solid	300.0	16231
LCS 880-16231/2-A	Lab Control Sample	Soluble	Solid	300.0	16231
LCSD 880-16231/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16231
880-9941-61 MS	SW-26	Soluble	Solid	300.0	16231
880-9941-61 MSD	SW-26	Soluble	Solid	300.0	16231

Analysis Batch: 16333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-41	SW-6	Soluble	Solid	300.0	16235
880-9941-42	SW-7	Soluble	Solid	300.0	16235
880-9941-43	SW-8	Soluble	Solid	300.0	16235
880-9941-44	SW-9	Soluble	Solid	300.0	16235
880-9941-45	SW-10	Soluble	Solid	300.0	16235
880-9941-46	SW-11	Soluble	Solid	300.0	16235
880-9941-47	SW-12	Soluble	Solid	300.0	16235
880-9941-48	SW-13	Soluble	Solid	300.0	16235
880-9941-49	SW-14	Soluble	Solid	300.0	16235
880-9941-50	SW-15	Soluble	Solid	300.0	16235
880-9941-51	SW-16	Soluble	Solid	300.0	16235
880-9941-52	SW-17	Soluble	Solid	300.0	16235
880-9941-53	SW-18	Soluble	Solid	300.0	16235

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 16333 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-54	SW-19	Soluble	Solid	300.0	16235
880-9941-55	SW-20	Soluble	Solid	300.0	16235
880-9941-56	SW-21	Soluble	Solid	300.0	16235
880-9941-57	SW-22	Soluble	Solid	300.0	16235
880-9941-58	SW-23	Soluble	Solid	300.0	16235
880-9941-59	SW-24	Soluble	Solid	300.0	16235
880-9941-60	SW-25	Soluble	Solid	300.0	16235
MB 880-16235/1-A	Method Blank	Soluble	Solid	300.0	16235
LCS 880-16235/2-A	Lab Control Sample	Soluble	Solid	300.0	16235
LCSD 880-16235/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16235
880-9941-41 MS	SW-6	Soluble	Solid	300.0	16235
880-9941-41 MSD	SW-6	Soluble	Solid	300.0	16235
880-9941-51 MS	SW-16	Soluble	Solid	300.0	16235
880-9941-51 MSD	SW-16	Soluble	Solid	300.0	16235

Analysis Batch: 16395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-1	CS-1 (2')	Soluble	Solid	300.0	16233
880-9941-2	CS-2 (2')	Soluble	Solid	300.0	16233
880-9941-3	CS-3 (2')	Soluble	Solid	300.0	16233
880-9941-4	CS-4 (2')	Soluble	Solid	300.0	16233
880-9941-5	CS-5 (2')	Soluble	Solid	300.0	16233
880-9941-6	CS-6 (3')	Soluble	Solid	300.0	16233
880-9941-7	CS-7 (3')	Soluble	Solid	300.0	16233
880-9941-8	CS-8 (2.5')	Soluble	Solid	300.0	16233
880-9941-9	CS-9 (2.5')	Soluble	Solid	300.0	16233
880-9941-10	CS-10 (2.5')	Soluble	Solid	300.0	16233
880-9941-11	CS-11 (2.5')	Soluble	Solid	300.0	16233
880-9941-12	CS-12 (2.5')	Soluble	Solid	300.0	16233
880-9941-13	CS-13 (3')	Soluble	Solid	300.0	16233
880-9941-14	CS-14 (3')	Soluble	Solid	300.0	16233
880-9941-15	CS-15 (3')	Soluble	Solid	300.0	16233
880-9941-16	CS-16 (3')	Soluble	Solid	300.0	16233
880-9941-17	CS-17 (3')	Soluble	Solid	300.0	16233
880-9941-18	CS-18 (3')	Soluble	Solid	300.0	16233
880-9941-19	CS-19 (3')	Soluble	Solid	300.0	16233
880-9941-20	CS-20 (3')	Soluble	Solid	300.0	16233
MB 880-16233/1-A	Method Blank	Soluble	Solid	300.0	16233
LCS 880-16233/2-A	Lab Control Sample	Soluble	Solid	300.0	16233
LCSD 880-16233/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16233
880-9941-1 MS	CS-1 (2')	Soluble	Solid	300.0	16233
880-9941-1 MSD	CS-1 (2')	Soluble	Solid	300.0	16233
880-9941-11 MS	CS-11 (2.5')	Soluble	Solid	300.0	16233
880-9941-11 MSD	CS-11 (2.5')	Soluble	Solid	300.0	16233

Analysis Batch: 16396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-21	CS-21 (3')	Soluble	Solid	300.0	16234
880-9941-22	CS-22 (3')	Soluble	Solid	300.0	16234
880-9941-23	CS-23 (3')	Soluble	Solid	300.0	16234
880-9941-24	CS-24 (3')	Soluble	Solid	300.0	16234

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 16396 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9941-25	CS-25 (2.5')	Soluble	Solid	300.0	16234
880-9941-26	CS-26 (2.5')	Soluble	Solid	300.0	16234
880-9941-27	CS-27 (2.5')	Soluble	Solid	300.0	16234
880-9941-28	CS-28 (3')	Soluble	Solid	300.0	16234
880-9941-29	CS-29 (3')	Soluble	Solid	300.0	16234
880-9941-30	CS-30 (3')	Soluble	Solid	300.0	16234
880-9941-31	CS-31 (3')	Soluble	Solid	300.0	16234
880-9941-32	CS-32 (3')	Soluble	Solid	300.0	16234
880-9941-33	CS-33 (3')	Soluble	Solid	300.0	16234
880-9941-34	CS-34 (3')	Soluble	Solid	300.0	16234
880-9941-35	CS-35 (3')	Soluble	Solid	300.0	16234
880-9941-36	SW-1	Soluble	Solid	300.0	16234
880-9941-37	SW-2	Soluble	Solid	300.0	16234
880-9941-38	SW-3	Soluble	Solid	300.0	16234
880-9941-39	SW-4	Soluble	Solid	300.0	16234
880-9941-40	SW-5	Soluble	Solid	300.0	16234
MB 880-16234/1-A	Method Blank	Soluble	Solid	300.0	16234
LCS 880-16234/2-A	Lab Control Sample	Soluble	Solid	300.0	16234
LCSD 880-16234/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16234
880-9941-21 MS	CS-21 (3')	Soluble	Solid	300.0	16234
880-9941-21 MSD	CS-21 (3')	Soluble	Solid	300.0	16234
880-9941-31 MS	CS-31 (3')	Soluble	Solid	300.0	16234
880-9941-31 MSD	CS-31 (3')	Soluble	Solid	300.0	16234

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (2')

Lab Sample ID: 880-9941-1

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 00:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 16:30	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/11/22 21:37	CH	XEN MID

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-9941-2

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 00:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 17:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/11/22 22:07	CH	XEN MID

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-9941-3

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 01:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 17:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/11/22 22:16	CH	XEN MID

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-9941-4

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 01:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-9941-4

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 18:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/11/22 22:26	CH	XEN MID

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-9941-5

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 01:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 18:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/11/22 22:36	CH	XEN MID

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-9941-6

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 02:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 18:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/11/22 23:06	CH	XEN MID

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-9941-7

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 02:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 19:14	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (3')

Date Collected: 01/06/22 00:00

Date Received: 01/07/22 08:40

Lab Sample ID: 880-9941-7

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			5.04 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/11/22 23:15	CH	XEN MID

Client Sample ID: CS-8 (2.5')

Date Collected: 01/06/22 00:00

Date Received: 01/07/22 08:40

Lab Sample ID: 880-9941-8

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	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 02:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 19:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/11/22 23:25	CH	XEN MID

Client Sample ID: CS-9 (2.5')

Date Collected: 01/06/22 00:00

Date Received: 01/07/22 08:40

Lab Sample ID: 880-9941-9

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	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 03:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 19:55	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/11/22 23:35	CH	XEN MID

Client Sample ID: CS-10 (2.5')

Date Collected: 01/06/22 00:00

Date Received: 01/07/22 08:40

Lab Sample ID: 880-9941-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 03:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 20:16	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/11/22 23:45	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-11 (2.5')

Lab Sample ID: 880-9941-11

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 04:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 20:57	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/11/22 23:55	CH	XEN MID

Client Sample ID: CS-12 (2.5')

Lab Sample ID: 880-9941-12

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 05:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 21:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/12/22 00:24	CH	XEN MID

Client Sample ID: CS-13 (3')

Lab Sample ID: 880-9941-13

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 05:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 21:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/12/22 00:34	CH	XEN MID

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-9941-14

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 05:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-9941-14

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 22:00	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/12/22 08:53	CH	XEN MID

Client Sample ID: CS-15 (3')

Lab Sample ID: 880-9941-15

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 06:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 22:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/12/22 09:03	CH	XEN MID

Client Sample ID: CS-16 (3')

Lab Sample ID: 880-9941-16

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 06:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 22:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/12/22 09:13	CH	XEN MID

Client Sample ID: CS-17 (3')

Lab Sample ID: 880-9941-17

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 06:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 23:02	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-17 (3')

Date Collected: 01/06/22 00:00

Date Received: 01/07/22 08:40

Lab Sample ID: 880-9941-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/12/22 09:23	CH	XEN MID

Client Sample ID: CS-18 (3')

Date Collected: 01/06/22 00:00

Date Received: 01/07/22 08:40

Lab Sample ID: 880-9941-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 07:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 23:23	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/12/22 09:33	CH	XEN MID

Client Sample ID: CS-19 (3')

Date Collected: 01/06/22 00:00

Date Received: 01/07/22 08:40

Lab Sample ID: 880-9941-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 07:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/07/22 23:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/12/22 09:42	CH	XEN MID

Client Sample ID: CS-20 (3')

Date Collected: 01/06/22 00:00

Date Received: 01/07/22 08:40

Lab Sample ID: 880-9941-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16221	01/07/22 09:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16203	01/08/22 07:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16223	01/07/22 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 00:05	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	16233	01/07/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			16395	01/12/22 09:52	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-21 (3')

Lab Sample ID: 880-9941-21

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 11:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 01:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 14:52	CH	XEN MID

Client Sample ID: CS-22 (3')

Lab Sample ID: 880-9941-22

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 11:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 02:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 15:28	CH	XEN MID

Client Sample ID: CS-23 (3')

Lab Sample ID: 880-9941-23

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 11:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 03:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 15:40	CH	XEN MID

Client Sample ID: CS-24 (3')

Lab Sample ID: 880-9941-24

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 12:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-24 (3')

Lab Sample ID: 880-9941-24

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 03:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 15:52	CH	XEN MID

Client Sample ID: CS-25 (2.5')

Lab Sample ID: 880-9941-25

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 12:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 03:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 16:03	CH	XEN MID

Client Sample ID: CS-26 (2.5')

Lab Sample ID: 880-9941-26

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 12:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 04:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 16:39	CH	XEN MID

Client Sample ID: CS-27 (2.5')

Lab Sample ID: 880-9941-27

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 13:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 04:37	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-27 (2.5')

Lab Sample ID: 880-9941-27

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 16:51	CH	XEN MID

Client Sample ID: CS-28 (3')

Lab Sample ID: 880-9941-28

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 13:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 04:58	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 17:03	CH	XEN MID

Client Sample ID: CS-29 (3')

Lab Sample ID: 880-9941-29

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 13:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 05:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 17:29	CH	XEN MID

Client Sample ID: CS-30 (3')

Lab Sample ID: 880-9941-30

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 14:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 05:39	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 17:41	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-31 (3')

Lab Sample ID: 880-9941-31

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 15:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 06:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 17:53	CH	XEN MID

Client Sample ID: CS-32 (3')

Lab Sample ID: 880-9941-32

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 15:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 06:42	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 18:28	CH	XEN MID

Client Sample ID: CS-33 (3')

Lab Sample ID: 880-9941-33

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 16:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 07:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 18:40	CH	XEN MID

Client Sample ID: CS-34 (3')

Lab Sample ID: 880-9941-34

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 16:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: CS-34 (3')

Lab Sample ID: 880-9941-34

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 07:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 19:16	CH	XEN MID

Client Sample ID: CS-35 (3')

Lab Sample ID: 880-9941-35

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 16:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 07:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 19:28	CH	XEN MID

Client Sample ID: SW-1

Lab Sample ID: 880-9941-36

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 17:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 08:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 19:39	CH	XEN MID

Client Sample ID: SW-2

Lab Sample ID: 880-9941-37

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 17:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 08:27	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-2

Lab Sample ID: 880-9941-37

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 19:51	CH	XEN MID

Client Sample ID: SW-3

Lab Sample ID: 880-9941-38

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 17:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 08:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 20:03	CH	XEN MID

Client Sample ID: SW-4

Lab Sample ID: 880-9941-39

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 18:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 09:10	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 20:15	CH	XEN MID

Client Sample ID: SW-5

Lab Sample ID: 880-9941-40

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16220	01/07/22 09:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 18:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16415	01/10/22 10:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16224	01/07/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16229	01/08/22 09:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16234	01/07/22 10:20	CH	XEN MID
Soluble	Analysis	300.0		1			16396	01/11/22 20:27	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-6

Lab Sample ID: 880-9941-41

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 11:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 12:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 19:29	CH	XEN MID

Client Sample ID: SW-7

Lab Sample ID: 880-9941-42

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 12:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 13:42	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 19:54	CH	XEN MID

Client Sample ID: SW-8

Lab Sample ID: 880-9941-43

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 12:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 14:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 20:02	CH	XEN MID

Client Sample ID: SW-9

Lab Sample ID: 880-9941-44

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 13:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-9

Lab Sample ID: 880-9941-44

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 14:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 21:09	CH	XEN MID

Client Sample ID: SW-10

Lab Sample ID: 880-9941-45

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 13:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 14:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 20:10	CH	XEN MID

Client Sample ID: SW-11

Lab Sample ID: 880-9941-46

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 14:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 15:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 20:19	CH	XEN MID

Client Sample ID: SW-12

Lab Sample ID: 880-9941-47

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 14:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 15:25	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-12

Lab Sample ID: 880-9941-47

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 20:44	CH	XEN MID

Client Sample ID: SW-13

Lab Sample ID: 880-9941-48

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 14:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 15:46	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 20:52	CH	XEN MID

Client Sample ID: SW-14

Lab Sample ID: 880-9941-49

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 15:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 16:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 21:01	CH	XEN MID

Client Sample ID: SW-15

Lab Sample ID: 880-9941-50

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 15:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 16:27	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 21:17	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-16

Lab Sample ID: 880-9941-51

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 17:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 17:08	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 21:26	CH	XEN MID

Client Sample ID: SW-17

Lab Sample ID: 880-9941-52

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 18:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 17:28	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 21:51	CH	XEN MID

Client Sample ID: SW-18

Lab Sample ID: 880-9941-53

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 18:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 17:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 21:59	CH	XEN MID

Client Sample ID: SW-19

Lab Sample ID: 880-9941-54

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 19:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-19

Lab Sample ID: 880-9941-54

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

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			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 18:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 22:24	CH	XEN MID

Client Sample ID: SW-20

Lab Sample ID: 880-9941-55

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 19:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 18:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 22:32	CH	XEN MID

Client Sample ID: SW-21

Lab Sample ID: 880-9941-56

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 20:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 18:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 22:41	CH	XEN MID

Client Sample ID: SW-22

Lab Sample ID: 880-9941-57

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 20:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 19:11	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-22

Lab Sample ID: 880-9941-57

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 22:49	CH	XEN MID

Client Sample ID: SW-23

Lab Sample ID: 880-9941-58

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 20:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 19:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 22:57	CH	XEN MID

Client Sample ID: SW-24

Lab Sample ID: 880-9941-59

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 21:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 19:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 23:06	CH	XEN MID

Client Sample ID: SW-25

Lab Sample ID: 880-9941-60

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16222	01/07/22 09:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16343	01/10/22 21:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16515	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16225	01/07/22 09:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16329	01/08/22 20:12	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	16235	01/07/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			16333	01/10/22 23:14	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Client Sample ID: SW-26

Lab Sample ID: 880-9941-61

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16240	01/07/22 11:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 20:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16210	01/07/22 08:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16215	01/07/22 12:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16231	01/07/22 10:10	CH	XEN MID
Soluble	Analysis	300.0		1			16330	01/07/22 19:01	CH	XEN MID

Client Sample ID: SW-27

Lab Sample ID: 880-9941-62

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16240	01/07/22 11:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 21:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16210	01/07/22 08:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16215	01/07/22 13:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16231	01/07/22 10:10	CH	XEN MID
Soluble	Analysis	300.0		1			16330	01/07/22 19:26	CH	XEN MID

Client Sample ID: SW-28

Lab Sample ID: 880-9941-63

Date Collected: 01/06/22 00:00

Matrix: Solid

Date Received: 01/07/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16240	01/07/22 11:54	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 21:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16212	01/07/22 08:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16217	01/07/22 12:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16231	01/07/22 10:10	CH	XEN MID
Soluble	Analysis	300.0		1			16330	01/07/22 19:35	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: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
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
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: Cobalt Riser

Job ID: 880-9941-1
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: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-9941-1	CS-1 (2')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-2	CS-2 (2')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-3	CS-3 (2')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-4	CS-4 (2')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-5	CS-5 (2')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-6	CS-6 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-7	CS-7 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-8	CS-8 (2.5')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-9	CS-9 (2.5')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-10	CS-10 (2.5')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-11	CS-11 (2.5')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-12	CS-12 (2.5')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-13	CS-13 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-14	CS-14 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-15	CS-15 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-16	CS-16 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-17	CS-17 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-18	CS-18 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-19	CS-19 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-20	CS-20 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-21	CS-21 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-22	CS-22 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-23	CS-23 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-24	CS-24 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-25	CS-25 (2.5')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-26	CS-26 (2.5')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-27	CS-27 (2.5')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-28	CS-28 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-29	CS-29 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-30	CS-30 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-31	CS-31 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-32	CS-32 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-33	CS-33 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-34	CS-34 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-35	CS-35 (3')	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-36	SW-1	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-37	SW-2	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-38	SW-3	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-39	SW-4	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-40	SW-5	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-41	SW-6	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-42	SW-7	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-43	SW-8	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-44	SW-9	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-45	SW-10	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-46	SW-11	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-47	SW-12	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-48	SW-13	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-49	SW-14	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-50	SW-15	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-51	SW-16	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-52	SW-17	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-53	SW-18	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-54	SW-19	Solid	01/06/22 00:00	01/07/22 08:40

Sample Summary

Client: NT Global
Project/Site: Cobalt Riser

Job ID: 880-9941-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-9941-55	SW-20	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-56	SW-21	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-57	SW-22	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-58	SW-23	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-59	SW-24	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-60	SW-25	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-61	SW-26	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-62	SW-27	Solid	01/06/22 00:00	01/07/22 08:40
880-9941-63	SW-28	Solid	01/06/22 00:00	01/07/22 08:40



Chain of Custody



880-9941 Chain of Custody

Page 1 of 7

Project Manager:	Mike Carmona	Bill to: (if different)	Todd Wells
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP	Midland, Tx 79706
Phone:	432-813-0263	Email:	Todd Wells@eogresources.com / 432-312-7736

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:	Cobalt Riser	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes											
Project Number:	214894																	None NO DI Water H ₂ O											
Project Location:	Lea Co, NM	Due Date	72 Hours															Cool Cool MeOH Me											
Sampler's Name:	AT	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:																NaHSO ₄ NABIS											
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:																Na ₂ S ₂ O ₃ NaSO ₃											
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:																Zn Acetate+NaOH Zn											
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid SAPC											

Sample Identification						Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments				
CS-1 (2)						1/6/2022		X		C	1	X	X	X												
CS-2 (2)						1/6/2022		X		C	1	X	X	X												
CS-3 (2)						1/6/2022		X		C	1	X	X	X												
CS-4 (2)						1/6/2022		X		C	1	X	X	X												
CS-5 (2)						1/6/2022		X		C	1	X	X	X												
CS-6 (3)						1/6/2022		X		C	1	X	X	X												
CS-7 (3)						1/6/2022		X		C	1	X	X	X												
CS-8 (2 5)						1/6/2022		X		C	1	X	X	X												
CS-9 (2 5)						1/6/2022		X		C	1	X	X	X												
CS-10 (2 5)						1/6/2022		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
1/6/2022	8/20/2022	17-22 0840			
3					
5					



Chain of Custody

Work Order No: 9941

Page 2 of 7

Project Manager	Mike Carmona	Bill to: (if different)	Todd Wells
Company Name:	NTG Environmental	Company Name	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP	Midland Tx 79706
Phone	432-813-0263	Email:	Todd Wells@eogresources.com / 432-312-7736

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

Project Name	Cobalt Riser	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	214894	☐ Routine	☒ Rush														None NO	DI Water H ₂ O
Project Location	Lea Co, NM	Due Date	72 Hours														Cool Cool	MeOH Me
Sampler's Name	AT	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 ☐	Well Ice	Yes ☒ No ☐													H ₃ PO ₄ HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID															NaHSO ₄ NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading															Zn Acetate+NaOH Zn	
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grav/ Comp	# of Cont	TPH												Sample Comments
CS-11 (2.5)	1/6/2022		X		C	1	X	X	X										
CS-12 (2.5)	1/6/2022		X		C	1	X	X	X										
CS-13 (3)	1/6/2022		X		C	1	X	X	X										
CS-14 (3)	1/6/2022		X		C	1	X	X	X										
CS-15 (3)	1/6/2022		X		C	1	X	X	X										
CS-16 (3)	1/6/2022		X		C	1	X	X	X										
CS-17 (3)	1/6/2022		X		C	1	X	X	X										
CS-18 (3)	1/6/2022		X		C	1	X	X	X										
CS-19 (3)	1/6/2022		X		C	1	X	X	X										
CS-20 (3)	1/6/2022		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>[Signature]</i>	<i>[Signature]</i>	1-7-22 0840			



Chain of Custody

Work Order No: 9941

Page 3 of 7

Project Manager	Mike Carmona	Bill to (if different)	Todd Wells
Company Name	NTG Environmental	Company Name	EOG Resources
Address	701 Tradewinds BLVD	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP	Midland, Tx 79706
Phone:	432-813-0263	Email	Todd Wells@eogresources.com / 432-312-7736

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][illegible]

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		1-7-22 O846	2		
3			4		
5			6		



Chain of Custody

Work Order No: 9941

Page 4 of 7

Project Manager	Mike Camrona	Bill to: (if different)	Todd Wells
Company Name	NTG Environmental	Company Name	EOG Resources
Address	701 Tradewinds Blvd	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP	Midland, TX 79706
Phone	432-813-0263	Email	Todd Wells@eogresources.com / 432-312-7736

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	Cobalt Riser	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes												
Project Number	214894																	None NO DI Water H ₂ O												
Project Location	Lea Co. NM	Due Date	72 Hours															Cool Cool MeOH Me												
Sampler's Name	AT	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 ☐	Thermometer ID	F123												H ₃ PO ₄ HP											
Received Intact	Yes ☒ No ☐	Correction Factor	-1.0																NaHSO ₄ NABIS											
Cooler Custody Seals	Yes ☒ No ☐	Temperature Reading	-1.1																Na ₂ S ₂ O ₃ NaSO ₃											
Sample Custody Seals	Yes ☒ No ☐	Corrected Temperature	-1.2																Zn Acetate-NaOH Zn											
Total Containers																		NaOH+Ascorbic Acid SAPC												

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	THP												Sample Comments
CS-31 (3)	1/6/2022		X		C	1	X	X	X										
CS-32 (3)	1/6/2022		X		C	1	X	X	X										
CS-33 (3)	1/6/2022		X		C	1	X	X	X										
CS-34 (3)	1/6/2022		X		C	1	X	X	X										
CS-35 (3)	1/6/2022		X		C	1	X	X	X										
SW-1	1/6/2022		X		C	1	X	X	X										
SW-2	1/6/2022		X		C	1	X	X	X										
SW-3	1/6/2022		X		C	1	X	X	X										
SW-4	1/6/2022		X		C	1	X	X	X										
SW-5	1/6/2022		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
1 <i>[Signature]</i>	2 <i>[Signature]</i>	1-7-22 4840	3 <i>[Signature]</i>	4 <i>[Signature]</i>	
5			6		



Chain of Custody

Work Order No: 9941

Page 5 of 7

Project Manager	Mike Carrona	Bill to (if different)	Todd Wells
Company Name	NTG Environmental	Company Name	EOG Resources
Address	701 Tradewinds Blvd	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP	Midland TX 79706
Phone	432-813-0263	Email	Todd Wells@eogresources.com / 432-312-7736

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

Project Name		Cobalt Riser		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number	214894	☐ Routine	☒ Rush	Due Date	72 Hours		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	AT														HCL HC	HNO ₃ HN		
PO #:															H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT		Temp Blank	Yes (No)	Wet Ice	(es) No											H ₃ PO ₄ HP		
Received Intact	(es) No	Thermometer ID	-128											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	-1.1											Zn Acetate+NaOH Zn				
Total Containers		Corrected Temperature:	-1.2											NaOH+Ascorbic Acid SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont								Sample Comments			
SW-6	1/6/2022		X			C	1	X	X	X								
SW-7	1/6/2022		X			C	1	X	X	X								
SW-8	1/6/2022		X			C	1	X	X	X								
SW-9	1/6/2022		X			C	1	X	X	X								
SW-10	1/6/2022		X			C	1	X	X	X								
SW-11	1/6/2022		X			C	1	X	X	X								
SW-12	1/6/2022		X			C	1	X	X	X								
SW-13	1/6/2022		X			C	1	X	X	X								
SW-14	1/6/2022		X			C	1	X	X	X								
SW-15	1/6/2022		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
1 <i>[Signature]</i>	2 <i>[Signature]</i>	1-7-22 6840	3	4	
5			6		



Chain of Custody

Work Order No: 9941

Page 6 of 7

Project Manager	Mike Carrona	Bill to (if different)	Todd Wells
Company Name	NTG Environmental	Company Name	EOG Resources
Address	701 Tradewinds Blvd	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP	Midland, TX 79706
Phone	432-813-0263	Email	Todd_Wells@eogresources.com / 432-312-7736

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Unperfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name.		Cobalt Riser		Turn Around		ANALYSIS REQUEST												Preservative Codes			
Project Number	214894		☐ Routine	☒ Rush												None NO	DI Water H ₂ O				
Project Location	Lea Co, NM		Due Date	72 Hours												Cool Cool	MeOH Me				
Sampler's Name	AT		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 ☐									HOLD				
Received Intact:					Yes ☒ No ☐	Thermometer ID	7128										NaHSO ₄ NABIS				
Cooler Custody Seals:					Yes ☐ No ☒ N/A	Correction Factor	1.10										Na ₂ S ₂ O ₃ NaSO ₃				
Sample Custody Seals:					Yes ☐ No ☒ N/A	Temperature Reading	-1.1										Zn Acetate+NaOH Zn				
Total Containers:						Corrected Temperature.	-1.2										NaOH+Ascorbic Acid SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
SW-16		1/6/2022		X		C	1	X	X	X											
SW-17		1/6/2022		X		C	1	X	X	X											
SW-18		1/6/2022		X		C	1	X	X	X											
SW-19		1/6/2022		X		C	1	X	X	X											
SW-20		1/6/2022		X		C	1	X	X	X											
SW-21		1/6/2022		X		C	1	X	X	X											
SW-22		1/6/2022		X		C	1	X	X	X											
SW-23		1/6/2022		X		C	1	X	X	X											
SW-24		1/6/2022		X		C	1	X	X	X											
SW-25		1/6/2022		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
		1-7-22 0840			



Chain of Custody

Work Order No: 9991

Page 1 of 7

Project Manager	Mike Carmona	Bill to: (if different)	Todd Wells
Company Name	NTG Environmental	Company Name	EOG Resources
Address	701 Tradewinds BLVD	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP	Midland, Tx 79706
Phone	432-813-0263	Email	Todd Wells@eogresources.com / 432-312-7736

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

Project Name.		Cobalt Riser		Turn Around				Pres. Code		ANALYSIS REQUEST		Preservative Codes	
Project Number		214894		☐ Routine ☒ Rush								None NO DI Water H ₂ O	
Project Location		Lea Co. NM		Due Date		72 Hours						Cool Cool MeOH Me	
Sampler's Name		AT		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:				IDB				NaHSO ₄ NABIS	
Cooler Custody Seals.		Yes No		Correction Factor				.10				Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals.		Yes No NA		Temperature Reading				-1.1				Zn Acetate+NaOH Zn	
Total Containers:				Corrected Temperature:				-1.2				NaOH+Ascorbic Acid SAPC	
Parameters													
BTEx 8021B													
8015M (GRO + DRO + MRO)													
Chloride 300 0													
HOLD													

[illegible]

Additoinal Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		1-7-12 0840			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-9941-1

SDG Number: Lea Co, NM

Login Number: 9941

List Number: 1

Creator: Rodriguez, Leticia

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.	N/A	No time on COC, logged in per container labels.
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 73869

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 73869
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	2/8/2022