

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Martha AIK Fed #13H
Eddy County, New Mexico
Unit H Sec 11 T22S R31E
Incident #: NAPP2133638083
32.408821°, -103.741824°

Produced Water Release
Point of Release: Pinhole in Surface Steel Line
Release Date: 11/22/2021
Volume Released: 50 barrels of Produced Water
Volume Recovered: 5 barrels of Produced Water

CARMONA RESOURCES



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

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

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

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May 19, 2022

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

**Re: Closure Report
Martha AIK Federal #13H
EOG Resources, Inc
Site Location: Unit H, S11, T22S, R31E
(Lat 32.408821°, Long -103.741824°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of EOG Resources Inc. (EOG), Carmona Resource, LLC has prepared this letter to document site assessment activities for Martha AIK Federal #13H. The site is located at 32.408821, -103.741824 within Unit H, S11, T22S, R31E, and approximately 22.71 miles Northeast of Loving, New Mexico, in Eddy County (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on November 22, 2021, caused by a pinhole leak in a surface steel line. It resulted in the release of approximately fifty (50) barrels of produced water, and five (5) barrels of produced water were recovered. The impacted area measured approximately 490' x 70', as shown on Figure 3. The initial C-141 form is attached in Appendix C.

On March 22, 2022, the OCD approved the remediation plan with a variance to collect composite confirmation sidewall and bottom hole samples every 400 square feet.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.19 miles Southeast of the site in S7, T22S, R32E and was drilled in 2018. The well has a reported depth to groundwater of 55' feet below ground surface (ft bgs). The second closest identified well is located approximately 1.22 miles Southeast of the site in S7, T22S, R32E and was drilled in 2018. The well has a reported depth to groundwater of 49' feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix D.

On March 2, 2022, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 105 ft below ground surface and within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 105' below the surface. The coordinates

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for the groundwater determination bore are 32.4038688°, -103.7457492. See Appendix D for the driller's log.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO)
- Chloride: 20,000 mg/kg

4.0 Site Assessment Activities

Initial Assessment

On December 2, 2021, a third-party consultant was on-site to define the release horizontally and vertically. Before the initial sampling event, the top 2.0' of the impacted area was removed during emergency response activities. A total of five (5) soil sample points (S-1 through S-5) and six (6) horizontal sample points (H-1 through H-6) were installed to total depths ranging from surface to 4.0 - 4.5 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F. The results of the sampling are summarized in Table 1. The sample locations are shown on Figure 3.

Referring to Table 1, the areas of (S-1, S-2, S-3, S-4, and S-5) had chloride concentration values ranging from 15.9 mg/kg to 28,000 mg/kg and TPH concentration values ranging from below 49.8 mg/kg to 11,100 mg/kg at a depth from the surface to 2.5' below the surface.

Trenches

On December 14, 2021, a third-party consultant was on-site to define the release vertically. A total of five (5) trenches (Trench-1 through Trench-5) were installed to total depths ranging from surface to 11 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F. The sampling results are summarized in Table 1. The sample locations are shown on Figure 3.

All areas were vertically delineated. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were onsite from April 4, 2022, through April 27, 2022, to supervise the remediation activities, collect confirmation samples, and document re-seeding activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on April 6, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-1/T-1 was excavated to a depth of 7', the areas of S-2/T-2 and S-4/T-4 were excavated to a depth of 4.5'. The area of S-3/T-3 was excavated to a depth of 9.5, and the area of S-5/T-5 was excavated to a depth of 11' to remove all impacted soils. A



total of twenty-seven (27) confirmation samples were collected (CS-1 through CS-27), and thirty-four (34) sidewall samples (SW-1 through SW-34) were collected every 400 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 and method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F. The sampling results are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the respective reclamation and RRALs requirements for TPH, BTEX, and chloride. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The reclaimed pasture area contained appropriate material to establish vegetation at the site. Approximately 3,188 cubic yards of material were excavated and transported offsite for proper disposal.

The backfilled pasture area was seeded on April 27, 2022, to coincide with revegetation aid. Based on the soils at the site, the BLM Seed Mixture No.2 was used and planted in the amount specified in the pounds pure live seed (PLS) per acre. See Appendix E.

Site inspections will be performed to evaluate the revegetation progress and assess the site for the presence of primary or secondary noxious weeds. An eradication method will be implemented if any noxious weeds are present.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

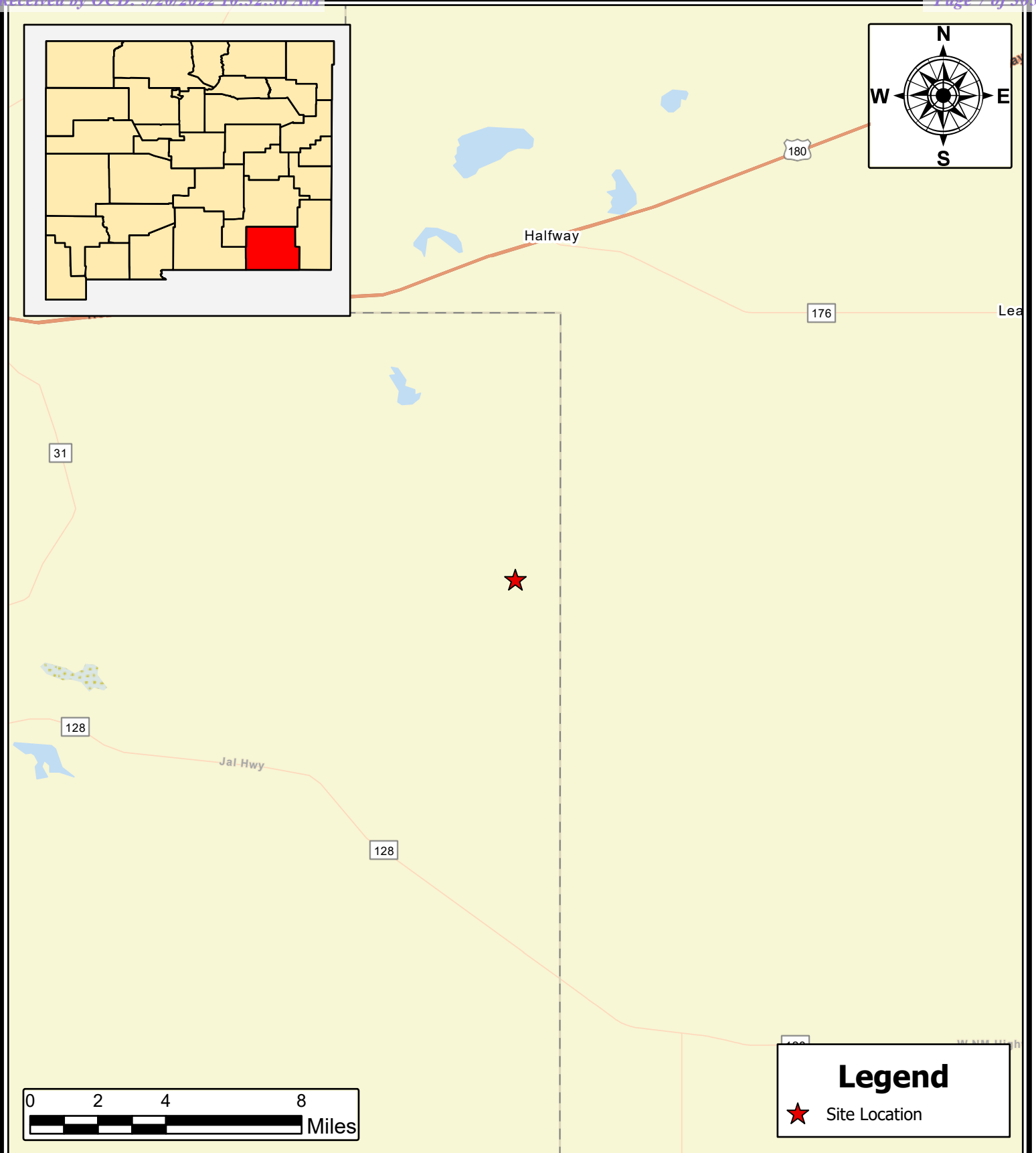
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES





OVERVIEW MAP
EOG RESOURCES
MARTHA AIK FEDERAL #13H
EDDY COUNTY, NEW MEXICO
32.408821 -103.741824

SCALE: As Shown

Date: 4/28/2022



Carmona Resources
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NOTES:

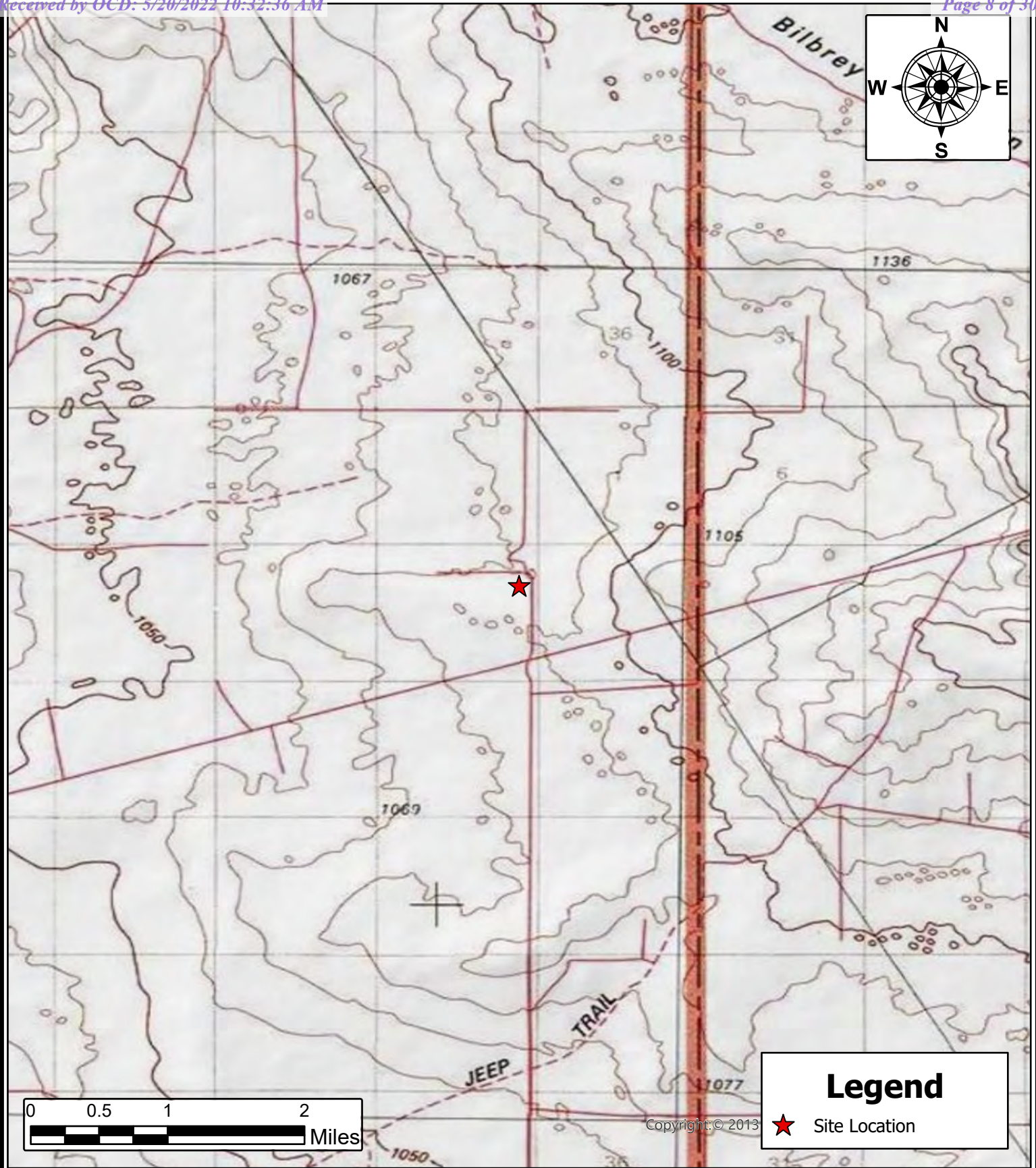
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

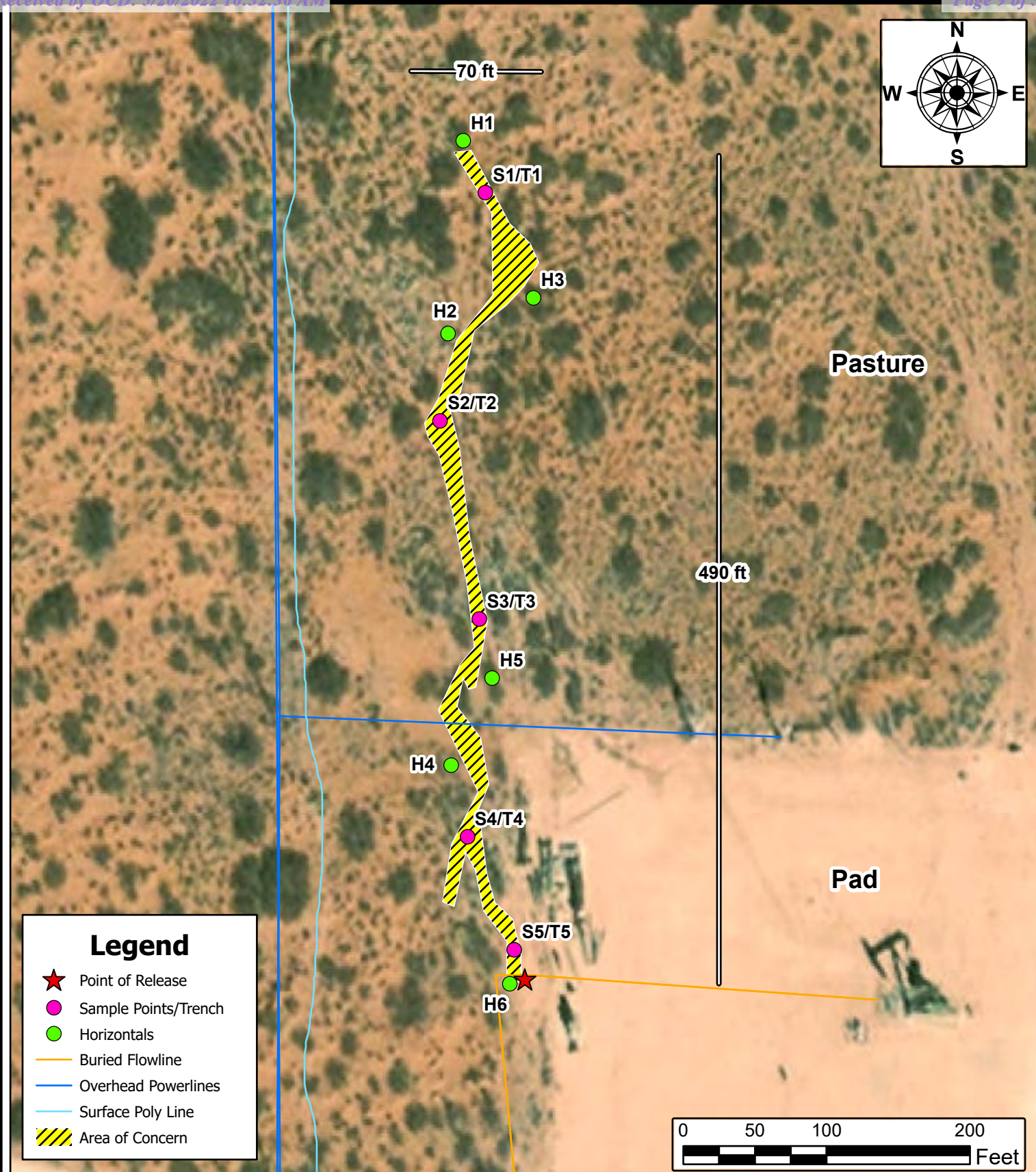


TOPOGRAPHIC MAP EOG RESOURCES MARTHA AIK FEDERAL #13H EDDY COUNTY, NEW MEXICO 32.408821 -103.741824	
SCALE: As Shown	Date: 4/28/2022

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

DRAWING NUMBER: FIGURE 2
SHEET NUMBER: 1 of 1



SAMPLE LOCATION MAP
EOG RESOURCES
 MARTHA AIK FEDERAL #13H
 EDDY COUNTY, NEW MEXICO
 32.408821 -103.741824

SCALE: As Shown

Date: 4/28/2022



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NOTES:

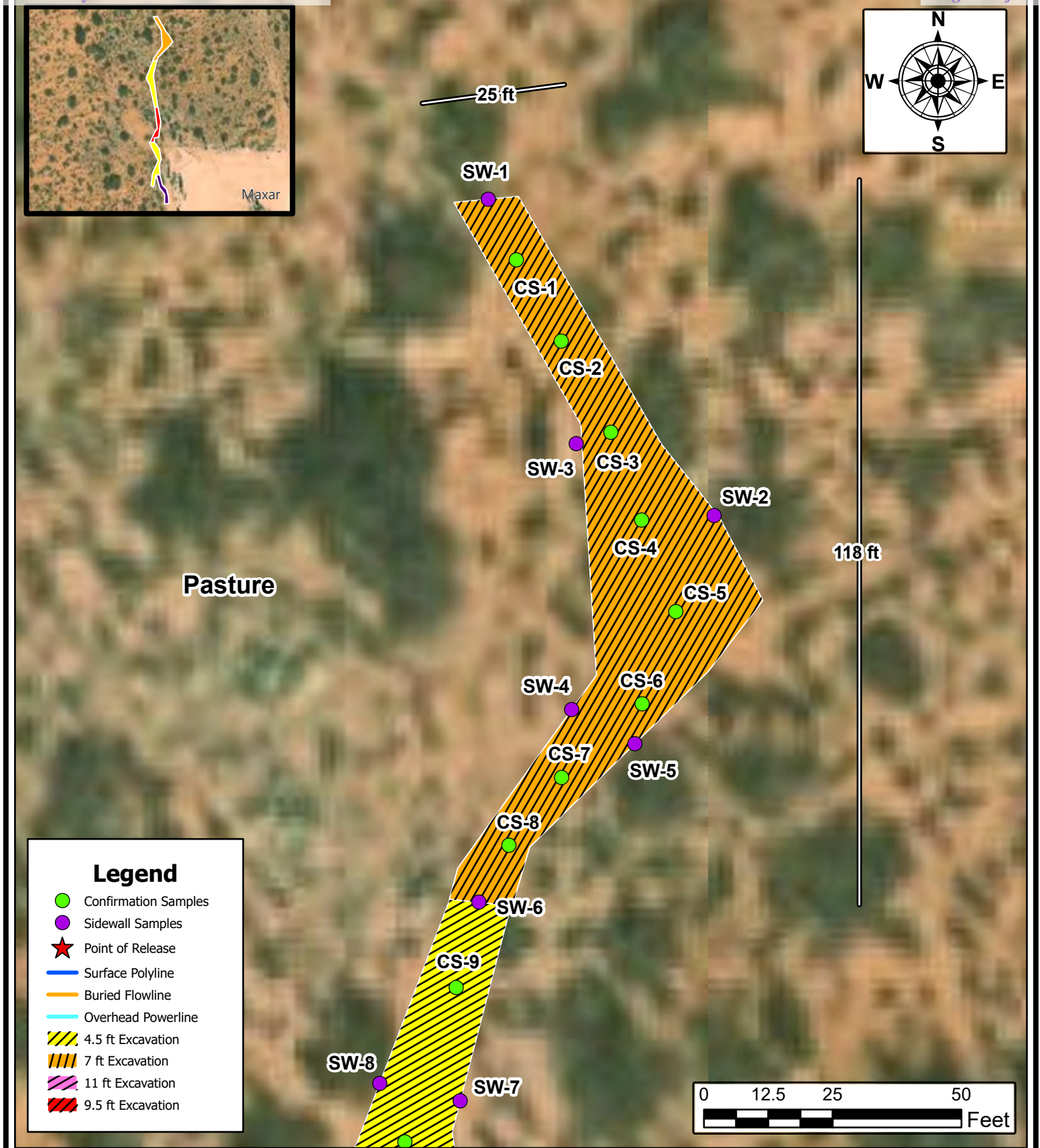
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2. Map Projection: NAD 1983 UTM Zone 13N

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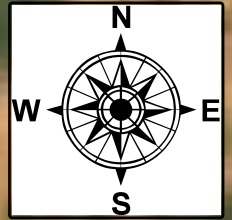
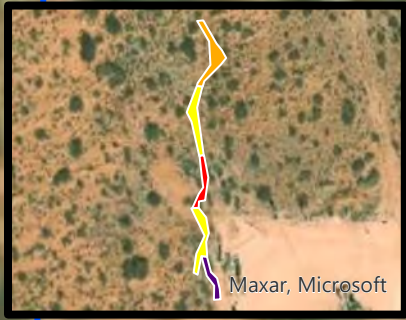
FIGURE 3

SHEET NUMBER:

1 of 1



EXCAVATION DEPTH MAP EOG RESOURCES MARTHA AIK FEDERAL #13H EDDY COUNTY, NEW MEXICO 32.408821 -103.741824	Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701	NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N	DRAWING NUMBER: FIGURE 4
SCALE: As Shown	Date: 4/28/2022		SHEET NUMBER: 1 of 3



Pasture

Legend

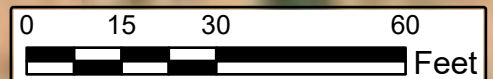
- Confirmation Samples
- Sidewall Samples
- ★ Point of Release
- Surface Polyline
- Buried Flowline
- Overhead Powerline
- 4.5 ft Excavation
- 7 ft Excavation
- 9.5 ft Excavation

92 ft

15 ft

118 ft

20 ft



EXCAVATION DEPTH MAP EOG RESOURCES

MARTHA AIK FEDERAL #13H
EDDY COUNTY, NEW MEXICO
32.408821 -103.741824

SCALE: As Shown

Date: 4/28/2022



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NOTES:

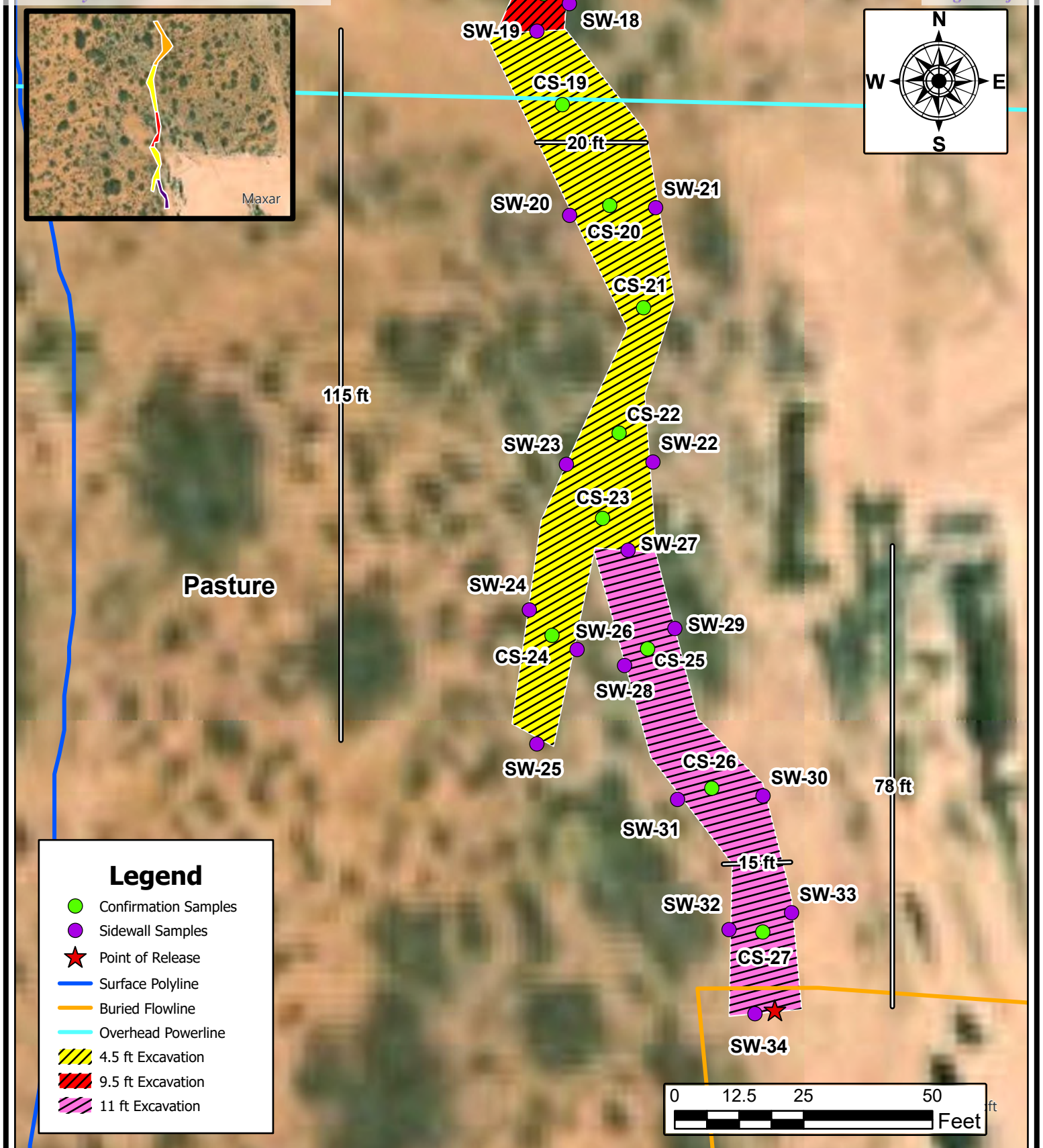
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

2 of 3



EXCAVATION DEPTH MAP
EOG RESOURCES
 MARTHA AIK FEDERAL #13H
 EDDY COUNTY, NEW MEXICO
 32.408821 -103.741824

SCALE: As Shown

Date: 4/28/2022



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NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

3 of 3

APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Martha AIK Fed #13H
Eddy County, New Mexico

Sample ID	Date	Current Excavation Depth	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	12/2/2021	2	0-1	312	1,820	<49.9	2,130	0.0329	0.0275	0.336	0.954	1.26	813
	"	"	1-1.5	<50.0	152	<50.0	152	<0.00199	0.0559	<0.00199	<0.00398	0.0559	90.4
	"	"	2-2.5	<50.0	71.5	<50.0	71.5	<0.00199	<0.00199	<0.00398	<0.00398	<0.00398	51.0
	"	"	3-3.5	<49.8	110	<49.8	110	<0.00199	<0.00199	0.00304	0.0115	0.0146	15.9
	"	"	4-4.5	<50.0	191	<50.0	191	0.00917	0.0201	0.0128	0.114	0.156	25.0
T-1	12/14/2021	2	0-1	178	7,030	<50.0	7,210	<0.00201	<0.00201	0.0274	0.123	0.15	2,360
	"	"	1	106	4,510	<49.9	4,620	0.0344	0.0238	0.0200	0.0188	0.097	1,370
	"	"	2	<50.0	1,570	<50.0	1,570	0.00264	<0.00202	0.00213	0.0161	0.0209	835
	"	"	3	<50.0	1,480	<50.0	1,480	<0.00199	0.00734	0.00464	0.00854	0.0205	728
	"	"	4	<50.0	1,750	<50.0	1,750	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	825
	"	"	5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	16.0
S-2	12/2/2021	2	0-1	2,950	8,140	<250	11,100	0.0108	<0.00202	0.0036	0.168	0.183	6,580
	"	"	1-1.5	<49.9	125	<49.9	125	<0.00200	0.0512	0.0817	0.32	0.453	11,100
	"	"	2-2.5	52.8	411	<49.8	464	<0.00198	0.0459	0.112	0.449	0.607	18,500
	"	"	3-3.5	<50.0	<50.0	<50.0	<50.0	253	<0.00200	0.0487	0.216	0.29	17,700
	"	"	4-4.5	<50.0	<50.0	<50.0	<50.0	0.0253	<0.00200	0.0487	0.216	0.29	18,100
T-2	12/14/2021	2	0-1	<50.0	388	<50.0	388	<0.00200	<0.00200	0.0172	0.0622	0.0794	1,090
	"	"	1	<49.9	326	<49.9	326	<0.00198	0.00572	0.0102	0.0629	0.0788	11,600
	"	"	2	83.0	414	<49.9	497	<0.00201	0.0111	0.0601	0.256	0.327	10,400
	"	"	3	<50.0	413	<50.0	413	<0.00201	0.00593	0.0403	0.182	0.228	8,520
	"	"	4	<49.8	352	<49.8	352	<0.00202	0.0219	0.0578	0.25	0.329	7,560
	"	"	5	<50.0	277	<50.0	277	<0.00200	<0.00200	<0.00200	0.00839	0.00839	5,540
	"	"	6	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	194
	"	"	7	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	238
S-3	12/2/2021	2	0-1	1,110	4,990	<249	6,100	<0.402	2.00	3.25	0.863	19.0	7,760
	"	"	1-1.5	<49.9	<49.9	<49.9	<49.9	0.0113	0.0628	0.049	0.172	0.295	12,100
	"	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00474	0.00269	0.0126	0.02	14,100
	"	"	3-3.5	<49.9	<49.9	<49.9	<49.9	<0.00201	0.00349	<0.00201	0.00991	0.0134	15,000
	"	"	4-4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	0.00535	<0.00200	0.011	0.0163	13,200
T-3	12/14/2021	2	0-1	<49.9	84.2	<49.9	84.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	12,100
	"	"	1	<50.0	952	<50.0	952	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7,930
	"	"	2	<49.9	579	<49.9	579	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8,270
	"	"	3	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	13,000
	"	"	4	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14,200
	"	"	5	72.9	55.6	<49.9	129	<0.00202	0.00399	0.00998	0.00915	0.0231	13,500
	"	"	6	57.0	<50.0	<50.0	57.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	18,100
	"	"	7	<50.0	<50.0	<50.0	<50.0	<0.0398	<0.0398	<0.0398	<0.0795	<0.0795	28,000
	"	"	8	99.8	<49.9	<49.9	99.8	<0.0397	<0.0397	<0.0397	<0.0794	<0.0794	14,500
	"	"	9	<49.8	<49.8	<49.8	<49.8	0.0437	<0.0396	<0.0396	<0.0794	<0.0794	3,670
	"	"	10	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	0.00524	0.00524	0.00524	54.2
Regulatory Criteria ^A				1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(H) Horizontal

(T) Trench

- Removed

Table 1
EOG Resources
Martha AIK Fed #13H
Eddy County, New Mexico

Sample ID	Date	Current Excavation Depth	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-4	12/2/2021	2	0-1	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	257
	"	"	1-1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	953
	"	"	2-2.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,950
	"	"	3-3.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7,000
	"	"	4-4.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	14,200
T-4	12/14/2021	2	0-1	<50.0	<50.0	<50.0	<50.0	<0.0402	<0.0402	<0.0402	0.101	0.101	13,300
	"	"	1	<49.9	398	<49.9	398	0.577	0.803	0.424	0.152	1.96	8,700
	"	"	2	<50.0	182	<50.0	182	<0.0403	<0.0403	<0.0403	<0.0806	<0.0806	7,270
	"	"	3	79.3	334	<50.0	413	<0.0404	<0.0404	<0.0404	<0.0808	<0.0808	7,470
	"	"	4	<50.0	364	<50.0	364	<0.0399	<0.0399	<0.0399	<0.0798	<0.0798	8,690
	"	"	5	65.3	<49.8	<49.8	65.3	<0.0398	<0.0398	<0.0398	<0.0795	<0.0795	15,600
	"	"	6	78.0	<50.0	<50.0	78.0	<0.0399	<0.0399	<0.0399	<0.0798	<0.0798	14,500
	"	"	7	<50.0	132	<50.0	132	<0.0398	<0.0398	<0.0398	<0.0797	<0.0797	14,700
	"	"	8	74.1	<50.0	<50.0	74.1	<0.0398	<0.0398	<0.0398	<0.0795	<0.0795	16,800
	"	"	9	<49.9	119	<49.9	119	<0.0397	<0.0397	<0.0397	<0.0794	<0.0794	15,800
	"	"	10	<50.0	64.3	<50.0	64.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	49.0
	"	"	11	54.7	<49.9	<49.9	54.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	54.1
S-5	12/2/2021	2	0-1	1,610	4,450	602	6,660	3.94	<0.00199	<0.00199	0.423	43.0	7,810
	"	"	1-1.5	<50.0	566	<50.0	566	0.00918	0.092	0.106	0.377	0.584	11,100
	"	"	2-2.5	<50.0	<50.0	<50.0	<50.0	0.00531	0.0233	0.018	0.067	0.114	15,400
	"	"	3-3.5	<49.9	<49.9	<49.9	<49.9	0.00378	0.0271	0.0158	0.0441	0.0908	1,500
	"	"	4-4.5	<50.0	<50.0	<50.0	<50.0	<0.00201	0.0322	0.0169	0.0501	0.0992	12,900
T-5	12/14/2021	2	0-1	168	1,010	<50.0	1,180	0.0713	0.793	1.04	3.81	5.39	9,310
	"	"	1	141	948	<49.9	1,090	<0.0398	0.539	1.04	3.81	5.39	9,510
	"	"	2	286	1,300	<49.9	1,590	<0.00199	0.0316	0.035	0.13	0.197	9,230
	"	"	3	409	1,610	<50.0	2,020	<0.00201	0.016	0.0257	0.0806	0.122	9,930
	"	"	4	430	1,860	<50.0	2,290	<0.00199	0.0666	0.101	0.317	0.485	9,810
	"	"	5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	0.00718	0.00718	15,400
	"	"	6	<49.8	62.8	<49.8	62.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12,600
	"	"	7	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	17,800
	"	"	8	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14,800
	"	"	9	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	20,700
	"	"	10	<50.0	105	<50.0	105	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,910
	"	"	11	<50.0	<50.0	<50.0	<50.0	<0.00200	0.0131	0.00375	0.00925	0.0261	60.7
H-1	12/2/2021	-	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5.18
H-2	12/2/2021	-	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6.58
H-3	12/2/2021	-	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.99
H-4	12/2/2021	-	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	7.83
H-5	12/2/2021	-	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	33
H-6	12/2/2021	-	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	0.00326	0.00259	0.00906	0.0149	33.1
Regulatory Criteria ^A				1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(H) Horizontal

(T) Trench

 - Removed

Table 2
EOG Resources
Martha AIK Federal #13H
Eddy County, New Mexico

Sample ID	Date	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	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
CS-2	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	816
CS-3	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,200
CS-4	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,380
CS-5	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	880
CS-6	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,100
CS-7	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	864
CS-8	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
CS-9	4/11/2022	4.5	<10.0	10.7	<10.0	10.7	<0.050	<0.050	<0.050	<0.150	<0.300	1,040
CS-10	4/11/2022	4.5	<10.0	21.3	<10.0	21.3	<0.050	<0.050	<0.050	<0.150	<0.300	1,120
CS-11	4/11/2022	4.5	<10.0	11.8	<10.0	11.8	<0.050	<0.050	<0.050	<0.150	<0.300	1,170
CS-12	4/11/2022	4.5	<10.0	18.4	<10.0	18.4	<0.050	<0.050	<0.050	<0.150	<0.300	1,020
CS-13	4/11/2022	4.5	<10.0	17.0	<10.0	17.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,200
CS-14	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-15	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-16	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-17	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-18	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-19	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-20	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-21	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-22	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-23	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-24	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-25	4/11/2022	11	<10.0	237	41.7	278.7	<0.050	<0.050	<0.050	<0.150	<0.300	5,760
CS-26	4/11/2022	11	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-27	4/11/2022	11	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Regulatory Criteria ^A			GRO + DRO = 1,000 mg/kg		2,500 mg/kg		10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Martha AIK Federal #13H
Eddy County, New Mexico

Sample ID	Date	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	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-2	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-3	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-4	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-5	4/11/2022	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-6	4/11/2022	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-7	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-8	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-9	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-10	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-11	4/11/2022	5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-12	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-13	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-14	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-15	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-16	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-17	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-18	4/11/2022	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-19	4/11/2022	5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-20	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-21	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-22	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-23	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-24	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-25	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-26	4/11/2022	4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-27	4/11/2022	6.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-28	4/11/2022	11	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-29	4/11/2022	11	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-30	4/11/2022	11	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-31	4/11/2022	11	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-32	4/11/2022	11	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-33	4/11/2022	11	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-34	4/11/2022	11	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
Regulatory Criteria ^A			GRO + DRO = 1,000 mg/kg		2,500 mg/kg		10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View North, area of confirmation samples (1-8).



Photograph No. 2

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View South, area of confirmation samples (9-13).



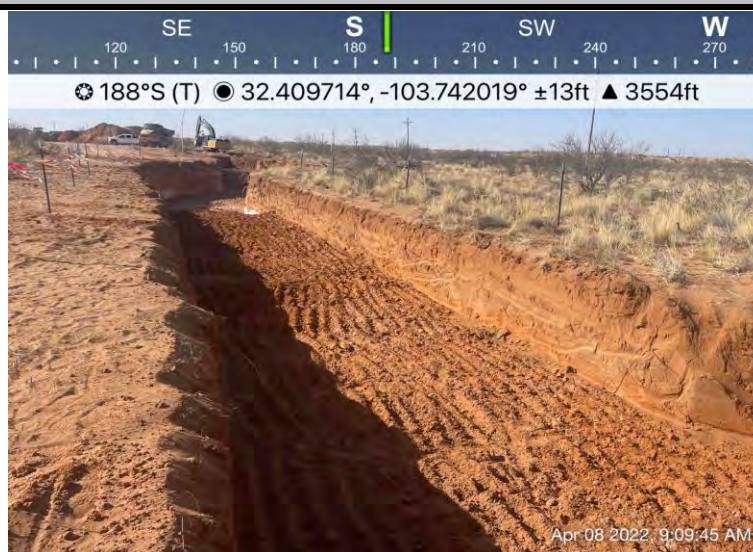
Photograph No. 3

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View South, area of confirmation samples (9-13).



PHOTOGRAPHIC LOG

EOG Resources

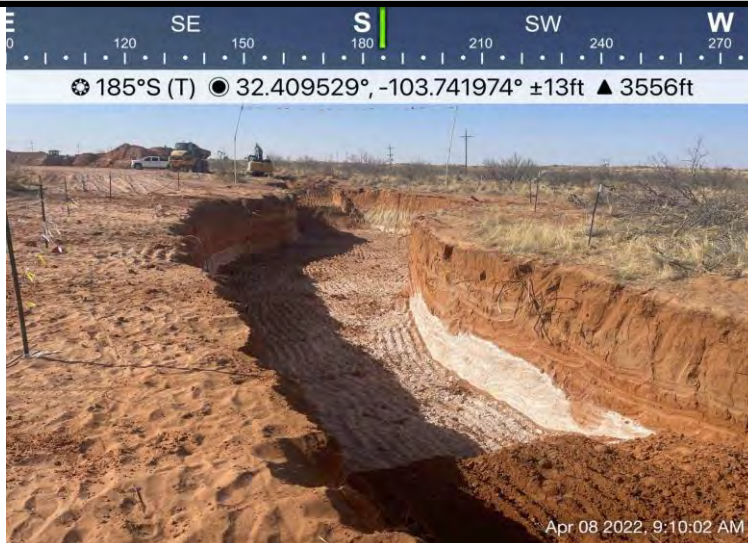
Photograph No. 4

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View South, area of confirmation samples (14-18).



Photograph No. 5

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View North, area of confirmation samples (9-18).



Photograph No. 6

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View South, area of confirmation samples (19-24).



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 7

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View Southeast, area of confirmation samples (25-27).



Photograph No. 8

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View North, area of confirmation samples (25-27).



Photograph No. 9

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View North, of the backfilled excavation.



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 10

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View Southwest, of the backfilled excavation.



Photograph No. 11

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View South, of the backfilled excavation.



Photograph No. 12

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View South, of the backfilled excavation.



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 13

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View North, of the re-seeded excavation.



Photograph No. 14

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View North, of the re-seeded excavation.



Photograph No. 15

Facility: Martha AIK Federal #13H

County: Eddy County, New Mexico

Description:

View South, of the re-seeded excavation.



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2133638083
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) nAPP2133638083
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.408838° Longitude -103.741867°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Martha AIK Fed #13H	Site Type Flow Line
Date Release Discovered 11/22/21	API# (if applicable) 30-015-37511

Unit Letter	Section	Township	Range	County
H	11	22S	31E	Eddy

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) 50	Volume Recovered (bbls) 5
	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 LO arrived on site to discover a pin hole leak in the 2 7/8" steel flow line at the edge of the pad. The pin hole released approximately 50 bbls of produced water at the edge of the pad and in the field with 5 bbls recovered.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2133638083
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? More than 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 11/23/21.	

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>12-2-21</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>12/2/2022</u>

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

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

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

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

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: 05/31/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: Todd Wells
Sent: Wednesday, March 23, 2022 11:28 AM
To: Mike Carmona
Subject: Martha AIK Fed #13H - The Oil Conservation Division (OCD) has approved the application, Application ID: 87982

Mike,

The OCD approved the Martha work plan with conditions, please see the email below. Attached is the signed approved work plan.

Thank you,

Todd

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, March 22, 2022 3:09 PM
To: Todd Wells <Todd_Wells@eogresources.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 87982

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Todd Wells for EOG RESOURCES INC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2133638083, with the following conditions:

- **Remediation Plan Approved. Variance is approved for 400 ft2. Please collect composite sidewall and bottom hole samples every 400 square feet.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Jennifer Nobui
Environmental Specialist-Advanced
505-476-3441
Jennifer.Nobui@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: Mike Carmona
Sent: Wednesday, April 6, 2022 8:46 AM
To: OCD.Enviro@state.nm.us
Cc: Todd Wells; Conner Moehring
Subject: Martha AIK Fed #13H Sampling Notification

Good morning,

On behalf of EOG, Carmona Resources will be collecting confirmation samples at the below-referenced site for the remediation on 04/11/2022 at 10:30 a.m. Mountain Time. Please let me know if you have any questions.

Martha AIK Fed #13H
Eddy County, New Mexico
Unit H, S11, T22S, R31E
Incident #: NAPP2133638083
32.408821, -103.741824

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com



APPENDIX D

CARMONA RESOURCES



Retrieved by EOG: 5/20/2022 10:52:56 AM

Groundwater Determination Bore

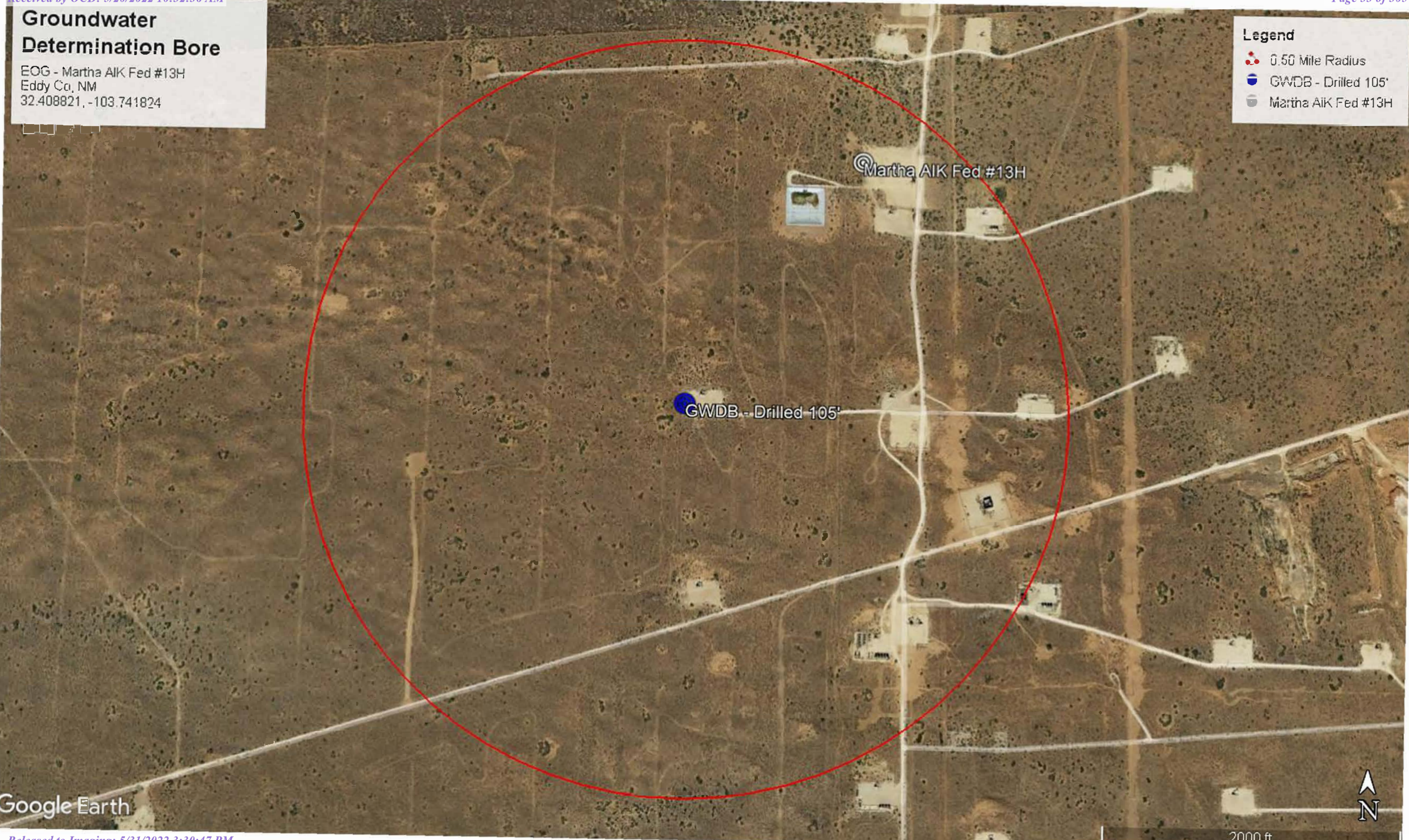
EOG - Martha AIK Fed #13H
Eddy Co, NM
32.408821, -103.741824

Legend

 0.50 Mile Radius

 GWDB - Drilled 105'

 Martha AIK Fed #13H





Project Name :	Martha AIK Federal No. 13	Date :	Wednesday, March 2, 2022
Project No. :	1016	Sampler :	Clinton Merritt
Location :	Eddy Co, New Mexico	Driller :	Scarborough Drilling
Coordinates :	32.4038688, -103.7457492	Method :	Air Rotary
Elevation :	3,583		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Red very soft, silty, very loose sand, w/ <3% gyp, no organics, dry (SM).		50		(50') - Red/Brown stiff clay with 50% soft, silty, very loose sand, no organics, dry (SC).	
5		(5') - Red very soft, silty, very loose sand, w/ <3% gyp, no organics, dry (SM).		55		(55') - Red/Brown stiff clay with 50% soft, silty, very loose sand, no organics, dry (SC).	
10		(10') - Red very soft, silty, very loose sand, w/ <3% gyp, no organics, dry (SM).		60		(60') - Red/Brown stiff clay with 50% soft, silty, very loose sand, no organics, dry (SC).	
15		(15') - Red very soft, silty, very loose sand, w/ <3% gyp, no organics, dry (SM).		65		(65') - Red/Brown stiff clay with 50% soft, silty, very loose sand, no organics, dry (SC).	
20		(20') - Red very soft, silty, very loose sand, w/ <3% gyp, no organics, dry (SM).		70		(70') - Red/Brown stiff clay with 50% soft, silty, very loose sand, no organics, dry (SC).	
25		(25') - Red very soft, silty, very loose sand, w/ <3% gyp, no organics, dry (SM).		75		(75') - Red/Brown stiff clay with 50% soft, silty, very loose sand, no organics, dry (SC).	
30		(30') - Red very soft, silty, very loose sand, w/ <3% gyp, no organics, dry (SM).		80		(80') - White soft, silty, very loose sand w/ 5% gyp, no organics, dry (SM).	
35		(35') - Red very soft, silty, very loose sand, w/ <3% gyp, no organics, dry (SM).		85		(85') - Red stiff clay w/ 15% soft, silty, loosed sand and gyp, no organics, dry (SC)	
40		(40') - Red very soft, silty, very loose sand, w/ <3% gyp, no organics, dry (SM).		90		(90') - Red stiff clay w/ 15% soft, silty, loosed sand and gyp, no organics, dry (SC)	
45		(45') - Red very soft, silty, very loose sand, w/ <3% gyp, no organics, dry (SM).		95		(95') - Red stiff clay w/ 15% soft, silty, loosed sand and gyp, no organics, dry (SC)	
50				105			

Comments : 12:30 (CT) Boring terminated at 105' with no presence of groundwater or moisture.

9:13 (CT) 03/07/2022 no presence of groundwater was detected

Nearest water well

EOG Resources

Legend

- 0.50 Mile Radius
- 1.19 Miles
- 1.22 Miles
- 1.68 Miles
- 1.99 Miles
- 3.46 Miles
- 4.20 Miles
- 4.56 Miles
- 4.58 Miles
- Martha AIK Fed #13H
- NMSEO Water Well
- USGS Water Well



Low Karst

EOG Resources

Legend

LOW

Martha AIK Fed #13H





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 02744	CUB	ED		3	2	1	11	22S	31E	617374	3586631*	1016	4911		
C 04144 POD10	CUB	LE		2	4	4	12	22S	31E	620089	3585741	1852	67	0	67
C 04144 POD2	CUB	LE		3	1	3	07	22S	32E	620147	3585768	1896	60	55	5
C 04144 POD9	CUB	LE		1	3	3	07	22S	32E	620126	3585667	1916	63	0	63
C 04144 POD4	CUB	LE		3	1	3	07	22S	32E	620200	3585808	1933			
C 04144 POD1	CUB	LE		3	1	3	07	22S	32E	620240	3585844	1960	58	49	9
C 04144 POD3	CUB	LE		3	1	3	07	22S	32E	620240	3585842	1961			
C 02745	CUB	ED		4	2	2	15	22S	31E	616789	3585013*	2130	925		
C 02746	CUB	ED		4	2	2	15	22S	31E	616789	3585013*	2130	930		
C 02747	CUB	ED		4	2	2	15	22S	31E	616789	3585013*	2130	1076		
C 03150	CUB	ED		2	4	4	14	22S	31E	618412	3584025*	2414	981		
C 02949 EXPL	CUB	ED		1	1	4	34	21S	31E	616140	3589231*	3574	970		
C 02939	C	LE		3	3	1	19	22S	32E	620234	3583042*	3873	280		

Average Depth to Water: **26 feet**

Minimum Depth: **0 feet**

Maximum Depth: **55 feet**

Record Count: 13

UTMNA83 Radius Search (in meters):

Easting (X): 618372

Northing (Y): 3586439

Radius: 4000

*UTM location was derived from PLSS - see Help

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WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y		
NA	C 04144 POD2	3	1	3	07	22S	32E	620147	3585768		
Driller License: 1456		Driller Company:				WHITE DRILLING COMPANY					
Driller Name:		ATKINS., WILLIAM B.									
Drill Start Date: 01/30/2018		Drill Finish Date:				01/30/2018		Plug Date:			
Log File Date: 02/15/2018		PCW Rev Date:						Source:		Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield:			
Casing Size: 2.00		Depth Well:				60 feet		Depth Water:		55 feet	
Water Bearing Stratifications:					Top	Bottom	Description				
					52	56	Sandstone/Gravel/Conglomerate				
					56	59	Sandstone/Gravel/Conglomerate				
					59	60	Shale/Mudstone/Siltstone				
Casing Perforations:					Top	Bottom					
					40	60					

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04144 POD1	3	1	3	07	22S	32E	620240	3585844 
Driller License: 1456		Driller Company:		WHITE DRILLING COMPANY					
Driller Name:		ATKINS., WILLIAM B.							
Drill Start Date: 01/29/2018		Drill Finish Date:		01/30/2018		Plug Date:			
Log File Date: 02/15/2018		PCW Rev Date:		Source:				Shallow	
Pump Type:		Pipe Discharge Size:		Estimated Yield:					
Casing Size: 2.00		Depth Well:		58 feet		Depth Water:		49 feet	
Water Bearing Stratifications:					Top	Bottom	Description		
					42	54	Sandstone/Gravel/Conglomerate		
					54	56	Sandstone/Gravel/Conglomerate		
					56	58	Shale/Mudstone/Siltstone		
Casing Perforations:					Top	Bottom			
					38	58			

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POINT OF DIVERSION SUMMARY



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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 322333103461301

Minimum number of levels = 1

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USGS 322333103461301 22S.31E.15.13223

Eddy County, New Mexico

Latitude 32°23'40", Longitude 103°46'15" NAD27

Land-surface elevation 3,456 feet above NAVD88

The depth of the well is 170 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) 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 measur
1959-02-19		D	62610		3303.50	NGVD29	1	Z		
1959-02-19		D	62611		3305.13	NAVD88	1	Z		
1959-02-19		D	72019	150.87			1	Z		
1972-09-12		D	62610		3308.07	NGVD29	1	Z		
1972-09-12		D	62611		3309.70	NAVD88	1	Z		
1972-09-12		D	72019	146.30			1	Z		
1976-12-08		D	62610		3318.40	NGVD29	1	Z		
1976-12-08		D	62611		3320.03	NAVD88	1	Z		
1976-12-08		D	72019	135.97			1	Z		
1983-01-18		D	62610		3321.23	NGVD29	1	Z		
1983-01-18		D	62611		3322.86	NAVD88	1	Z		
1983-01-18		D	72019	133.14			1	Z		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
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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URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



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0.28 0.25 nadww01



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site_no list =

- 322253103472901

Minimum number of levels = 1

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USGS 322253103472901 22S.31E.20.244 WIPP-18

Eddy County, New Mexico
Latitude 32°22'52.96", Longitude 103°47'28.65" NAD83
Land-surface elevation 3,455 feet above NAVD88
The depth of the hole is 1,060 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national 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
1978-03-30		D	62610		3329.37	NGVD29	1	O	USGS	
1978-03-30		D	62611		3331.00	NAVD88	1	O	USGS	
1978-03-30		D	72019	124.00			1	O	USGS	

Explanation

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

Released to Imaging: 5/31/2022 3:30:47 PM

Section	Code	Description
Method of measurement	O	Observed.
Measuring agency	USGS	U.S. Geological Survey
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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0.28 0.24 nadww02



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Agency code = usgs

site_no list =

- 322204103474001

Minimum number of levels = 1

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USGS 322204103474001 22S.31E.29.2213 H-1

Eddy County, New Mexico

Latitude 32°22'04", Longitude 103°47'40" NAD27

Land-surface elevation 3,394 feet above NGVD29

This well is completed in the Other aquifers (N9999OTHER) national 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 measur
1976-06-02		D	62610		2954.00	NGVD29	1	O	USGS	
1976-06-02		D	62611		2955.63	NAVD88	1	O	USGS	
1976-06-02		D	72019	440.00			1	O	USGS	
1977-05-10		D	62610		3053.50	NGVD29	1	O	USGS	
1977-05-10		D	62611		3055.13	NAVD88	1	O	USGS	
1977-05-10		D	72019	340.50			1	O	USGS	

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

Section	Code	Description
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	O	Observed.
Measuring agency	USGS	U.S. Geological Survey
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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0.36 0.32 nadww01



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Agency code = usgs

site_no list =

- 322205103480702

Minimum number of levels = 1

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USGS 322205103480702 22S.31E.29.1232 H-2B

Eddy County, New Mexico

Latitude 32°22'03", Longitude 103°48'08" NAD27

Land-surface elevation 3,379 feet above NGVD29

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1977-02-22		D	62610		3029.00	NGVD29	1	O	USGS	
1977-02-22		D	62611		3030.63	NAVD88	1	O	USGS	
1977-02-22		D	72019	350.00			1	O	USGS	
1979-02-17		D	62610		3029.00	NGVD29	1	O	USGS	
1979-02-17		D	62611		3030.63	NAVD88	1	O	USGS	
1979-02-17		D	72019	350.00			1	O	USGS	

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

Section	Code	Description
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	O	Observed.
Measuring agency	USGS	U.S. Geological Survey
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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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: 2021-11-30 15:43:32 EST

0.34 0.29 nadww02



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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 =

- 322046103460301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 322046103460301 22S.31E.34.321

Eddy County, New Mexico

Latitude 32°20'46", Longitude 103°46'03" NAD27

Land-surface elevation 3,448 feet above NGVD29

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Delaware Mountain Group (313DLRM) 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
1975-12-18		D	62610		2954.80	NGVD29	1	O	USGS	
1975-12-18		D	62611		2956.44	NAVD88	1	O	USGS	
1975-12-18		D	72019	493.20			1	O	USGS	

Explanation

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

Section	Code	Description
Method of measurement	O	Observed.
Measuring agency	USGS	U.S. Geological Survey
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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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: 2021-11-30 15:34:36 EST

0.33 0.29 nadww02



National Water Information System: Mapper



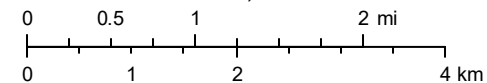
Site Information

New Mexico NFHL Data



November 30, 2021

1:72,224



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

APPENDIX E

CARMONA RESOURCES



Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

Eddy Area, New Mexico

BB—Berino complex, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w43

Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 5 to 15 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 60 percent

Pajarito and similar soils: 25 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains, fan piedmonts

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand

H2 - 17 to 58 inches: sandy clay loam

H3 - 58 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Description of Pajarito

Setting

Landform: Dunes, plains, interdunes
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: loamy fine sand
H2 - 9 to 72 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Cacique

Percent of map unit: 4 percent
Ecological site: R042XC004NM - Sandy
Hydric soil rating: No

Wink

Percent of map unit: 4 percent
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Pajarito

Percent of map unit: 4 percent

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

Ecological site: R042XC003NM - Loamy Sand

Hydric soil rating: No

Kermit

Percent of map unit: 3 percent

Ecological site: R042XC005NM - Deep Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 17, Sep 12, 2021

(28)

BLM SERIAL #:

COMPANY REFERENCE:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sand love grass (<i>Eragrostis trichodes</i>)	1.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

APPENDIX F

CARMONA RESOURCES





Environment Testing
America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-8922-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Martha AIK Fed 13H

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:
12/7/2021 9:25:04 PM

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

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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: Martha AIK Fed 13H

Laboratory Job ID: 880-8922-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
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
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.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
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)

Eurofins Xenco, Midland

Definitions/Glossary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Job ID: 880-8922-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-8922-1

Receipt

The samples were received on 12/2/2021 4:45 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 2.5°C

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 880-13813 and analytical batch 880-13827 was outside the 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated %RPD values were obtained.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-2 (0-1') (880-8922-6). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S- 4 (3-3.5') (880-8922-19) and S-5 (4-4.5) (880-8922-25). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-14037 and analytical batch 880-14116 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 880-14040 and analytical batch 880-14185 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: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-8922-1

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0392	F1 F2	0.00200		mg/Kg		12/03/21 08:39	12/04/21 00:06	1
Toluene	0.0275	F1 F2	0.00200		mg/Kg		12/03/21 08:39	12/04/21 00:06	1
Ethylbenzene	0.336	F1 F2	0.00200		mg/Kg		12/03/21 08:39	12/04/21 00:06	1
m-Xylene & p-Xylene	0.596	F1	0.00400		mg/Kg		12/03/21 08:39	12/04/21 00:06	1
o-Xylene	0.258	F1 F2	0.00200		mg/Kg		12/03/21 08:39	12/04/21 00:06	1
Xylenes, Total	0.854	F1 F2	0.00400		mg/Kg		12/03/21 08:39	12/04/21 00:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	12/03/21 08:39	12/04/21 00:06	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/03/21 08:39	12/04/21 00:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.26		0.00400		mg/Kg			12/07/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2130		49.9		mg/Kg			12/07/21 16:19	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	312		49.9		mg/Kg		12/02/21 17:15	12/03/21 23:45	1
Diesel Range Organics (Over C10-C28)	1820		49.9		mg/Kg		12/02/21 17:15	12/03/21 23:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 17:15	12/03/21 23:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	12/02/21 17:15	12/03/21 23:45	1
o-Terphenyl	94		70 - 130	12/02/21 17:15	12/03/21 23:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	813	F1	4.98		mg/Kg			12/06/21 23:29	1

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-8922-2

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 00:26	1
Toluene	0.0559		0.00199		mg/Kg		12/03/21 08:39	12/04/21 00:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/03/21 08:39	12/04/21 00:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/03/21 08:39	12/04/21 00:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/03/21 08:39	12/04/21 00:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/03/21 08:39	12/04/21 00:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/03/21 08:39	12/04/21 00:26	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/03/21 08:39	12/04/21 00:26	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-8922-2

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0559		0.00398		mg/Kg			12/07/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	152		50.0		mg/Kg			12/07/21 16:19	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		12/02/21 17:15	12/04/21 00:27	1
Diesel Range Organics (Over C10-C28)	152		50.0		mg/Kg		12/02/21 17:15	12/04/21 00:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/04/21 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				12/02/21 17:15	12/04/21 00:27	1
o-Terphenyl	85		70 - 130				12/02/21 17:15	12/04/21 00:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.4		5.04		mg/Kg			12/07/21 00:04	1

Client Sample ID: S-1 (2-2.5')

Lab Sample ID: 880-8922-3

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 00:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/03/21 08:39	12/04/21 00:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/03/21 08:39	12/04/21 00:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/03/21 08:39	12/04/21 00:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/03/21 08:39	12/04/21 00:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/03/21 08:39	12/04/21 00:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				12/03/21 08:39	12/04/21 00:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130				12/03/21 08:39	12/04/21 00:47	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			12/07/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	71.5		50.0		mg/Kg			12/07/21 16:19	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		12/02/21 17:15	12/04/21 00:48	1
Diesel Range Organics (Over C10-C28)	71.5		50.0		mg/Kg		12/02/21 17:15	12/04/21 00:48	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (2-2.5')

Lab Sample ID: 880-8922-3

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/04/21 00:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/02/21 17:15	12/04/21 00:48	1
o-Terphenyl	87		70 - 130				12/02/21 17:15	12/04/21 00:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.0		4.99		mg/Kg			12/07/21 00:15	1

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 880-8922-4

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 01:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/03/21 08:39	12/04/21 01:07	1
Ethylbenzene	0.00304		0.00199		mg/Kg		12/03/21 08:39	12/04/21 01:07	1
m-Xylene & p-Xylene	0.00756		0.00398		mg/Kg		12/03/21 08:39	12/04/21 01:07	1
o-Xylene	0.00396		0.00199		mg/Kg		12/03/21 08:39	12/04/21 01:07	1
Xylenes, Total	0.0115		0.00398		mg/Kg		12/03/21 08:39	12/04/21 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				12/03/21 08:39	12/04/21 01:07	1
1,4-Difluorobenzene (Surr)	89		70 - 130				12/03/21 08:39	12/04/21 01:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0146		0.00398		mg/Kg			12/07/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/07/21 16:19	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		12/02/21 17:15	12/04/21 01:08	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/02/21 17:15	12/04/21 01:08	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:15	12/04/21 01:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				12/02/21 17:15	12/04/21 01:08	1
o-Terphenyl	93		70 - 130				12/02/21 17:15	12/04/21 01:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		5.00		mg/Kg			12/07/21 00:26	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (4-4.5')

Lab Sample ID: 880-8922-5

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00917		0.00198		mg/Kg		12/03/21 08:39	12/04/21 01:28	1
Toluene	0.0201		0.00198		mg/Kg		12/03/21 08:39	12/04/21 01:28	1
Ethylbenzene	0.0128		0.00198		mg/Kg		12/03/21 08:39	12/04/21 01:28	1
m-Xylene & p-Xylene	0.0783		0.00396		mg/Kg		12/03/21 08:39	12/04/21 01:28	1
o-Xylene	0.0357		0.00198		mg/Kg		12/03/21 08:39	12/04/21 01:28	1
Xylenes, Total	0.114		0.00396		mg/Kg		12/03/21 08:39	12/04/21 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	12/03/21 08:39	12/04/21 01:28	1
1,4-Difluorobenzene (Surr)	115		70 - 130	12/03/21 08:39	12/04/21 01:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.156		0.00396		mg/Kg			12/07/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	191		50.0		mg/Kg			12/07/21 16:19	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		12/02/21 17:15	12/04/21 01:29	1
Diesel Range Organics (Over C10-C28)	191		50.0		mg/Kg		12/02/21 17:15	12/04/21 01:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/04/21 01:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	12/02/21 17:15	12/04/21 01:29	1
o-Terphenyl	86		70 - 130	12/02/21 17:15	12/04/21 01:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.0		4.95		mg/Kg			12/07/21 00:38	1

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-8922-6

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0108		0.00202		mg/Kg		12/03/21 08:39	12/04/21 01:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/03/21 08:39	12/04/21 01:48	1
Ethylbenzene	0.00360		0.00202		mg/Kg		12/03/21 08:39	12/04/21 01:48	1
m-Xylene & p-Xylene	0.163		0.00403		mg/Kg		12/03/21 08:39	12/04/21 01:48	1
o-Xylene	0.00533		0.00202		mg/Kg		12/03/21 08:39	12/04/21 01:48	1
Xylenes, Total	0.168		0.00403		mg/Kg		12/03/21 08:39	12/04/21 01:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	12/03/21 08:39	12/04/21 01:48	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/03/21 08:39	12/04/21 01:48	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-8922-6

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.183		0.00403		mg/Kg			12/07/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	11100		250		mg/Kg			12/07/21 16:19	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	2950		250		mg/Kg		12/02/21 17:15	12/04/21 01:49	5
Diesel Range Organics (Over C10-C28)	8140		250		mg/Kg		12/02/21 17:15	12/04/21 01:49	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		12/02/21 17:15	12/04/21 01:49	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				12/02/21 17:15	12/04/21 01:49	5
o-Terphenyl	98		70 - 130				12/02/21 17:15	12/04/21 01:49	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6580		50.2		mg/Kg			12/07/21 01:12	10

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-8922-7

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 02:09	1
Toluene	0.0512		0.00200		mg/Kg		12/03/21 08:39	12/04/21 02:09	1
Ethylbenzene	0.0817		0.00200		mg/Kg		12/03/21 08:39	12/04/21 02:09	1
m-Xylene & p-Xylene	0.220		0.00399		mg/Kg		12/03/21 08:39	12/04/21 02:09	1
o-Xylene	0.100		0.00200		mg/Kg		12/03/21 08:39	12/04/21 02:09	1
Xylenes, Total	0.320		0.00399		mg/Kg		12/03/21 08:39	12/04/21 02:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				12/03/21 08:39	12/04/21 02:09	1
1,4-Difluorobenzene (Surr)	79		70 - 130				12/03/21 08:39	12/04/21 02:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.453		0.00399		mg/Kg			12/07/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	125		49.9		mg/Kg			12/07/21 16:19	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		12/02/21 17:15	12/04/21 02:10	1
Diesel Range Organics (Over C10-C28)	125		49.9		mg/Kg		12/02/21 17:15	12/04/21 02:10	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-8922-7

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/02/21 17:15	12/04/21 02:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				12/02/21 17:15	12/04/21 02:10	1
o-Terphenyl	94		70 - 130				12/02/21 17:15	12/04/21 02:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11100		49.8		mg/Kg			12/07/21 15:19	10

Client Sample ID: S-2 (2-2.5')

Lab Sample ID: 880-8922-8

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 02:29	1
Toluene	0.0459		0.00198		mg/Kg		12/03/21 08:39	12/04/21 02:29	1
Ethylbenzene	0.112		0.00198		mg/Kg		12/03/21 08:39	12/04/21 02:29	1
m-Xylene & p-Xylene	0.302		0.00397		mg/Kg		12/03/21 08:39	12/04/21 02:29	1
o-Xylene	0.147		0.00198		mg/Kg		12/03/21 08:39	12/04/21 02:29	1
Xylenes, Total	0.449		0.00397		mg/Kg		12/03/21 08:39	12/04/21 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/03/21 08:39	12/04/21 02:29	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/03/21 08:39	12/04/21 02:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.607		0.00397		mg/Kg			12/07/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	464		49.8		mg/Kg			12/07/21 16:19	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	52.8		49.8		mg/Kg		12/02/21 17:15	12/04/21 02:30	1
Diesel Range Organics (Over C10-C28)	411		49.8		mg/Kg		12/02/21 17:15	12/04/21 02:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/02/21 17:15	12/04/21 02:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				12/02/21 17:15	12/04/21 02:30	1
o-Terphenyl	94		70 - 130				12/02/21 17:15	12/04/21 02:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18500		101		mg/Kg			12/07/21 15:53	20

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (3-3.5')

Lab Sample ID: 880-8922-9

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0253		0.00200		mg/Kg		12/03/21 08:39	12/04/21 02:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/04/21 02:49	1
Ethylbenzene	0.0487		0.00200		mg/Kg		12/03/21 08:39	12/04/21 02:49	1
m-Xylene & p-Xylene	0.135		0.00400		mg/Kg		12/03/21 08:39	12/04/21 02:49	1
o-Xylene	0.0809		0.00200		mg/Kg		12/03/21 08:39	12/04/21 02:49	1
Xylenes, Total	0.216		0.00400		mg/Kg		12/03/21 08:39	12/04/21 02:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	285	S1+	70 - 130	12/03/21 08:39	12/04/21 02:49	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/03/21 08:39	12/04/21 02:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.290		0.00400		mg/Kg			12/07/21 08:58	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			12/07/21 16:19	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		12/02/21 17:15	12/04/21 02:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/04/21 02:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/04/21 02:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	12/02/21 17:15	12/04/21 02:52	1
o-Terphenyl	95		70 - 130	12/02/21 17:15	12/04/21 02:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17700		99.8		mg/Kg			12/07/21 16:04	20

Client Sample ID: S-2 (4-4.5')

Lab Sample ID: 880-8922-10

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 03:10	1
Toluene	0.0142		0.00199		mg/Kg		12/03/21 08:39	12/04/21 03:10	1
Ethylbenzene	0.0131		0.00199		mg/Kg		12/03/21 08:39	12/04/21 03:10	1
m-Xylene & p-Xylene	0.0415		0.00398		mg/Kg		12/03/21 08:39	12/04/21 03:10	1
o-Xylene	0.0153		0.00199		mg/Kg		12/03/21 08:39	12/04/21 03:10	1
Xylenes, Total	0.0568		0.00398		mg/Kg		12/03/21 08:39	12/04/21 03:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	12/03/21 08:39	12/04/21 03:10	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/03/21 08:39	12/04/21 03:10	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (4-4.5')

Lab Sample ID: 880-8922-10

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0841		0.00398		mg/Kg			12/07/21 08:58	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			12/07/21 16:19	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		12/02/21 17:15	12/04/21 03:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/04/21 03:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/04/21 03:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				12/02/21 17:15	12/04/21 03:13	1
o-Terphenyl	95		70 - 130				12/02/21 17:15	12/04/21 03:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18100		100		mg/Kg			12/07/21 16:16	20

Client Sample ID: S-3(0-1')

Lab Sample ID: 880-8922-11

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.402	U	0.402		mg/Kg		12/03/21 08:39	12/06/21 09:28	200
Toluene	2.00		0.402		mg/Kg		12/03/21 08:39	12/06/21 09:28	200
Ethylbenzene	3.25		0.402		mg/Kg		12/03/21 08:39	12/06/21 09:28	200
m-Xylene & p-Xylene	12.8		0.803		mg/Kg		12/03/21 08:39	12/06/21 09:28	200
o-Xylene	0.916		0.402		mg/Kg		12/03/21 08:39	12/06/21 09:28	200
Xylenes, Total	0.863		0.00402		mg/Kg		12/03/21 08:39	12/04/21 05:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				12/03/21 08:39	12/06/21 09:28	200
1,4-Difluorobenzene (Surr)	79		70 - 130				12/03/21 08:39	12/06/21 09:28	200

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	19.0		0.803		mg/Kg			12/07/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6100		249		mg/Kg			12/07/21 16:19	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	1110		249		mg/Kg		12/02/21 17:15	12/04/21 03:34	5
Diesel Range Organics (Over C10-C28)	4990		249		mg/Kg		12/02/21 17:15	12/04/21 03:34	5

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-3(0-1')

Lab Sample ID: 880-8922-11

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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)	<249	U	249		mg/Kg		12/02/21 17:15	12/04/21 03:34	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/02/21 17:15	12/04/21 03:34	5
o-Terphenyl	96		70 - 130				12/02/21 17:15	12/04/21 03:34	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7760		49.5		mg/Kg			12/07/21 16:27	10

Client Sample ID: S-3 (1-1.5')

Lab Sample ID: 880-8922-12

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0113		0.00199		mg/Kg		12/03/21 08:39	12/04/21 05:20	1
Toluene	0.0628		0.00199		mg/Kg		12/03/21 08:39	12/04/21 05:20	1
Ethylbenzene	0.0490		0.00199		mg/Kg		12/03/21 08:39	12/04/21 05:20	1
m-Xylene & p-Xylene	0.116		0.00398		mg/Kg		12/03/21 08:39	12/04/21 05:20	1
o-Xylene	0.0557		0.00199		mg/Kg		12/03/21 08:39	12/04/21 05:20	1
Xylenes, Total	0.172		0.00398		mg/Kg		12/03/21 08:39	12/04/21 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/03/21 08:39	12/04/21 05:20	1
1,4-Difluorobenzene (Surr)	86		70 - 130				12/03/21 08:39	12/04/21 05:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.295		0.00398		mg/Kg			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 11:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/06/21 09:30	12/06/21 11:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/06/21 09:30	12/06/21 11:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/06/21 09:30	12/06/21 11:47	1
o-Terphenyl	103		70 - 130				12/06/21 09:30	12/06/21 11:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12100		100		mg/Kg			12/07/21 17:01	20

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-3(2-2.5')

Lab Sample ID: 880-8922-13

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 05:40	1
Toluene	0.00474		0.00201		mg/Kg		12/03/21 08:39	12/04/21 05:40	1
Ethylbenzene	0.00269		0.00201		mg/Kg		12/03/21 08:39	12/04/21 05:40	1
m-Xylene & p-Xylene	0.00831		0.00402		mg/Kg		12/03/21 08:39	12/04/21 05:40	1
o-Xylene	0.00430		0.00201		mg/Kg		12/03/21 08:39	12/04/21 05:40	1
Xylenes, Total	0.0126		0.00402		mg/Kg		12/03/21 08:39	12/04/21 05:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/03/21 08:39	12/04/21 05:40	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/03/21 08:39	12/04/21 05:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0200		0.00402		mg/Kg			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 12:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 12:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	12/06/21 09:30	12/06/21 12:51	1
o-Terphenyl	117		70 - 130	12/06/21 09:30	12/06/21 12:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14100		99.4		mg/Kg			12/07/21 17:13	20

Client Sample ID: S-3 (3-3.5')

Lab Sample ID: 880-8922-14

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 06:01	1
Toluene	0.00349		0.00201		mg/Kg		12/03/21 08:39	12/04/21 06:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/03/21 08:39	12/04/21 06:01	1
m-Xylene & p-Xylene	0.00564		0.00402		mg/Kg		12/03/21 08:39	12/04/21 06:01	1
o-Xylene	0.00427		0.00201		mg/Kg		12/03/21 08:39	12/04/21 06:01	1
Xylenes, Total	0.00991		0.00402		mg/Kg		12/03/21 08:39	12/04/21 06:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/03/21 08:39	12/04/21 06:01	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/03/21 08:39	12/04/21 06:01	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (3-3.5')

Lab Sample ID: 880-8922-14

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0134		0.00402		mg/Kg			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 13:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/06/21 09:30	12/06/21 13:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/06/21 09:30	12/06/21 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/06/21 09:30	12/06/21 13:12	1
o-Terphenyl	108		70 - 130				12/06/21 09:30	12/06/21 13:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15000		99.0		mg/Kg			12/07/21 17:24	20

Client Sample ID: S-3 (4-4.5')

Lab Sample ID: 880-8922-15

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 06:21	1
Toluene	0.00535		0.00200		mg/Kg		12/03/21 08:39	12/04/21 06:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/04/21 06:21	1
m-Xylene & p-Xylene	0.00724		0.00400		mg/Kg		12/03/21 08:39	12/04/21 06:21	1
o-Xylene	0.00371		0.00200		mg/Kg		12/03/21 08:39	12/04/21 06:21	1
Xylenes, Total	0.0110		0.00400		mg/Kg		12/03/21 08:39	12/04/21 06:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				12/03/21 08:39	12/04/21 06:21	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/03/21 08:39	12/04/21 06:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0163		0.00400		mg/Kg			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 13:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/06/21 09:30	12/06/21 13:33	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (4-4.5')

Lab Sample ID: 880-8922-15

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/06/21 09:30	12/06/21 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				12/06/21 09:30	12/06/21 13:33	1
o-Terphenyl	110		70 - 130				12/06/21 09:30	12/06/21 13:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13200		99.8		mg/Kg			12/07/21 17:36	20

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-8922-16

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 06:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/04/21 06:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/04/21 06:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/03/21 08:39	12/04/21 06:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/04/21 06:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/03/21 08:39	12/04/21 06:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				12/03/21 08:39	12/04/21 06:42	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/03/21 08:39	12/04/21 06:42	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			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 13:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/06/21 09:30	12/06/21 13:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/06/21 09:30	12/06/21 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				12/06/21 09:30	12/06/21 13:55	1
o-Terphenyl	115		70 - 130				12/06/21 09:30	12/06/21 13:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	257		5.00		mg/Kg			12/07/21 17:47	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 880-8922-17

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 07:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/04/21 07:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/04/21 07:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/03/21 08:39	12/04/21 07:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/04/21 07:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/03/21 08:39	12/04/21 07:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/03/21 08:39	12/04/21 07:02	1
1,4-Difluorobenzene (Surr)	177	S1+	70 - 130	12/03/21 08:39	12/04/21 07:02	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			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 14:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/06/21 09:30	12/06/21 14:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/06/21 09:30	12/06/21 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	12/06/21 09:30	12/06/21 14:16	1
o-Terphenyl	106		70 - 130	12/06/21 09:30	12/06/21 14:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	953		4.96		mg/Kg			12/07/21 17:59	1

Client Sample ID: S-4 (2-2.5')

Lab Sample ID: 880-8922-18

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 07:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/03/21 08:39	12/04/21 07:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/03/21 08:39	12/04/21 07:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/03/21 08:39	12/04/21 07:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/03/21 08:39	12/04/21 07:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/03/21 08:39	12/04/21 07:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	12/03/21 08:39	12/04/21 07:23	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/03/21 08:39	12/04/21 07:23	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (2-2.5')

Lab Sample ID: 880-8922-18

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 14:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/06/21 09:30	12/06/21 14:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/06/21 09:30	12/06/21 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				12/06/21 09:30	12/06/21 14:37	1
o-Terphenyl	107		70 - 130				12/06/21 09:30	12/06/21 14:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3950		25.2		mg/Kg			12/07/21 18:33	5

Client Sample ID: S- 4 (3-3.5')

Lab Sample ID: 880-8922-19

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 07:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/03/21 08:39	12/04/21 07:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/03/21 08:39	12/04/21 07:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/03/21 08:39	12/04/21 07:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/03/21 08:39	12/04/21 07:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/03/21 08:39	12/04/21 07:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				12/03/21 08:39	12/04/21 07:43	1
1,4-Difluorobenzene (Surr)	94		70 - 130				12/03/21 08:39	12/04/21 07:43	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			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 18:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 18:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S- 4 (3-3.5')

Lab Sample ID: 880-8922-19

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/06/21 09:30	12/06/21 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				12/06/21 09:30	12/06/21 18:50	1
o-Terphenyl	131	S1+	70 - 130				12/06/21 09:30	12/06/21 18:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7000		49.8		mg/Kg			12/07/21 18:44	10

Client Sample ID: S-4 (4-4.5')

Lab Sample ID: 880-8922-20

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:39	12/04/21 08:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/03/21 08:39	12/04/21 08:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/03/21 08:39	12/04/21 08:03	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/03/21 08:39	12/04/21 08:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/03/21 08:39	12/04/21 08:03	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/03/21 08:39	12/04/21 08:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				12/03/21 08:39	12/04/21 08:03	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/03/21 08:39	12/04/21 08:03	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			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 19:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 19:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				12/06/21 09:30	12/06/21 19:11	1
o-Terphenyl	115		70 - 130				12/06/21 09:30	12/06/21 19:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14200		99.0		mg/Kg			12/07/21 19:19	20

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-8922-21

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.94		0.398		mg/Kg		12/03/21 08:37	12/06/21 09:55	200
Toluene	<0.00199	U	0.00199		mg/Kg		12/03/21 08:37	12/04/21 17:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/03/21 08:37	12/04/21 17:36	1
m-Xylene & p-Xylene	35.7		0.795		mg/Kg		12/03/21 08:37	12/06/21 09:55	200
o-Xylene	3.34		0.398		mg/Kg		12/03/21 08:37	12/06/21 09:55	200
Xylenes, Total	0.423		0.00398		mg/Kg		12/03/21 08:37	12/04/21 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130	12/03/21 08:37	12/06/21 09:55	200
1,4-Difluorobenzene (Surr)	76		70 - 130	12/03/21 08:37	12/06/21 09:55	200

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	43.0		0.795		mg/Kg			12/07/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6660		49.9		mg/Kg			12/07/21 16:19	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	1610		49.9		mg/Kg		12/06/21 09:30	12/06/21 19:33	1
Diesel Range Organics (Over C10-C28)	4450		49.9		mg/Kg		12/06/21 09:30	12/06/21 19:33	1
Oil Range Organics (Over C28-C36)	602		49.9		mg/Kg		12/06/21 09:30	12/06/21 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	12/06/21 09:30	12/06/21 19:33	1
o-Terphenyl	92		70 - 130	12/06/21 09:30	12/06/21 19:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7810		50.1		mg/Kg			12/07/21 19:30	10

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 880-8922-22

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00918		0.00198		mg/Kg		12/03/21 08:37	12/04/21 17:56	1
Toluene	0.0920		0.00198		mg/Kg		12/03/21 08:37	12/04/21 17:56	1
Ethylbenzene	0.106		0.00198		mg/Kg		12/03/21 08:37	12/04/21 17:56	1
m-Xylene & p-Xylene	0.262		0.00396		mg/Kg		12/03/21 08:37	12/04/21 17:56	1
o-Xylene	0.115		0.00198		mg/Kg		12/03/21 08:37	12/04/21 17:56	1
Xylenes, Total	0.377		0.00396		mg/Kg		12/03/21 08:37	12/04/21 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	12/03/21 08:37	12/04/21 17:56	1
1,4-Difluorobenzene (Surr)	84		70 - 130	12/03/21 08:37	12/04/21 17:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 880-8922-22

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.584		0.00396		mg/Kg			12/07/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	566		50.0		mg/Kg			12/07/21 16:19	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		12/06/21 09:30	12/06/21 16:23	1
Diesel Range Organics (Over C10-C28)	566		50.0		mg/Kg		12/06/21 09:30	12/06/21 16:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 16:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				12/06/21 09:30	12/06/21 16:23	1
o-Terphenyl	112		70 - 130				12/06/21 09:30	12/06/21 16:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11100		99.4		mg/Kg			12/07/21 19:41	20

Client Sample ID: S-5 (2-2.5')

Lab Sample ID: 880-8922-23

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00531		0.00200		mg/Kg		12/03/21 08:37	12/04/21 18:17	1
Toluene	0.0233		0.00200		mg/Kg		12/03/21 08:37	12/04/21 18:17	1
Ethylbenzene	0.0180		0.00200		mg/Kg		12/03/21 08:37	12/04/21 18:17	1
m-Xylene & p-Xylene	0.0451		0.00399		mg/Kg		12/03/21 08:37	12/04/21 18:17	1
o-Xylene	0.0219		0.00200		mg/Kg		12/03/21 08:37	12/04/21 18:17	1
Xylenes, Total	0.0670		0.00399		mg/Kg		12/03/21 08:37	12/04/21 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				12/03/21 08:37	12/04/21 18:17	1
1,4-Difluorobenzene (Surr)	84		70 - 130				12/03/21 08:37	12/04/21 18:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.114		0.00399		mg/Kg			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 16:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 16:44	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (2-2.5')

Lab Sample ID: 880-8922-23

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/06/21 09:30	12/06/21 16:44	1
o-Terphenyl	109		70 - 130				12/06/21 09:30	12/06/21 16:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15400		100		mg/Kg			12/07/21 19:53	20

Client Sample ID: S-5 (3-3.5)

Lab Sample ID: 880-8922-24

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00378		0.00200		mg/Kg		12/03/21 08:37	12/04/21 18:37	1
Toluene	0.0271		0.00200		mg/Kg		12/03/21 08:37	12/04/21 18:37	1
Ethylbenzene	0.0158		0.00200		mg/Kg		12/03/21 08:37	12/04/21 18:37	1
m-Xylene & p-Xylene	0.0299		0.00399		mg/Kg		12/03/21 08:37	12/04/21 18:37	1
o-Xylene	0.0142		0.00200		mg/Kg		12/03/21 08:37	12/04/21 18:37	1
Xylenes, Total	0.0441		0.00399		mg/Kg		12/03/21 08:37	12/04/21 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				12/03/21 08:37	12/04/21 18:37	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/03/21 08:37	12/04/21 18:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0908		0.00399		mg/Kg			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 17:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/06/21 09:30	12/06/21 17:05	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/06/21 09:30	12/06/21 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				12/06/21 09:30	12/06/21 17:05	1
o-Terphenyl	112		70 - 130				12/06/21 09:30	12/06/21 17:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15000		100		mg/Kg			12/07/21 20:04	20

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (4-4.5)

Lab Sample ID: 880-8922-25

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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		12/03/21 08:37	12/04/21 18:58	1
Toluene	0.0322		0.00201		mg/Kg		12/03/21 08:37	12/04/21 18:58	1
Ethylbenzene	0.0169		0.00201		mg/Kg		12/03/21 08:37	12/04/21 18:58	1
m-Xylene & p-Xylene	0.0330		0.00402		mg/Kg		12/03/21 08:37	12/04/21 18:58	1
o-Xylene	0.0171		0.00201		mg/Kg		12/03/21 08:37	12/04/21 18:58	1
Xylenes, Total	0.0501		0.00402		mg/Kg		12/03/21 08:37	12/04/21 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	12/03/21 08:37	12/04/21 18:58	1
1,4-Difluorobenzene (Surr)	111		70 - 130	12/03/21 08:37	12/04/21 18:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0992		0.00402		mg/Kg			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:30	12/06/21 17:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 17:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	12/06/21 09:30	12/06/21 17:26	1
o-Terphenyl	131	S1+	70 - 130	12/06/21 09:30	12/06/21 17:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12900		101		mg/Kg			12/07/21 20:16	20

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy 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)
880-8922-1	S-1 (0-1')	79	96
880-8922-1 MS	S-1 (0-1')	515 S1+	93
880-8922-1 MSD	S-1 (0-1')	347 S1+	98
880-8922-2	S-1 (1-1.5')	112	92
880-8922-3	S-1 (2-2.5')	109	97
880-8922-4	S-1 (3-3.5')	108	89
880-8922-5	S-1 (4-4.5')	155 S1+	115
880-8922-6	S-2 (0-1')	105	95
880-8922-7	S-2 (1-1.5')	100	79
880-8922-8	S-2 (2-2.5')	125	95
880-8922-9	S-2 (3-3.5')	285 S1+	97
880-8922-10	S-2 (4-4.5')	123	97
880-8922-11	S-3(0-1')	138 S1+	79
880-8922-12	S-3 (1-1.5')	99	86
880-8922-13	S-3(2-2.5')	106	96
880-8922-14	S-3 (3-3.5')	119	97
880-8922-15	S-3 (4-4.5')	120	101
880-8922-16	S-4 (0-1')	147 S1+	95
880-8922-17	S-4 (1-1.5')	115	177 S1+
880-8922-18	S-4 (2-2.5')	129	101
880-8922-19	S- 4 (3-3.5')	108	94
880-8922-20	S-4 (4-4.5')	117	100
880-8922-21	S-5 (0-1')	151 S1+	76
880-8922-22	S-5 (1-1.5')	99	84
880-8922-23	S-5 (2-2.5')	100	84
880-8922-24	S-5 (3-3.5')	135 S1+	100
880-8922-25	S-5 (4-4.5)	154 S1+	111
880-8928-A-1-A MS	Matrix Spike	186 S1+	51 S1-
880-8928-A-1-B MSD	Matrix Spike Duplicate	162 S1+	110
LCS 880-13835/1-A	Lab Control Sample	113	95
LCS 880-13836/1-A	Lab Control Sample	115	100
LCS 880-13848/1-A	Lab Control Sample	100	103
LCSD 880-13835/2-A	Lab Control Sample Dup	107	95
LCSD 880-13836/2-A	Lab Control Sample Dup	116	98
LCSD 880-13848/2-A	Lab Control Sample Dup	99	101
MB 880-13830/5-A	Method Blank	122	107
MB 880-13835/5-A	Method Blank	127	100
MB 880-13836/5-A	Method Blank	122	97
MB 880-13847/5-A	Method Blank	57 S1-	95
MB 880-13848/5-A	Method Blank	105	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy 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	1CO1 (70-130)	OTPH1 (70-130)
880-8922-1	S-1 (0-1')	106	94
880-8922-2	S-1 (1-1.5')	80	85
880-8922-3	S-1 (2-2.5')	85	87
880-8922-4	S-1 (3-3.5)	89	93
880-8922-5	S-1 (4-4.5')	80	86
880-8922-6	S-2 (0-1')	69 S1-	98
880-8922-7	S-2 (1-1.5')	90	94
880-8922-8	S-2 (2-2.5')	90	94
880-8922-9	S-2 (3-3.5')	86	95
880-8922-10	S-2 (4-4.5')	86	95
880-8922-11	S-3 (0-1')	96	96
880-8922-12	S-3 (1-1.5')	92	103
880-8922-12 MS	S-3 (1-1.5')	89	85
880-8922-12 MSD	S-3 (1-1.5')	89	85
880-8922-13	S-3 (2-2.5')	104	117
880-8922-14	S-3 (3-3.5')	96	108
880-8922-15	S-3 (4-4.5')	100	110
880-8922-16	S-4 (0-1')	107	115
880-8922-17	S-4 (1-1.5')	95	106
880-8922-18	S-4 (2-2.5')	97	107
880-8922-19	S- 4 (3-3.5')	112	131 S1+
880-8922-20	S-4 (4-4.5')	102	115
880-8922-21	S-5 (0-1')	116	92
880-8922-22	S-5 (1-1.5')	103	112
880-8922-23	S-5 (2-2.5')	96	109
880-8922-24	S-5 (3-3.5)	100	112
880-8922-25	S-5 (4-4.5)	112	131 S1+
890-1621-A-60-D MS	Matrix Spike	81	84
890-1621-A-60-E MSD	Matrix Spike Duplicate	94	97
LCS 880-13813/2-A	Lab Control Sample	99	99
LCS 880-13950/2-A	Lab Control Sample	98	100
LCSD 880-13813/3-A	Lab Control Sample Dup	109	114
LCSD 880-13950/3-A	Lab Control Sample Dup	92	94
MB 880-13813/1-A	Method Blank	92	102
MB 880-13950/1-A	Method Blank	98	113

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-13830/5-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13830

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:00	12/03/21 11:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:00	12/03/21 11:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:00	12/03/21 11:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/03/21 08:00	12/03/21 11:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:00	12/03/21 11:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/03/21 08:00	12/03/21 11:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/03/21 08:00	12/03/21 11:18	1
1,4-Difluorobenzene (Surr)	107		70 - 130	12/03/21 08:00	12/03/21 11:18	1

Lab Sample ID: MB 880-13835/5-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13835

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 11:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 11:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 11:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/03/21 08:37	12/04/21 11:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 11:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/03/21 08:37	12/04/21 11:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	12/03/21 08:37	12/04/21 11:12	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/03/21 08:37	12/04/21 11:12	1

Lab Sample ID: LCS 880-13835/1-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13835

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08784		mg/Kg		88	70 - 130
Toluene	0.100	0.09459		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1002		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.1892		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09161		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-13835/2-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13835

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09171		mg/Kg		92	70 - 130	4	35

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-13835/2-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13835

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.08957		mg/Kg		90	70 - 130	5	35
Ethylbenzene	0.100	0.09137		mg/Kg		91	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1765		mg/Kg		88	70 - 130	7	35
o-Xylene	0.100	0.08837		mg/Kg		88	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-13836/5-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/03/21 23:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/03/21 23:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/03/21 23:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/03/21 08:39	12/03/21 23:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/03/21 23:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/03/21 08:39	12/03/21 23:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/03/21 08:39	12/03/21 23:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/03/21 08:39	12/03/21 23:37	1

Lab Sample ID: LCS 880-13836/1-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08792		mg/Kg		88	70 - 130
Toluene	0.100	0.09289		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.08887		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1767		mg/Kg		88	70 - 130
o-Xylene	0.100	0.09125		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-13836/2-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13836

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09512		mg/Kg		95	70 - 130	8	35
Toluene	0.100	0.09779		mg/Kg		98	70 - 130	5	35
Ethylbenzene	0.100	0.09586		mg/Kg		96	70 - 130	8	35

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QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-13836/2-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13836

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	0.200	0.1882		mg/Kg		94	70 - 130	6	35
o-Xylene	0.100	0.09235		mg/Kg		92	70 - 130	1	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	116		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: 880-8922-1 MS

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: S-1 (0-1')

Prep Type: Total/NA

Prep Batch: 13836

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0392	F1 F2	0.100	0.05723	F1	mg/Kg		18	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	515	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	93		70 - 130								

Lab Sample ID: 880-8922-1 MSD

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: S-1 (0-1')

Prep Type: Total/NA

Prep Batch: 13836

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0392	F1 F2	0.0998	0.03586	F1 F2	mg/Kg		-3	70 - 130	46	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	347	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	98		70 - 130								

Lab Sample ID: MB 880-13847/5-A

Matrix: Solid

Analysis Batch: 13920

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13847

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/03/21 09:47	12/05/21 04:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 09:47	12/05/21 04:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 09:47	12/05/21 04:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/03/21 09:47	12/05/21 04:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 09:47	12/05/21 04:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/03/21 09:47	12/05/21 04:51	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
4-Bromofluorobenzene (Surr)	57	S1-	70 - 130						
1,4-Difluorobenzene (Surr)	95		70 - 130						

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-13848/5-A

Matrix: Solid

Analysis Batch: 13920

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/03/21 09:52	12/05/21 18:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 09:52	12/05/21 18:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 09:52	12/05/21 18:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/03/21 09:52	12/05/21 18:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 09:52	12/05/21 18:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/03/21 09:52	12/05/21 18:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	12/03/21 09:52	12/05/21 18:30	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/03/21 09:52	12/05/21 18:30	1

Lab Sample ID: LCS 880-13848/1-A

Matrix: Solid

Analysis Batch: 13920

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08129		mg/Kg		81	70 - 130
Toluene	0.100	0.07144		mg/Kg		71	70 - 130
Ethylbenzene	0.100	0.07695		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.200	0.1680		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08341		mg/Kg		83	70 - 130

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

Lab Sample ID: LCSD 880-13848/2-A

Matrix: Solid

Analysis Batch: 13920

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13848

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07486		mg/Kg		75	70 - 130	8	35
Toluene	0.100	0.06979		mg/Kg		70	70 - 130	2	35
Ethylbenzene	0.100	0.07120		mg/Kg		71	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1539		mg/Kg		77	70 - 130	9	35
o-Xylene	0.100	0.07782		mg/Kg		78	70 - 130	7	35

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

Lab Sample ID: 880-8928-A-1-A MS

Matrix: Solid

Analysis Batch: 13920

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 13848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0424	F1	0.0990	1.530	F1	mg/Kg		1503	70 - 130
Toluene	0.661	F2	0.0990	2.274	4	mg/Kg		1629	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-8928-A-1-A MS

Matrix: Solid

Analysis Batch: 13920

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 13848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	1.20	F2	0.0990	2.773	4	mg/Kg		1588	70 - 130
m-Xylene & p-Xylene	4.69		0.198	8.004	4	mg/Kg		1673	70 - 130
o-Xylene	0.115	F1	0.0990	1.812	F1	mg/Kg		1714	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	186	S1+	70 - 130
1,4-Difluorobenzene (Surr)	51	S1-	70 - 130

Lab Sample ID: 880-8928-A-1-B MSD

Matrix: Solid

Analysis Batch: 13920

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 13848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.0424	F1	0.0996	1.606	F1	mg/Kg		1570	70 - 130	5	35
Toluene	0.661	F2	0.0996	3.922	4 F2	mg/Kg		3274	70 - 130	53	35
Ethylbenzene	1.20	F2	0.0996	5.131	4 F2	mg/Kg		3946	70 - 130	60	35
m-Xylene & p-Xylene	4.69		0.199	9.835	4	mg/Kg		2582	70 - 130	21	35
o-Xylene	0.115	F1	0.0996	1.684	F1	mg/Kg		1575	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

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

Lab Sample ID: MB 880-13813/1-A

Matrix: Solid

Analysis Batch: 13827

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13813

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		12/02/21 17:15	12/03/21 18:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/03/21 18:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 17:15	12/03/21 18:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	12/02/21 17:15	12/03/21 18:57	1
o-Terphenyl	102		70 - 130	12/02/21 17:15	12/03/21 18:57	1

Lab Sample ID: LCS 880-13813/2-A

Matrix: Solid

Analysis Batch: 13827

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13813

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	897.8		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	903.0		mg/Kg		90	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-13813/2-A

Matrix: Solid

Analysis Batch: 13827

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13813

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: LCSD 880-13813/3-A

Matrix: Solid

Analysis Batch: 13827

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13813

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	848.7		mg/Kg		85	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	832.9		mg/Kg		83	70 - 130	8	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: 890-1621-A-60-D MS

Matrix: Solid

Analysis Batch: 13827

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 13813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	997	1046		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	869.4		mg/Kg		87	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: 890-1621-A-60-E MSD

Matrix: Solid

Analysis Batch: 13827

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 13813

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 F1 F2	999	1450	F1 F2	mg/Kg		143	70 - 130	32	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1023		mg/Kg		102	70 - 130	16	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	97		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-13950/1-A

Matrix: Solid

Analysis Batch: 13935

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13950

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		12/06/21 09:30	12/06/21 10:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 10:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/21 09:30	12/06/21 10:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	12/06/21 09:30	12/06/21 10:43	1
o-Terphenyl	113		70 - 130	12/06/21 09:30	12/06/21 10:43	1

Lab Sample ID: LCS 880-13950/2-A

Matrix: Solid

Analysis Batch: 13935

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13950

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	853.0		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	936.2		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: LCSD 880-13950/3-A

Matrix: Solid

Analysis Batch: 13935

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13950

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	846.3		mg/Kg		85	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	883.6		mg/Kg		88	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 880-8922-12 MS

Matrix: Solid

Analysis Batch: 13935

Client Sample ID: S-3 (1-1.5')

Prep Type: Total/NA

Prep Batch: 13950

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	997	1074		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1124		mg/Kg		113	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-8922-12 MS

Matrix: Solid

Analysis Batch: 13935

Client Sample ID: S-3 (1-1.5')

Prep Type: Total/NA

Prep Batch: 13950

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: 880-8922-12 MSD

Matrix: Solid

Analysis Batch: 13935

Client Sample ID: S-3 (1-1.5')

Prep Type: Total/NA

Prep Batch: 13950

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	1058		mg/Kg		104	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1118		mg/Kg		112	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	85		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-14037/1-A

Matrix: Solid

Analysis Batch: 14116

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			12/06/21 22:55	1

Lab Sample ID: LCS 880-14037/2-A

Matrix: Solid

Analysis Batch: 14116

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253.2		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-14037/3-A

Matrix: Solid

Analysis Batch: 14116

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	249.4		mg/Kg		100	90 - 110	2	20

Lab Sample ID: 880-8922-1 MS

Matrix: Solid

Analysis Batch: 14116

Client Sample ID: S-1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	813	F1	249	1033	F1	mg/Kg		88	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-8922-1 MSD

Matrix: Solid

Analysis Batch: 14116

Client Sample ID: S-1 (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	813	F1	249	1028	F1	mg/Kg		86	90 - 110	0	20

Lab Sample ID: MB 880-14040/1-A

Matrix: Solid

Analysis Batch: 14185

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			12/07/21 14:45	1

Lab Sample ID: LCS 880-14040/2-A

Matrix: Solid

Analysis Batch: 14185

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	246.7		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-14040/3-A

Matrix: Solid

Analysis Batch: 14185

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	246.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-8922-7 MS

Matrix: Solid

Analysis Batch: 14185

Client Sample ID: S-2 (1-1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	11100		2490	12730	4	mg/Kg		66	90 - 110

Lab Sample ID: 880-8922-7 MSD

Matrix: Solid

Analysis Batch: 14185

Client Sample ID: S-2 (1-1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	11100		2490	13740	4	mg/Kg		106	90 - 110	8	20

Lab Sample ID: 880-8922-17 MS

Matrix: Solid

Analysis Batch: 14185

Client Sample ID: S-4 (1-1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	953		248	1193		mg/Kg		97	90 - 110

Lab Sample ID: 880-8922-17 MSD

Matrix: Solid

Analysis Batch: 14185

Client Sample ID: S-4 (1-1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	953		248	1218		mg/Kg		107	90 - 110	2	20

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 13830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-13830/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 13832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-1	S-1 (0-1')	Total/NA	Solid	8021B	13836
880-8922-2	S-1 (1-1.5')	Total/NA	Solid	8021B	13836
880-8922-3	S-1 (2-2.5')	Total/NA	Solid	8021B	13836
880-8922-4	S-1 (3-3.5')	Total/NA	Solid	8021B	13836
880-8922-5	S-1 (4-4.5')	Total/NA	Solid	8021B	13836
880-8922-6	S-2 (0-1')	Total/NA	Solid	8021B	13836
880-8922-7	S-2 (1-1.5')	Total/NA	Solid	8021B	13836
880-8922-8	S-2 (2-2.5')	Total/NA	Solid	8021B	13836
880-8922-9	S-2 (3-3.5')	Total/NA	Solid	8021B	13836
880-8922-10	S-2 (4-4.5')	Total/NA	Solid	8021B	13836
880-8922-11	S-3(0-1')	Total/NA	Solid	8021B	13836
880-8922-12	S-3 (1-1.5')	Total/NA	Solid	8021B	13836
880-8922-13	S-3(2-2.5')	Total/NA	Solid	8021B	13836
880-8922-14	S-3 (3-3.5')	Total/NA	Solid	8021B	13836
880-8922-15	S-3 (4-4.5')	Total/NA	Solid	8021B	13836
880-8922-16	S-4 (0-1')	Total/NA	Solid	8021B	13836
880-8922-17	S-4 (1-1.5')	Total/NA	Solid	8021B	13836
880-8922-18	S-4 (2-2.5')	Total/NA	Solid	8021B	13836
880-8922-19	S- 4 (3-3.5')	Total/NA	Solid	8021B	13836
880-8922-20	S-4 (4-4.5')	Total/NA	Solid	8021B	13836
880-8922-21	S-5 (0-1')	Total/NA	Solid	8021B	13835
880-8922-22	S-5 (1-1.5')	Total/NA	Solid	8021B	13835
880-8922-23	S-5 (2-2.5')	Total/NA	Solid	8021B	13835
880-8922-24	S-5 (3-3.5')	Total/NA	Solid	8021B	13835
880-8922-25	S-5 (4-4.5')	Total/NA	Solid	8021B	13835
MB 880-13830/5-A	Method Blank	Total/NA	Solid	8021B	13830
MB 880-13835/5-A	Method Blank	Total/NA	Solid	8021B	13835
MB 880-13836/5-A	Method Blank	Total/NA	Solid	8021B	13836
LCS 880-13835/1-A	Lab Control Sample	Total/NA	Solid	8021B	13835
LCS 880-13836/1-A	Lab Control Sample	Total/NA	Solid	8021B	13836
LCSD 880-13835/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13835
LCSD 880-13836/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13836
880-8922-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	13836
880-8922-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	13836

Prep Batch: 13835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-21	S-5 (0-1')	Total/NA	Solid	5035	
880-8922-22	S-5 (1-1.5')	Total/NA	Solid	5035	
880-8922-23	S-5 (2-2.5')	Total/NA	Solid	5035	
880-8922-24	S-5 (3-3.5')	Total/NA	Solid	5035	
880-8922-25	S-5 (4-4.5')	Total/NA	Solid	5035	
MB 880-13835/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13835/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13835/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 13836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-1	S-1 (0-1')	Total/NA	Solid	5035	
880-8922-2	S-1 (1-1.5')	Total/NA	Solid	5035	
880-8922-3	S-1 (2-2.5')	Total/NA	Solid	5035	
880-8922-4	S-1 (3-3.5')	Total/NA	Solid	5035	
880-8922-5	S-1 (4-4.5')	Total/NA	Solid	5035	
880-8922-6	S-2 (0-1')	Total/NA	Solid	5035	
880-8922-7	S-2 (1-1.5')	Total/NA	Solid	5035	
880-8922-8	S-2 (2-2.5')	Total/NA	Solid	5035	
880-8922-9	S-2 (3-3.5')	Total/NA	Solid	5035	
880-8922-10	S-2 (4-4.5')	Total/NA	Solid	5035	
880-8922-11	S-3(0-1')	Total/NA	Solid	5035	
880-8922-12	S-3 (1-1.5')	Total/NA	Solid	5035	
880-8922-13	S-3(2-2.5')	Total/NA	Solid	5035	
880-8922-14	S-3 (3-3.5')	Total/NA	Solid	5035	
880-8922-15	S-3 (4-4.5')	Total/NA	Solid	5035	
880-8922-16	S-4 (0-1')	Total/NA	Solid	5035	
880-8922-17	S-4 (1-1.5')	Total/NA	Solid	5035	
880-8922-18	S-4 (2-2.5')	Total/NA	Solid	5035	
880-8922-19	S- 4 (3-3.5')	Total/NA	Solid	5035	
880-8922-20	S-4 (4-4.5')	Total/NA	Solid	5035	
MB 880-13836/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13836/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13836/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-8922-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-8922-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 13847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-13847/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 13848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-13848/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13848/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13848/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-8928-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-8928-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 13920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-11	S-3(0-1')	Total/NA	Solid	8021B	13836
880-8922-21	S-5 (0-1')	Total/NA	Solid	8021B	13835
MB 880-13847/5-A	Method Blank	Total/NA	Solid	8021B	13847
MB 880-13848/5-A	Method Blank	Total/NA	Solid	8021B	13848
LCS 880-13848/1-A	Lab Control Sample	Total/NA	Solid	8021B	13848
LCSD 880-13848/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13848
880-8928-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	13848
880-8928-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	13848

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 14146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-8922-2	S-1 (1-1.5')	Total/NA	Solid	Total BTEX	
880-8922-3	S-1 (2-2.5')	Total/NA	Solid	Total BTEX	
880-8922-4	S-1 (3-3.5')	Total/NA	Solid	Total BTEX	
880-8922-5	S-1 (4-4.5')	Total/NA	Solid	Total BTEX	
880-8922-6	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-8922-7	S-2 (1-1.5')	Total/NA	Solid	Total BTEX	
880-8922-8	S-2 (2-2.5')	Total/NA	Solid	Total BTEX	
880-8922-9	S-2 (3-3.5')	Total/NA	Solid	Total BTEX	
880-8922-10	S-2 (4-4.5')	Total/NA	Solid	Total BTEX	
880-8922-11	S-3(0-1')	Total/NA	Solid	Total BTEX	
880-8922-12	S-3 (1-1.5')	Total/NA	Solid	Total BTEX	
880-8922-13	S-3(2-2.5')	Total/NA	Solid	Total BTEX	
880-8922-14	S-3 (3-3.5')	Total/NA	Solid	Total BTEX	
880-8922-15	S-3 (4-4.5')	Total/NA	Solid	Total BTEX	
880-8922-16	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-8922-17	S-4 (1-1.5')	Total/NA	Solid	Total BTEX	
880-8922-18	S-4 (2-2.5')	Total/NA	Solid	Total BTEX	
880-8922-19	S- 4 (3-3.5')	Total/NA	Solid	Total BTEX	
880-8922-20	S-4 (4-4.5')	Total/NA	Solid	Total BTEX	
880-8922-21	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-8922-22	S-5 (1-1.5')	Total/NA	Solid	Total BTEX	
880-8922-23	S-5 (2-2.5')	Total/NA	Solid	Total BTEX	
880-8922-24	S-5 (3-3.5')	Total/NA	Solid	Total BTEX	
880-8922-25	S-5 (4-4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 13813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-8922-2	S-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-8922-3	S-1 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-8922-4	S-1 (3-3.5)	Total/NA	Solid	8015NM Prep	
880-8922-5	S-1 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-8922-6	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-8922-7	S-2 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-8922-8	S-2 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-8922-9	S-2 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-8922-10	S-2 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-8922-11	S-3(0-1')	Total/NA	Solid	8015NM Prep	
MB 880-13813/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13813/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13813/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1621-A-60-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1621-A-60-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 13827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-1	S-1 (0-1')	Total/NA	Solid	8015B NM	13813
880-8922-2	S-1 (1-1.5')	Total/NA	Solid	8015B NM	13813

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 13827 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-3	S-1 (2-2.5')	Total/NA	Solid	8015B NM	13813
880-8922-4	S-1 (3-3.5)	Total/NA	Solid	8015B NM	13813
880-8922-5	S-1 (4-4.5')	Total/NA	Solid	8015B NM	13813
880-8922-6	S-2 (0-1')	Total/NA	Solid	8015B NM	13813
880-8922-7	S-2 (1-1.5')	Total/NA	Solid	8015B NM	13813
880-8922-8	S-2 (2-2.5')	Total/NA	Solid	8015B NM	13813
880-8922-9	S-2 (3-3.5')	Total/NA	Solid	8015B NM	13813
880-8922-10	S-2 (4-4.5')	Total/NA	Solid	8015B NM	13813
880-8922-11	S-3 (0-1')	Total/NA	Solid	8015B NM	13813
MB 880-13813/1-A	Method Blank	Total/NA	Solid	8015B NM	13813
LCS 880-13813/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13813
LCSD 880-13813/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13813
890-1621-A-60-D MS	Matrix Spike	Total/NA	Solid	8015B NM	13813
890-1621-A-60-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	13813

Analysis Batch: 13935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-12	S-3 (1-1.5')	Total/NA	Solid	8015B NM	13950
880-8922-13	S-3 (2-2.5')	Total/NA	Solid	8015B NM	13950
880-8922-14	S-3 (3-3.5')	Total/NA	Solid	8015B NM	13950
880-8922-15	S-3 (4-4.5')	Total/NA	Solid	8015B NM	13950
880-8922-16	S-4 (0-1')	Total/NA	Solid	8015B NM	13950
880-8922-17	S-4 (1-1.5')	Total/NA	Solid	8015B NM	13950
880-8922-18	S-4 (2-2.5')	Total/NA	Solid	8015B NM	13950
880-8922-19	S-4 (3-3.5')	Total/NA	Solid	8015B NM	13950
880-8922-20	S-4 (4-4.5')	Total/NA	Solid	8015B NM	13950
880-8922-21	S-5 (0-1')	Total/NA	Solid	8015B NM	13950
880-8922-22	S-5 (1-1.5')	Total/NA	Solid	8015B NM	13950
880-8922-23	S-5 (2-2.5')	Total/NA	Solid	8015B NM	13950
880-8922-24	S-5 (3-3.5)	Total/NA	Solid	8015B NM	13950
880-8922-25	S-5 (4-4.5)	Total/NA	Solid	8015B NM	13950
MB 880-13950/1-A	Method Blank	Total/NA	Solid	8015B NM	13950
LCS 880-13950/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13950
LCSD 880-13950/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13950
880-8922-12 MS	S-3 (1-1.5')	Total/NA	Solid	8015B NM	13950
880-8922-12 MSD	S-3 (1-1.5')	Total/NA	Solid	8015B NM	13950

Prep Batch: 13950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-12	S-3 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-8922-13	S-3 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-8922-14	S-3 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-8922-15	S-3 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-8922-16	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-8922-17	S-4 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-8922-18	S-4 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-8922-19	S-4 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-8922-20	S-4 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-8922-21	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-8922-22	S-5 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-8922-23	S-5 (2-2.5')	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 13950 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-24	S-5 (3-3.5)	Total/NA	Solid	8015NM Prep	
880-8922-25	S-5 (4-4.5)	Total/NA	Solid	8015NM Prep	
MB 880-13950/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13950/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13950/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-8922-12 MS	S-3 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-8922-12 MSD	S-3 (1-1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 14112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-8922-2	S-1 (1-1.5')	Total/NA	Solid	8015 NM	
880-8922-3	S-1 (2-2.5')	Total/NA	Solid	8015 NM	
880-8922-4	S-1 (3-3.5)	Total/NA	Solid	8015 NM	
880-8922-5	S-1 (4-4.5')	Total/NA	Solid	8015 NM	
880-8922-6	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-8922-7	S-2 (1-1.5')	Total/NA	Solid	8015 NM	
880-8922-8	S-2 (2-2.5')	Total/NA	Solid	8015 NM	
880-8922-9	S-2 (3-3.5')	Total/NA	Solid	8015 NM	
880-8922-10	S-2 (4-4.5')	Total/NA	Solid	8015 NM	
880-8922-11	S-3(0-1')	Total/NA	Solid	8015 NM	
880-8922-12	S-3 (1-1.5')	Total/NA	Solid	8015 NM	
880-8922-13	S-3(2-2.5')	Total/NA	Solid	8015 NM	
880-8922-14	S-3 (3-3.5')	Total/NA	Solid	8015 NM	
880-8922-15	S-3 (4-4.5')	Total/NA	Solid	8015 NM	
880-8922-16	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-8922-17	S-4 (1-1.5')	Total/NA	Solid	8015 NM	
880-8922-18	S-4 (2-2.5')	Total/NA	Solid	8015 NM	
880-8922-19	S- 4 (3-3.5')	Total/NA	Solid	8015 NM	
880-8922-20	S-4 (4-4.5')	Total/NA	Solid	8015 NM	
880-8922-21	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-8922-22	S-5 (1-1.5')	Total/NA	Solid	8015 NM	
880-8922-23	S-5 (2-2.5')	Total/NA	Solid	8015 NM	
880-8922-24	S-5 (3-3.5)	Total/NA	Solid	8015 NM	
880-8922-25	S-5 (4-4.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 14037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-8922-2	S-1 (1-1.5')	Soluble	Solid	DI Leach	
880-8922-3	S-1 (2-2.5')	Soluble	Solid	DI Leach	
880-8922-4	S-1 (3-3.5)	Soluble	Solid	DI Leach	
880-8922-5	S-1 (4-4.5')	Soluble	Solid	DI Leach	
880-8922-6	S-2 (0-1')	Soluble	Solid	DI Leach	
MB 880-14037/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-14037/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-14037/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-8922-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-8922-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

HPLC/IC

Leach Batch: 14040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-7	S-2 (1-1.5')	Soluble	Solid	DI Leach	
880-8922-8	S-2 (2-2.5')	Soluble	Solid	DI Leach	
880-8922-9	S-2 (3-3.5')	Soluble	Solid	DI Leach	
880-8922-10	S-2 (4-4.5')	Soluble	Solid	DI Leach	
880-8922-11	S-3 (0-1')	Soluble	Solid	DI Leach	
880-8922-12	S-3 (1-1.5')	Soluble	Solid	DI Leach	
880-8922-13	S-3 (2-2.5')	Soluble	Solid	DI Leach	
880-8922-14	S-3 (3-3.5')	Soluble	Solid	DI Leach	
880-8922-15	S-3 (4-4.5')	Soluble	Solid	DI Leach	
880-8922-16	S-4 (0-1')	Soluble	Solid	DI Leach	
880-8922-17	S-4 (1-1.5')	Soluble	Solid	DI Leach	
880-8922-18	S-4 (2-2.5')	Soluble	Solid	DI Leach	
880-8922-19	S-4 (3-3.5')	Soluble	Solid	DI Leach	
880-8922-20	S-4 (4-4.5')	Soluble	Solid	DI Leach	
880-8922-21	S-5 (0-1')	Soluble	Solid	DI Leach	
880-8922-22	S-5 (1-1.5')	Soluble	Solid	DI Leach	
880-8922-23	S-5 (2-2.5')	Soluble	Solid	DI Leach	
880-8922-24	S-5 (3-3.5')	Soluble	Solid	DI Leach	
880-8922-25	S-5 (4-4.5')	Soluble	Solid	DI Leach	
MB 880-14040/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-14040/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-14040/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-8922-7 MS	S-2 (1-1.5')	Soluble	Solid	DI Leach	
880-8922-7 MSD	S-2 (1-1.5')	Soluble	Solid	DI Leach	
880-8922-17 MS	S-4 (1-1.5')	Soluble	Solid	DI Leach	
880-8922-17 MSD	S-4 (1-1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 14116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-1	S-1 (0-1')	Soluble	Solid	300.0	14037
880-8922-2	S-1 (1-1.5')	Soluble	Solid	300.0	14037
880-8922-3	S-1 (2-2.5')	Soluble	Solid	300.0	14037
880-8922-4	S-1 (3-3.5')	Soluble	Solid	300.0	14037
880-8922-5	S-1 (4-4.5')	Soluble	Solid	300.0	14037
880-8922-6	S-2 (0-1')	Soluble	Solid	300.0	14037
MB 880-14037/1-A	Method Blank	Soluble	Solid	300.0	14037
LCS 880-14037/2-A	Lab Control Sample	Soluble	Solid	300.0	14037
LCSD 880-14037/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	14037
880-8922-1 MS	S-1 (0-1')	Soluble	Solid	300.0	14037
880-8922-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	14037

Analysis Batch: 14185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-7	S-2 (1-1.5')	Soluble	Solid	300.0	14040
880-8922-8	S-2 (2-2.5')	Soluble	Solid	300.0	14040
880-8922-9	S-2 (3-3.5')	Soluble	Solid	300.0	14040
880-8922-10	S-2 (4-4.5')	Soluble	Solid	300.0	14040
880-8922-11	S-3 (0-1')	Soluble	Solid	300.0	14040
880-8922-12	S-3 (1-1.5')	Soluble	Solid	300.0	14040
880-8922-13	S-3 (2-2.5')	Soluble	Solid	300.0	14040
880-8922-14	S-3 (3-3.5')	Soluble	Solid	300.0	14040

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 14185 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8922-15	S-3 (4-4.5')	Soluble	Solid	300.0	14040
880-8922-16	S-4 (0-1')	Soluble	Solid	300.0	14040
880-8922-17	S-4 (1-1.5')	Soluble	Solid	300.0	14040
880-8922-18	S-4 (2-2.5')	Soluble	Solid	300.0	14040
880-8922-19	S- 4 (3-3.5')	Soluble	Solid	300.0	14040
880-8922-20	S-4 (4-4.5')	Soluble	Solid	300.0	14040
880-8922-21	S-5 (0-1')	Soluble	Solid	300.0	14040
880-8922-22	S-5 (1-1.5')	Soluble	Solid	300.0	14040
880-8922-23	S-5 (2-2.5')	Soluble	Solid	300.0	14040
880-8922-24	S-5 (3-3.5)	Soluble	Solid	300.0	14040
880-8922-25	S-5 (4-4.5)	Soluble	Solid	300.0	14040
MB 880-14040/1-A	Method Blank	Soluble	Solid	300.0	14040
LCS 880-14040/2-A	Lab Control Sample	Soluble	Solid	300.0	14040
LCSD 880-14040/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	14040
880-8922-7 MS	S-2 (1-1.5')	Soluble	Solid	300.0	14040
880-8922-7 MSD	S-2 (1-1.5')	Soluble	Solid	300.0	14040
880-8922-17 MS	S-4 (1-1.5')	Soluble	Solid	300.0	14040
880-8922-17 MSD	S-4 (1-1.5')	Soluble	Solid	300.0	14040

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-8922-1

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 00:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/03/21 23:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14037	12/06/21 11:53	CA	XEN MID
Soluble	Analysis	300.0		1			14116	12/06/21 23:29	CH	XEN MID

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-8922-2

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 00:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/04/21 00:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	14037	12/06/21 11:53	CA	XEN MID
Soluble	Analysis	300.0		1			14116	12/07/21 00:04	CH	XEN MID

Client Sample ID: S-1 (2-2.5')

Lab Sample ID: 880-8922-3

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 00:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/04/21 00:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	14037	12/06/21 11:53	CA	XEN MID
Soluble	Analysis	300.0		1			14116	12/07/21 00:15	CH	XEN MID

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 880-8922-4

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 01:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 880-8922-4

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/04/21 01:08	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14037	12/06/21 11:53	CA	XEN MID
Soluble	Analysis	300.0		1			14116	12/07/21 00:26	CH	XEN MID

Client Sample ID: S-1 (4-4.5')

Lab Sample ID: 880-8922-5

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 01:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/04/21 01:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14037	12/06/21 11:53	CA	XEN MID
Soluble	Analysis	300.0		1			14116	12/07/21 00:38	CH	XEN MID

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-8922-6

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 01:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		5			13827	12/04/21 01:49	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	14037	12/06/21 11:53	CA	XEN MID
Soluble	Analysis	300.0		10			14116	12/07/21 01:12	CH	XEN MID

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-8922-7

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 02:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/04/21 02:10	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-8922-7

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		10			14185	12/07/21 15:19	CH	XEN MID

Client Sample ID: S-2 (2-2.5')

Lab Sample ID: 880-8922-8

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 02:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/04/21 02:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 15:53	CH	XEN MID

Client Sample ID: S-2 (3-3.5')

Lab Sample ID: 880-8922-9

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 02:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/04/21 02:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 16:04	CH	XEN MID

Client Sample ID: S-2 (4-4.5')

Lab Sample ID: 880-8922-10

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 03:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/04/21 03:13	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 16:16	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-3(0-1')

Lab Sample ID: 880-8922-11

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 05:00	KL	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	13920	12/06/21 09:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	13813	12/02/21 17:15	DM	XEN MID
Total/NA	Analysis	8015B NM		5			13827	12/04/21 03:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		10			14185	12/07/21 16:27	CH	XEN MID

Client Sample ID: S-3 (1-1.5')

Lab Sample ID: 880-8922-12

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 05:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 11:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 17:01	CH	XEN MID

Client Sample ID: S-3(2-2.5')

Lab Sample ID: 880-8922-13

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 05:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 12:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 17:13	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (3-3.5')

Lab Sample ID: 880-8922-14

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 06:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 13:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 17:24	CH	XEN MID

Client Sample ID: S-3 (4-4.5')

Lab Sample ID: 880-8922-15

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 06:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 13:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 17:36	CH	XEN MID

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-8922-16

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 06:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 13:55	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		1			14185	12/07/21 17:47	CH	XEN MID

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 880-8922-17

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 07:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 880-8922-17

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 14:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		1			14185	12/07/21 17:59	CH	XEN MID

Client Sample ID: S-4 (2-2.5')

Lab Sample ID: 880-8922-18

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 07:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 14:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		5			14185	12/07/21 18:33	CH	XEN MID

Client Sample ID: S- 4 (3-3.5')

Lab Sample ID: 880-8922-19

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 07:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 18:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		10			14185	12/07/21 18:44	CH	XEN MID

Client Sample ID: S-4 (4-4.5')

Lab Sample ID: 880-8922-20

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13836	12/03/21 08:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 08:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 19:11	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (4-4.5')

Lab Sample ID: 880-8922-20

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 19:19	CH	XEN MID

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-8922-21

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 17:36	KL	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	13920	12/06/21 09:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 19:33	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		10			14185	12/07/21 19:30	CH	XEN MID

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 880-8922-22

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 17:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 16:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 19:41	CH	XEN MID

Client Sample ID: S-5 (2-2.5')

Lab Sample ID: 880-8922-23

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 18:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 16:44	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (2-2.5')

Lab Sample ID: 880-8922-23

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 19:53	CH	XEN MID

Client Sample ID: S-5 (3-3.5)

Lab Sample ID: 880-8922-24

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 18:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 17:05	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 20:04	CH	XEN MID

Client Sample ID: S-5 (4-4.5)

Lab Sample ID: 880-8922-25

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:45

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	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 18:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13950	12/06/21 09:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13935	12/06/21 17:26	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	14040	12/06/21 11:59	CA	XEN MID
Soluble	Analysis	300.0		20			14185	12/07/21 20:16	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy 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: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy 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

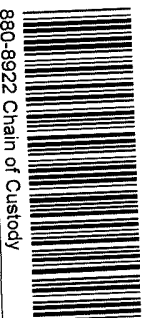
Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8922-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-8922-1	S-1 (0-1')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-2	S-1 (1-1.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-3	S-1 (2-2.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-4	S-1 (3-3.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-5	S-1 (4-4.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-6	S-2 (0-1')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-7	S-2 (1-1.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-8	S-2 (2-2.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-9	S-2 (3-3.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-10	S-2 (4-4.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-11	S-3(0-1')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-12	S-3 (1-1.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-13	S-3(2-2.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-14	S-3 (3-3.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-15	S-3 (4-4.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-16	S-4 (0-1')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-17	S-4 (1-1.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-18	S-4 (2-2.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-19	S- 4 (3-3.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-20	S-4 (4-4.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-21	S-5 (0-1')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-22	S-5 (1-1.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-23	S-5 (2-2.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-24	S-5 (3-3.5')	Solid	12/02/21 00:00	12/02/21 16:45
880-8922-25	S-5 (4-4.5')	Solid	12/02/21 00:00	12/02/21 16:45



Charles C. Stod



880-8922 Chain of Custody

Page 1 of 3

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 Inertfund
State of Project:	
Reporting Level II	Level III PST/UST RRP Level IV
Deliverables EDD	ADAPT Other

Project Name	Martha AIK Fed 13H	Turn Around	Project Number	214937	Due Date	72 Hours	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Location	Eddy Co. NM	Due Date	Sample's Name	AT	TAT starts the day received by the lab if received by 4:30pm					None NO DI Water H ₂ O
PO #			Temp Blank	(Yes) No	Thermometer ID	Yes (No)				Cool Cool MeOH Me
SAMPLE RECEIPT			Wet Ice	(Yes) No						HCL HC HNO ₃ HN
Received Inact:			Correction Factor							H ₂ SO ₄ H ₂ NaOH Na
Cooler Custody Seals:	Yes No		Temperature Reading:							H ₃ PO ₄ HP
Sample Custody Seals:	Yes No		Corrected Temperature							NaHSO ₄ NABIS
Total Containers										Na ₂ S ₂ O ₃ NaSO ₃
										Zn Acetate+NaOH Zn
										NaOH+Ascorbic Acid SAPC
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
S-1 (0-1')	12/2/2021		X		G	1	X	X	X	
S-1 (1-1.5')	12/2/2021		X		G	1	X	X	X	
S-1 (2-2.5')	12/2/2021		X		G	1	X	X	X	
S-1 (3-3.5')	12/2/2021		X		G	1	X	X	X	
S-1 (4-4.5')	12/2/2021		X		G	1	X	X	X	
S-2 (0-1')	12/2/2021		X		G	1	X	X	X	
S-2 (1-1.5')	12/2/2021		X		G	1	X	X	X	
S-2 (2-2.5')	12/2/2021		X		G	1	X	X	X	
S-2 (3-3.5')	12/2/2021		X		G	1	X	X	X	
S-2 (4-4.5')	12/2/2021		X		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. If assigns standard terms and conditions of service, Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1	2	12/2/21 16:34	3	4	
5	6				

Revised Date 05/12/20 Rev 2020.1



Xenoco Customer

Work Order No:

8922

Page 2 of 3

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	Martha AIK Fed 13H	Turn Around	Project Code	ANALYSIS REQUEST												Preservative Codes				
Project Number	214937	☐ Routine ☒ Rush														None NO DI Water H ₂ O				
Project Location	Eddy 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	Type Blank	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐													H ₃ PO ₄ HP	
Received Intact:	Yes ☒ No ☐	Correction Factor														NaHSO ₄ NABIS				
Cooler Custody Seals	Yes ☒ No ☐	Temperature Reading														Na ₂ S ₂ O ₃ NaSO ₃				
Sample Custody Seals	Yes ☒ No ☐	Corrected Temperature														Zn Acetate+NaOH Zn				
Total Containers																NaOH+Ascorbic Acid SAPC				
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
S-3 (0-1')	12/2/2021		X		G	1	X	X	X											
S-3 (1-1.5')	12/2/2021		X		G	1	X	X	X											
S-3 (2-2.5')	12/2/2021		X		G	1	X	X	X											
S-3 (3-3.5')	12/2/2021		X		G	1	X	X	X											
S-3 (4-4.5')	12/2/2021		X		G	1	X	X	X											
S-4 (0-1')	12/2/2021		X		G	1	X	X	X											
S-4 (1-1.5')	12/2/2021		X		G	1	X	X	X											
S-4 (2-2.5')	12/2/2021		X		G	1	X	X	X											
S-4 (3-3.5')	12/2/2021		X		G	1	X	X	X											
S-4 (4-4.5')	12/2/2021		X		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 Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenoco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenoco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenoco, 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

Revised Date 05012020 Rev 2020.1



Chain of Custody

Work Order No: 09-00

Page _____ of _____

Project Manager	Mike Cammons	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
State of Project:			☐ Superfund
Reporting Level II	☐ Level III	☐ PST/UST	☐ RRP
Level IV	☐		
Deliverables	EDD ☐	Adapt ☐	Other

[illegible]

Additoinal Comments:

notice signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed; these terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	12/2/21 10:34			
2					
3					
4					
5					

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-8922-1

SDG Number: Eddy Co, NM

Login Number: 8922

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-8923-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Martha AIK Fed 13H

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:
12/7/2021 5:12:34 PM

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

LINKS

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www.eurofinsus.com/Env

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: Martha AIK Fed 13H

Laboratory Job ID: 880-8923-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

Job ID: 880-8923-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-8923-1****Receipt**

The samples were received on 12/2/2021 4:34 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 2.5°C

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-13949 and analytical batch 880-13938 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-13949/2-A) and (890-1669-A-1-D MS). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-14168 and analytical batch 880-14169 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: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-8923-1

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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		12/03/21 08:37	12/04/21 14:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 14:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 14:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/03/21 08:37	12/04/21 14:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 14:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/03/21 08:37	12/04/21 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	217	S1+	70 - 130	12/03/21 08:37	12/04/21 14:04	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/03/21 08:37	12/04/21 14:04	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			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:26	12/06/21 16:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/21 09:26	12/06/21 16:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/21 09:26	12/06/21 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130	12/06/21 09:26	12/06/21 16:23	1
o-Terphenyl	65	S1-	70 - 130	12/06/21 09:26	12/06/21 16:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.18		4.97		mg/Kg			12/07/21 10:44	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-8923-2

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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		12/03/21 08:37	12/04/21 14:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/03/21 08:37	12/04/21 14:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/03/21 08:37	12/04/21 14:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/03/21 08:37	12/04/21 14:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/03/21 08:37	12/04/21 14:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/03/21 08:37	12/04/21 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	12/03/21 08:37	12/04/21 14:24	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/03/21 08:37	12/04/21 14:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-8923-2

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:26	12/06/21 16:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/21 09:26	12/06/21 16:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/21 09:26	12/06/21 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				12/06/21 09:26	12/06/21 16:44	1
o-Terphenyl	68	S1-	70 - 130				12/06/21 09:26	12/06/21 16:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.58		4.98		mg/Kg			12/07/21 10:52	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-8923-3

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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		12/03/21 08:37	12/04/21 14:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 14:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 14:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/03/21 08:37	12/04/21 14:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 14:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/03/21 08:37	12/04/21 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				12/03/21 08:37	12/04/21 14:45	1
1,4-Difluorobenzene (Surr)	108		70 - 130				12/03/21 08:37	12/04/21 14:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:26	12/06/21 17:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/06/21 09:26	12/06/21 17:05	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-8923-3

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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		12/06/21 09:26	12/06/21 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				12/06/21 09:26	12/06/21 17:05	1
o-Terphenyl	66	S1-	70 - 130				12/06/21 09:26	12/06/21 17:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			12/07/21 11:00	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-8923-4

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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		12/03/21 08:37	12/04/21 16:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 16:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 16:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/03/21 08:37	12/04/21 16:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 16:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/03/21 08:37	12/04/21 16:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				12/03/21 08:37	12/04/21 16:35	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/03/21 08:37	12/04/21 16:35	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			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:26	12/06/21 17:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/21 09:26	12/06/21 17:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/21 09:26	12/06/21 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				12/06/21 09:26	12/06/21 17:26	1
o-Terphenyl	64	S1-	70 - 130				12/06/21 09:26	12/06/21 17:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.83		5.00		mg/Kg			12/07/21 11:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-8923-5

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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		12/03/21 08:37	12/04/21 16:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 16:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 16:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/03/21 08:37	12/04/21 16:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 16:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/03/21 08:37	12/04/21 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/03/21 08:37	12/04/21 16:55	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/03/21 08:37	12/04/21 16:55	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			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:26	12/06/21 17:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/06/21 09:26	12/06/21 17:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/21 09:26	12/06/21 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	12/06/21 09:26	12/06/21 17:47	1
o-Terphenyl	64	S1-	70 - 130	12/06/21 09:26	12/06/21 17:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.0	F1	5.00		mg/Kg			12/07/21 11:17	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-8923-6

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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		12/03/21 08:37	12/04/21 17:16	1
Toluene	0.00326		0.00201		mg/Kg		12/03/21 08:37	12/04/21 17:16	1
Ethylbenzene	0.00259		0.00201		mg/Kg		12/03/21 08:37	12/04/21 17:16	1
m-Xylene & p-Xylene	0.00651		0.00402		mg/Kg		12/03/21 08:37	12/04/21 17:16	1
o-Xylene	0.00255		0.00201		mg/Kg		12/03/21 08:37	12/04/21 17:16	1
Xylenes, Total	0.00906		0.00402		mg/Kg		12/03/21 08:37	12/04/21 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/03/21 08:37	12/04/21 17:16	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/03/21 08:37	12/04/21 17:16	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-8923-6

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0149		0.00402		mg/Kg			12/07/21 08:58	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			12/07/21 16:19	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		12/06/21 09:26	12/06/21 18:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/06/21 09:26	12/06/21 18:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/06/21 09:26	12/06/21 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				12/06/21 09:26	12/06/21 18:08	1
o-Terphenyl	67	S1-	70 - 130				12/06/21 09:26	12/06/21 18:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.1		4.95		mg/Kg			12/07/21 11:42	1

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy 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)
880-8911-A-11-A MS	Matrix Spike	134 S1+	103
880-8911-A-11-B MSD	Matrix Spike Duplicate	119	96
880-8923-1	H-1 (0-0.5')	217 S1+	92
880-8923-2	H-2 (0-0.5')	74	95
880-8923-3	H-3 (0-0.5')	91	108
880-8923-4	H-4 (0-0.5')	118	95
880-8923-5	H-5 (0-0.5')	115	101
880-8923-6	H-6 (0-0.5')	111	92
LCS 880-13835/1-A	Lab Control Sample	113	95
LCSD 880-13835/2-A	Lab Control Sample Dup	107	95
MB 880-13835/5-A	Method Blank	127	100
MB 880-13836/5-A	Method Blank	122	97
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-8923-1	H-1 (0-0.5')	65 S1-	65 S1-
880-8923-2	H-2 (0-0.5')	68 S1-	68 S1-
880-8923-3	H-3 (0-0.5')	66 S1-	66 S1-
880-8923-4	H-4 (0-0.5')	64 S1-	64 S1-
880-8923-5	H-5 (0-0.5')	66 S1-	64 S1-
880-8923-6	H-6 (0-0.5')	67 S1-	67 S1-
890-1669-A-1-D MS	Matrix Spike	71	68 S1-
890-1669-A-1-E MSD	Matrix Spike Duplicate	80	73
LCS 880-13949/2-A	Lab Control Sample	70	69 S1-
LCSD 880-13949/3-A	Lab Control Sample Dup	114	113
MB 880-13949/1-A	Method Blank	84	90
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-13835/5-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13835

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 11:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 11:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 11:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/03/21 08:37	12/04/21 11:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:37	12/04/21 11:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/03/21 08:37	12/04/21 11:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	12/03/21 08:37	12/04/21 11:12	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/03/21 08:37	12/04/21 11:12	1

Lab Sample ID: LCS 880-13835/1-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13835

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08784		mg/Kg		88	70 - 130
Toluene	0.100	0.09459		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1002		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.1892		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09161		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-13835/2-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13835

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09171		mg/Kg		92	70 - 130	4	35
Toluene	0.100	0.08957		mg/Kg		90	70 - 130	5	35
Ethylbenzene	0.100	0.09137		mg/Kg		91	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1765		mg/Kg		88	70 - 130	7	35
o-Xylene	0.100	0.08837		mg/Kg		88	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-8911-A-11-A MS

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 13835

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1	0.100	0.06252	F1	mg/Kg		63	70 - 130
Toluene	<0.00199	U F1	0.100	0.06868	F1	mg/Kg		69	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-8911-A-11-A MS

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 13835

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00199	U F1	0.100	0.06369	F1	mg/Kg		64	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1253	F1	mg/Kg		63	70 - 130
o-Xylene	<0.00199	U	0.100	0.07050		mg/Kg		70	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-8911-A-11-B MSD

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 13835

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.0990	0.07384		mg/Kg		75	70 - 130	17	35
Toluene	<0.00199	U F1	0.0990	0.07612		mg/Kg		77	70 - 130	10	35
Ethylbenzene	<0.00199	U F1	0.0990	0.07925		mg/Kg		80	70 - 130	22	35
m-Xylene & p-Xylene	<0.00398	U F1	0.198	0.1520		mg/Kg		77	70 - 130	19	35
o-Xylene	<0.00199	U	0.0990	0.07726		mg/Kg		78	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-13836/5-A

Matrix: Solid

Analysis Batch: 13832

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/03/21 23:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/03/21 23:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/03/21 23:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/03/21 08:39	12/03/21 23:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/03/21 08:39	12/03/21 23:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/03/21 08:39	12/03/21 23:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/03/21 08:39	12/03/21 23:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/03/21 08:39	12/03/21 23:37	1

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

Lab Sample ID: MB 880-13949/1-A

Matrix: Solid

Analysis Batch: 13938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13949

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		12/06/21 09:26	12/06/21 10:43	1

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-13949/1-A

Matrix: Solid

Analysis Batch: 13938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 13949

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		12/06/21 09:26	12/06/21 10:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/06/21 09:26	12/06/21 10:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/06/21 09:26	12/06/21 10:43	1
o-Terphenyl	90		70 - 130				12/06/21 09:26	12/06/21 10:43	1

Lab Sample ID: LCS 880-13949/2-A

Matrix: Solid

Analysis Batch: 13938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 13949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	630.8	*-	mg/Kg		63	70 - 130
Diesel Range Organics (Over C10-C28)	1000	755.0		mg/Kg		76	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	70		70 - 130				
o-Terphenyl	69	S1-	70 - 130				

Lab Sample ID: LCSD 880-13949/3-A

Matrix: Solid

Analysis Batch: 13938

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 13949

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	660.6	*-	mg/Kg		66	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	780.0		mg/Kg		78	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	114		70 - 130						
o-Terphenyl	113		70 - 130						

Lab Sample ID: 890-1669-A-1-D MS

Matrix: Solid

Analysis Batch: 13938

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 13949

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 *-	997	767.8		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	817.4		mg/Kg		82	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	71		70 - 130						
o-Terphenyl	68	S1-	70 - 130						

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-1669-A-1-E MSD

Matrix: Solid

Analysis Batch: 13938

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 13949

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	840.7		mg/Kg		84	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	907.7		mg/Kg		91	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	80		70 - 130								
o-Terphenyl	73		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-14168/1-A

Matrix: Solid

Analysis Batch: 14169

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			12/07/21 08:36	1

Lab Sample ID: LCS 880-14168/2-A

Matrix: Solid

Analysis Batch: 14169

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	250	259.7		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-14168/3-A

Matrix: Solid

Analysis Batch: 14169

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	260.9		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-8923-5 MS

Matrix: Solid

Analysis Batch: 14169

Client Sample ID: H-5 (0-0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	33.0	F1	250	350.4	F1	mg/Kg		127	90 - 110		

Lab Sample ID: 880-8923-5 MSD

Matrix: Solid

Analysis Batch: 14169

Client Sample ID: H-5 (0-0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	33.0	F1	250	333.6	F1	mg/Kg		120	90 - 110	5	20

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 13832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8923-1	H-1 (0-0.5')	Total/NA	Solid	8021B	13835
880-8923-2	H-2 (0-0.5')	Total/NA	Solid	8021B	13835
880-8923-3	H-3 (0-0.5')	Total/NA	Solid	8021B	13835
880-8923-4	H-4 (0-0.5')	Total/NA	Solid	8021B	13835
880-8923-5	H-5 (0-0.5')	Total/NA	Solid	8021B	13835
880-8923-6	H-6 (0-0.5')	Total/NA	Solid	8021B	13835
MB 880-13835/5-A	Method Blank	Total/NA	Solid	8021B	13835
MB 880-13836/5-A	Method Blank	Total/NA	Solid	8021B	13836
LCS 880-13835/1-A	Lab Control Sample	Total/NA	Solid	8021B	13835
LCSD 880-13835/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13835
880-8911-A-11-A MS	Matrix Spike	Total/NA	Solid	8021B	13835
880-8911-A-11-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	13835

Prep Batch: 13835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8923-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-8923-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-8923-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-8923-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-8923-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-8923-6	H-6 (0-0.5')	Total/NA	Solid	5035	
MB 880-13835/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13835/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13835/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-8911-A-11-A MS	Matrix Spike	Total/NA	Solid	5035	
880-8911-A-11-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 13836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-13836/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 14146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8923-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-8923-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-8923-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-8923-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-8923-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-8923-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 13938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8923-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	13949
880-8923-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	13949
880-8923-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	13949
880-8923-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	13949
880-8923-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	13949
880-8923-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	13949
MB 880-13949/1-A	Method Blank	Total/NA	Solid	8015B NM	13949

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 13938 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-13949/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13949
LCSD 880-13949/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13949
890-1669-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	13949
890-1669-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	13949

Prep Batch: 13949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8923-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-8923-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-8923-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-8923-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-8923-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-8923-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-13949/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13949/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13949/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1669-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1669-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 14112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8923-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-8923-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-8923-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-8923-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-8923-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-8923-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 14168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8923-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-8923-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-8923-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-8923-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-8923-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-8923-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-14168/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-14168/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-14168/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-8923-5 MS	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-8923-5 MSD	H-5 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 14169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8923-1	H-1 (0-0.5')	Soluble	Solid	300.0	14168
880-8923-2	H-2 (0-0.5')	Soluble	Solid	300.0	14168
880-8923-3	H-3 (0-0.5')	Soluble	Solid	300.0	14168
880-8923-4	H-4 (0-0.5')	Soluble	Solid	300.0	14168
880-8923-5	H-5 (0-0.5')	Soluble	Solid	300.0	14168

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 14169 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8923-6	H-6 (0-0.5')	Soluble	Solid	300.0	14168
MB 880-14168/1-A	Method Blank	Soluble	Solid	300.0	14168
LCS 880-14168/2-A	Lab Control Sample	Soluble	Solid	300.0	14168
LCSD 880-14168/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	14168
880-8923-5 MS	H-5 (0-0.5')	Soluble	Solid	300.0	14168
880-8923-5 MSD	H-5 (0-0.5')	Soluble	Solid	300.0	14168

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-8923-1

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 14:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	13949	12/06/21 09:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13938	12/06/21 16:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	14168	12/07/21 08:00	CH	XEN MID
Soluble	Analysis	300.0		1			14169	12/07/21 10:44	CH	XEN MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-8923-2

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 14:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13949	12/06/21 09:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13938	12/06/21 16:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14168	12/07/21 08:00	CH	XEN MID
Soluble	Analysis	300.0		1			14169	12/07/21 10:52	CH	XEN MID

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-8923-3

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 14:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	13949	12/06/21 09:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13938	12/06/21 17:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	14168	12/07/21 08:00	CH	XEN MID
Soluble	Analysis	300.0		1			14169	12/07/21 11:00	CH	XEN MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-8923-4

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 16:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-8923-4

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13949	12/06/21 09:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13938	12/06/21 17:26	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14168	12/07/21 08:00	CH	XEN MID
Soluble	Analysis	300.0		1			14169	12/07/21 11:09	CH	XEN MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-8923-5

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 16:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	13949	12/06/21 09:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13938	12/06/21 17:47	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14168	12/07/21 08:00	CH	XEN MID
Soluble	Analysis	300.0		1			14169	12/07/21 11:17	CH	XEN MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-8923-6

Date Collected: 12/02/21 00:00

Matrix: Solid

Date Received: 12/02/21 16:34

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	13835	12/03/21 08:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13832	12/04/21 17:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14146	12/07/21 08:58	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/07/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	13949	12/06/21 09:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13938	12/06/21 18:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14168	12/07/21 08:00	CH	XEN MID
Soluble	Analysis	300.0		1			14169	12/07/21 11:42	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy 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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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Method Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy 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: Martha AIK Fed 13H

Job ID: 880-8923-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-8923-1	H-1 (0-0.5')	Solid	12/02/21 00:00	12/02/21 16:34
880-8923-2	H-2 (0-0.5')	Solid	12/02/21 00:00	12/02/21 16:34
880-8923-3	H-3 (0-0.5')	Solid	12/02/21 00:00	12/02/21 16:34
880-8923-4	H-4 (0-0.5')	Solid	12/02/21 00:00	12/02/21 16:34
880-8923-5	H-5 (0-0.5')	Solid	12/02/21 00:00	12/02/21 16:34
880-8923-6	H-6 (0-0.5')	Solid	12/02/21 00:00	12/02/21 16:34



6500



880-8923 Chain of Custody

Page _____ of _____

Project Manager	Mike Camrona	Bill to: (if different)	Todd Wells
Company Name	NTG Environmental	Company Name	EOG Resources
Address:	701 Tradewinds BL,VD	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]

Additional Comments:

Notice signature or this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12/21/03			

Revised Date 05012020 Rev 2020

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-8923-1

SDG Number: Eddy Co, NM

Login Number: 8923

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.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-9414-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Martha AIK Fed 13H

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:
12/21/2021 3:09:24 PM

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

LINKS

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results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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: Martha AIK Fed 13H

Laboratory Job ID: 880-9414-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
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, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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

Eurofins Xenco, Midland

Case Narrative

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Job ID: 880-9414-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-9414-1

Receipt

The samples were received on 12/16/2021 10:17 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 1.8°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-4 (0-1') (880-9414-27). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to physical characteristics, such as color, odor, appearance, viscosity, etc.>>: T-3 (7') (880-9414-23), T-3 (8') (880-9414-24), T-3 (9') (880-9414-25), T-4 (0-1') (880-9414-27) and T-4 (1') (880-9414-28). Elevated reporting limits (RL) are provided.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: T-4 (2') (880-9414-29), T-4 (3') (880-9414-30), T-4 (4') (880-9414-31), T-4 (5') (880-9414-32), T-4 (6') (880-9414-33), T-4 (7') (880-9414-34), T-4 (8') (880-9414-35), T-4 (9') (880-9414-36), T-5 (0-1') (880-9414-39) and T-5 (1') (880-9414-40) at 20.0, 20.0, 20.0, 20.0, 20.0, 20.0, 20.0, 20.0, 20.0 and 20.0. Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-3 (5') (880-9414-21), T-3 (10') (880-9414-26), T-4 (0-1') (880-9414-27), T-4 (1') (880-9414-28) and T-4 (6') (880-9414-33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample(s) was outside control limits: 880-9414-7, -10, -11, -12, 890-1713-1, -2. Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-5 (2') (880-9414-41), T-5 (3') (880-9414-42), T-5 (4') (880-9414-43), (MB 880-14907/8), (MB 880-14933/5-A) and (880-9411-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-14937 and analytical batch 880-14890 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.

GC Semi VOA

Method 8015MOD_NM: These samples were biased high in the diesel range and will be reanalyzed to confirm the detection, however since it appears it was the prep of the CCV and not the instrument causing the high reading the data will be qualified and reported currently. T-5 (2') (880-9414-41), T-5 (3') (880-9414-42), T-5 (4') (880-9414-43), T-5 (6') (880-9414-45) and T-5 (11') (880-9414-50)

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 for preparation batch 880-14942 and analytical batch 880-15129 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. The associated samples are: T-2 (1') (880-9414-9), T-2 (2') (880-9414-10), T-2 (3') (880-9414-11), T-2 (4') (880-9414-12), T-2 (5') (880-9414-13), T-2 (6') (880-9414-14), T-2 (7') (880-9414-15), T-3 (0-1') (880-9414-16), T-3 (1') (880-9414-17), T-3 (2') (880-9414-18), (880-9414-A-9-C MS) and (880-9414-A-9-D MSD).

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-14941 and analytical batch 880-15074 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because

Case Narrative

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Job ID: 880-9414-1 (Continued)

Laboratory: Eurofins Xenco, Midland (Continued)

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.

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Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9414-1

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		12/16/21 11:20	12/16/21 23:36	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		12/16/21 11:20	12/16/21 23:36	1
Ethylbenzene	0.0274	F1	0.00201		mg/Kg		12/16/21 11:20	12/16/21 23:36	1
m-Xylene & p-Xylene	0.0731		0.00402		mg/Kg		12/16/21 11:20	12/16/21 23:36	1
o-Xylene	0.0498	F1 F2	0.00201		mg/Kg		12/16/21 11:20	12/16/21 23:36	1
Xylenes, Total	0.123		0.00402		mg/Kg		12/16/21 11:20	12/16/21 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/16/21 11:20	12/16/21 23:36	1
1,4-Difluorobenzene (Surr)	87		70 - 130	12/16/21 11:20	12/16/21 23:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.150		0.00402		mg/Kg			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7210		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	178		50.0		mg/Kg		12/16/21 14:18	12/19/21 02:18	1
Diesel Range Organics (Over C10-C28)	7030		50.0		mg/Kg		12/16/21 14:18	12/19/21 02:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				12/16/21 14:18	12/19/21 02:18	1
o-Terphenyl	111		70 - 130				12/16/21 14:18	12/19/21 02:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2360		24.9		mg/Kg			12/20/21 00:43	5

Client Sample ID: T-1 (1')

Lab Sample ID: 880-9414-2

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0344		0.00200		mg/Kg		12/16/21 11:20	12/16/21 23:56	1
Toluene	0.0238		0.00200		mg/Kg		12/16/21 11:20	12/16/21 23:56	1
Ethylbenzene	0.0200		0.00200		mg/Kg		12/16/21 11:20	12/16/21 23:56	1
m-Xylene & p-Xylene	0.0120		0.00401		mg/Kg		12/16/21 11:20	12/16/21 23:56	1
o-Xylene	0.00677		0.00200		mg/Kg		12/16/21 11:20	12/16/21 23:56	1
Xylenes, Total	0.0188		0.00401		mg/Kg		12/16/21 11:20	12/16/21 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/16/21 11:20	12/16/21 23:56	1
1,4-Difluorobenzene (Surr)	119		70 - 130	12/16/21 11:20	12/16/21 23:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-1 (1')

Lab Sample ID: 880-9414-2

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0970		0.00401		mg/Kg			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4620		49.9		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	106		49.9		mg/Kg		12/16/21 14:18	12/19/21 02:38	1
Diesel Range Organics (Over C10-C28)	4510		49.9		mg/Kg		12/16/21 14:18	12/19/21 02:38	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 02:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				12/16/21 14:18	12/19/21 02:38	1
o-Terphenyl	105		70 - 130				12/16/21 14:18	12/19/21 02:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1370		24.9		mg/Kg			12/20/21 15:26	5

Client Sample ID: T-1 (2')

Lab Sample ID: 880-9414-3

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00264		0.00202		mg/Kg		12/16/21 11:20	12/17/21 00:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/16/21 11:20	12/17/21 00:17	1
Ethylbenzene	0.00213		0.00202		mg/Kg		12/16/21 11:20	12/17/21 00:17	1
m-Xylene & p-Xylene	0.00790		0.00403		mg/Kg		12/16/21 11:20	12/17/21 00:17	1
o-Xylene	0.00823		0.00202		mg/Kg		12/16/21 11:20	12/17/21 00:17	1
Xylenes, Total	0.0161		0.00403		mg/Kg		12/16/21 11:20	12/17/21 00:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				12/16/21 11:20	12/17/21 00:17	1
1,4-Difluorobenzene (Surr)	92		70 - 130				12/16/21 11:20	12/17/21 00:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0209		0.00403		mg/Kg			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1570		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 02:57	1
Diesel Range Organics (Over C10-C28)	1570		50.0		mg/Kg		12/16/21 14:18	12/19/21 02:57	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-1 (2')

Lab Sample ID: 880-9414-3

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:18	12/19/21 02:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/16/21 14:18	12/19/21 02:57	1
o-Terphenyl	103		70 - 130				12/16/21 14:18	12/19/21 02:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	835		5.05		mg/Kg			12/20/21 01:10	1

Client Sample ID: T-1 (3')

Lab Sample ID: 880-9414-4

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 00:37	1
Toluene	0.00734		0.00199		mg/Kg		12/16/21 11:20	12/17/21 00:37	1
Ethylbenzene	0.00464		0.00199		mg/Kg		12/16/21 11:20	12/17/21 00:37	1
m-Xylene & p-Xylene	0.00854		0.00398		mg/Kg		12/16/21 11:20	12/17/21 00:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:20	12/17/21 00:37	1
Xylenes, Total	0.00854		0.00398		mg/Kg		12/16/21 11:20	12/17/21 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				12/16/21 11:20	12/17/21 00:37	1
1,4-Difluorobenzene (Surr)	113		70 - 130				12/16/21 11:20	12/17/21 00:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0205		0.00398		mg/Kg			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1480		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 03:18	1
Diesel Range Organics (Over C10-C28)	1480		50.0		mg/Kg		12/16/21 14:18	12/19/21 03:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 03:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				12/16/21 14:18	12/19/21 03:18	1
o-Terphenyl	112		70 - 130				12/16/21 14:18	12/19/21 03:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	728		4.98		mg/Kg			12/20/21 01:17	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-1 (4')

Lab Sample ID: 880-9414-5

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 00:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 00:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 00:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/16/21 11:20	12/17/21 00:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 00:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/16/21 11:20	12/17/21 00:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/16/21 11:20	12/17/21 00:58	1
1,4-Difluorobenzene (Surr)	123		70 - 130	12/16/21 11:20	12/17/21 00:58	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			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1750		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 03:37	1
Diesel Range Organics (Over C10-C28)	1750		50.0		mg/Kg		12/16/21 14:18	12/19/21 03:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 03:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				12/16/21 14:18	12/19/21 03:37	1
o-Terphenyl	116		70 - 130				12/16/21 14:18	12/19/21 03:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	825		4.95		mg/Kg			12/20/21 01:23	1

Client Sample ID: T-1 (5')

Lab Sample ID: 880-9414-6

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 01:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 01:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 01:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/16/21 11:20	12/17/21 01:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 01:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/16/21 11:20	12/17/21 01:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/16/21 11:20	12/17/21 01:18	1
1,4-Difluorobenzene (Surr)	127		70 - 130	12/16/21 11:20	12/17/21 01:18	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-1 (5')

Lab Sample ID: 880-9414-6

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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			12/17/21 08:53	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			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 01:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 01:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				12/16/21 14:18	12/19/21 01:18	1
o-Terphenyl	134	S1+	70 - 130				12/16/21 14:18	12/19/21 01:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		5.02		mg/Kg			12/20/21 01:30	1

Client Sample ID: T-1 (6')

Lab Sample ID: 880-9414-7

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 01:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/16/21 11:20	12/17/21 01:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/16/21 11:20	12/17/21 01:39	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/16/21 11:20	12/17/21 01:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/16/21 11:20	12/17/21 01:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/16/21 11:20	12/17/21 01:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				12/16/21 11:20	12/17/21 01:39	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/16/21 11:20	12/17/21 01:39	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			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	97.6		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 03:57	1
Diesel Range Organics (Over C10-C28)	97.6		50.0		mg/Kg		12/16/21 14:18	12/19/21 03:57	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-1 (6')

Lab Sample ID: 880-9414-7

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:18	12/19/21 03:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				12/16/21 14:18	12/19/21 03:57	1
o-Terphenyl	128		70 - 130				12/16/21 14:18	12/19/21 03:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		4.99		mg/Kg			12/20/21 01:37	1

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

Lab Sample ID: 880-9414-8

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 01:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 01:59	1
Ethylbenzene	0.0172		0.00200		mg/Kg		12/16/21 11:20	12/17/21 01:59	1
m-Xylene & p-Xylene	0.0399		0.00400		mg/Kg		12/16/21 11:20	12/17/21 01:59	1
o-Xylene	0.0223		0.00200		mg/Kg		12/16/21 11:20	12/17/21 01:59	1
Xylenes, Total	0.0622		0.00400		mg/Kg		12/16/21 11:20	12/17/21 01:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/16/21 11:20	12/17/21 01:59	1
1,4-Difluorobenzene (Surr)	75		70 - 130				12/16/21 11:20	12/17/21 01:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0794		0.00400		mg/Kg			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	388		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 04:17	1
Diesel Range Organics (Over C10-C28)	388		50.0		mg/Kg		12/16/21 14:18	12/19/21 04:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 04:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				12/16/21 14:18	12/19/21 04:17	1
o-Terphenyl	117		70 - 130				12/16/21 14:18	12/19/21 04:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		5.00		mg/Kg			12/20/21 01:43	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-2 (1')

Lab Sample ID: 880-9414-9

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 02:20	1
Toluene	0.00572		0.00198		mg/Kg		12/16/21 11:20	12/17/21 02:20	1
Ethylbenzene	0.0102		0.00198		mg/Kg		12/16/21 11:20	12/17/21 02:20	1
m-Xylene & p-Xylene	0.0399		0.00397		mg/Kg		12/16/21 11:20	12/17/21 02:20	1
o-Xylene	0.0230		0.00198		mg/Kg		12/16/21 11:20	12/17/21 02:20	1
Xylenes, Total	0.0629		0.00397		mg/Kg		12/16/21 11:20	12/17/21 02:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	12/16/21 11:20	12/17/21 02:20	1
1,4-Difluorobenzene (Surr)	130		70 - 130	12/16/21 11:20	12/17/21 02:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0788		0.00397		mg/Kg			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	326		49.9		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 04:37	1
Diesel Range Organics (Over C10-C28)	326		49.9		mg/Kg		12/16/21 14:18	12/19/21 04:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 04:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/16/21 14:18	12/19/21 04:37	1
o-Terphenyl	98		70 - 130				12/16/21 14:18	12/19/21 04:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11600	F1	99.8		mg/Kg			12/18/21 22:05	20

Client Sample ID: T-2 (2')

Lab Sample ID: 880-9414-10

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 02:40	1
Toluene	0.0111		0.00199		mg/Kg		12/16/21 11:20	12/17/21 02:40	1
Ethylbenzene	0.0601		0.00199		mg/Kg		12/16/21 11:20	12/17/21 02:40	1
m-Xylene & p-Xylene	0.172		0.00398		mg/Kg		12/16/21 11:20	12/17/21 02:40	1
o-Xylene	0.0840		0.00199		mg/Kg		12/16/21 11:20	12/17/21 02:40	1
Xylenes, Total	0.256		0.00398		mg/Kg		12/16/21 11:20	12/17/21 02:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	12/16/21 11:20	12/17/21 02:40	1
1,4-Difluorobenzene (Surr)	89		70 - 130	12/16/21 11:20	12/17/21 02:40	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-2 (2')

Lab Sample ID: 880-9414-10

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.327		0.00398		mg/Kg			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	497		49.9		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	83.0		49.9		mg/Kg		12/16/21 14:18	12/19/21 04:57	1
Diesel Range Organics (Over C10-C28)	414		49.9		mg/Kg		12/16/21 14:18	12/19/21 04:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 04:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				12/16/21 14:18	12/19/21 04:57	1
o-Terphenyl	110		70 - 130				12/16/21 14:18	12/19/21 04:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10400		50.0		mg/Kg			12/18/21 22:30	10

Client Sample ID: T-2 (3')

Lab Sample ID: 880-9414-11

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 04:03	1
Toluene	0.00593		0.00201		mg/Kg		12/16/21 11:20	12/17/21 04:03	1
Ethylbenzene	0.0403		0.00201		mg/Kg		12/16/21 11:20	12/17/21 04:03	1
m-Xylene & p-Xylene	0.120		0.00402		mg/Kg		12/16/21 11:20	12/17/21 04:03	1
o-Xylene	0.0617		0.00201		mg/Kg		12/16/21 11:20	12/17/21 04:03	1
Xylenes, Total	0.182		0.00402		mg/Kg		12/16/21 11:20	12/17/21 04:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				12/16/21 11:20	12/17/21 04:03	1
1,4-Difluorobenzene (Surr)	99		70 - 130				12/16/21 11:20	12/17/21 04:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.228		0.00402		mg/Kg			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	413		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 05:37	1
Diesel Range Organics (Over C10-C28)	413		50.0		mg/Kg		12/16/21 14:18	12/19/21 05:37	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-2 (3')

Lab Sample ID: 880-9414-11

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:18	12/19/21 05:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				12/16/21 14:18	12/19/21 05:37	1
o-Terphenyl	100		70 - 130				12/16/21 14:18	12/19/21 05:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8520		49.8		mg/Kg			12/18/21 22:39	10

Client Sample ID: T-2 (4')

Lab Sample ID: 880-9414-12

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 04:23	1
Toluene	0.0219		0.00202		mg/Kg		12/16/21 11:20	12/17/21 04:23	1
Ethylbenzene	0.0578		0.00202		mg/Kg		12/16/21 11:20	12/17/21 04:23	1
m-Xylene & p-Xylene	0.167		0.00404		mg/Kg		12/16/21 11:20	12/17/21 04:23	1
o-Xylene	0.0827		0.00202		mg/Kg		12/16/21 11:20	12/17/21 04:23	1
Xylenes, Total	0.250		0.00404		mg/Kg		12/16/21 11:20	12/17/21 04:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130				12/16/21 11:20	12/17/21 04:23	1
1,4-Difluorobenzene (Surr)	90		70 - 130				12/16/21 11:20	12/17/21 04:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.329		0.00404		mg/Kg			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	352		49.8		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/16/21 14:18	12/19/21 05:57	1
Diesel Range Organics (Over C10-C28)	352		49.8		mg/Kg		12/16/21 14:18	12/19/21 05:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/16/21 14:18	12/19/21 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/16/21 14:18	12/19/21 05:57	1
o-Terphenyl	85		70 - 130				12/16/21 14:18	12/19/21 05:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7560		49.5		mg/Kg			12/18/21 22:47	10

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-2 (5')

Lab Sample ID: 880-9414-13

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 04:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 04:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 04:44	1
m-Xylene & p-Xylene	0.00590		0.00401		mg/Kg		12/16/21 11:20	12/17/21 04:44	1
o-Xylene	0.00249		0.00200		mg/Kg		12/16/21 11:20	12/17/21 04:44	1
Xylenes, Total	0.00839		0.00401		mg/Kg		12/16/21 11:20	12/17/21 04:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/16/21 11:20	12/17/21 04:44	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/16/21 11:20	12/17/21 04:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00839		0.00401		mg/Kg			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	227		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 06:16	1
Diesel Range Organics (Over C10-C28)	227		50.0		mg/Kg		12/16/21 14:18	12/19/21 06:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 06:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				12/16/21 14:18	12/19/21 06:16	1
o-Terphenyl	109		70 - 130				12/16/21 14:18	12/19/21 06:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5540		25.1		mg/Kg			12/18/21 22:56	5

Client Sample ID: T-2 (6')

Lab Sample ID: 880-9414-14

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 05:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 05:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 05:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/16/21 11:20	12/17/21 05:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 05:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/16/21 11:20	12/17/21 05:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	12/16/21 11:20	12/17/21 05:05	1
1,4-Difluorobenzene (Surr)	70		70 - 130	12/16/21 11:20	12/17/21 05:05	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-2 (6')

Lab Sample ID: 880-9414-14

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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			12/17/21 08:53	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			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 06:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 06:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 06:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/16/21 14:18	12/19/21 06:36	1
o-Terphenyl	79		70 - 130				12/16/21 14:18	12/19/21 06:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	194		4.98		mg/Kg			12/18/21 23:21	1

Client Sample ID: T-2 (7')

Lab Sample ID: 880-9414-15

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 05:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 05:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 05:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/16/21 11:20	12/17/21 05:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 05:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/16/21 11:20	12/17/21 05:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/16/21 11:20	12/17/21 05:25	1
1,4-Difluorobenzene (Surr)	106		70 - 130				12/16/21 11:20	12/17/21 05:25	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			12/17/21 08:53	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			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 06:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 06:57	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-2 (7')

Lab Sample ID: 880-9414-15

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:18	12/19/21 06:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				12/16/21 14:18	12/19/21 06:57	1
o-Terphenyl	75		70 - 130				12/16/21 14:18	12/19/21 06:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	238		4.95		mg/Kg			12/18/21 23:29	1

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

Lab Sample ID: 880-9414-16

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 05:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/16/21 11:20	12/17/21 05:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/16/21 11:20	12/17/21 05:46	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/16/21 11:20	12/17/21 05:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/16/21 11:20	12/17/21 05:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/16/21 11:20	12/17/21 05:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				12/16/21 11:20	12/17/21 05:46	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/16/21 11:20	12/17/21 05:46	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			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	84.2		49.9		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 07:17	1
Diesel Range Organics (Over C10-C28)	84.2		49.9		mg/Kg		12/16/21 14:18	12/19/21 07:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 07:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				12/16/21 14:18	12/19/21 07:17	1
o-Terphenyl	75		70 - 130				12/16/21 14:18	12/19/21 07:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12100		50.5		mg/Kg			12/18/21 23:37	10

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-3 (1')

Lab Sample ID: 880-9414-17

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 06:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:20	12/17/21 06:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:20	12/17/21 06:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/16/21 11:20	12/17/21 06:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:20	12/17/21 06:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/16/21 11:20	12/17/21 06:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	12/16/21 11:20	12/17/21 06:06	1
1,4-Difluorobenzene (Surr)	77		70 - 130	12/16/21 11:20	12/17/21 06:06	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			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	952		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 07:37	1
Diesel Range Organics (Over C10-C28)	952		50.0		mg/Kg		12/16/21 14:18	12/19/21 07:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 07:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/16/21 14:18	12/19/21 07:37	1
o-Terphenyl	96		70 - 130				12/16/21 14:18	12/19/21 07:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7930		49.8		mg/Kg			12/18/21 23:46	10

Client Sample ID: T-3 (2')

Lab Sample ID: 880-9414-18

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 06:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 06:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 06:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/16/21 11:20	12/17/21 06:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/17/21 06:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/16/21 11:20	12/17/21 06:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/16/21 11:20	12/17/21 06:26	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/16/21 11:20	12/17/21 06:26	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-3 (2')

Lab Sample ID: 880-9414-18

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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			12/17/21 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	579		49.9		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 07:59	1
Diesel Range Organics (Over C10-C28)	579		49.9		mg/Kg		12/16/21 14:18	12/19/21 07:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 07:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/16/21 14:18	12/19/21 07:59	1
o-Terphenyl	83		70 - 130				12/16/21 14:18	12/19/21 07:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8270		49.5		mg/Kg			12/19/21 09:39	10

Client Sample ID: T-3 (3')

Lab Sample ID: 880-9414-19

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 06:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/16/21 11:20	12/17/21 06:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/16/21 11:20	12/17/21 06:47	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/16/21 11:20	12/17/21 06:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/16/21 11:20	12/17/21 06:47	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/16/21 11:20	12/17/21 06:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				12/16/21 11:20	12/17/21 06:47	1
1,4-Difluorobenzene (Surr)	87		70 - 130				12/16/21 11:20	12/17/21 06:47	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			12/17/21 08:53	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			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 08:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 08:19	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-3 (3')

Lab Sample ID: 880-9414-19

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:18	12/19/21 08:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/16/21 14:18	12/19/21 08:19	1
o-Terphenyl	86		70 - 130				12/16/21 14:18	12/19/21 08:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13000		100		mg/Kg			12/19/21 00:02	20

Client Sample ID: T-3 (4')

Lab Sample ID: 880-9414-20

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:20	12/17/21 07:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:20	12/17/21 07:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:20	12/17/21 07:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/16/21 11:20	12/17/21 07:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:20	12/17/21 07:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/16/21 11:20	12/17/21 07:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/16/21 11:20	12/17/21 07:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/16/21 11:20	12/17/21 07:07	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			12/17/21 08:53	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			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 08:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 08:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:18	12/19/21 08:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/16/21 14:18	12/19/21 08:39	1
o-Terphenyl	89		70 - 130				12/16/21 14:18	12/19/21 08:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14200		99.6		mg/Kg			12/19/21 00:27	20

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-3 (5')

Lab Sample ID: 880-9414-21

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:04	12/16/21 12:17	1
Toluene	0.00399		0.00202		mg/Kg		12/16/21 11:04	12/16/21 12:17	1
Ethylbenzene	0.00998		0.00202		mg/Kg		12/16/21 11:04	12/16/21 12:17	1
m-Xylene & p-Xylene	0.00472		0.00403		mg/Kg		12/16/21 11:04	12/16/21 12:17	1
o-Xylene	0.00443		0.00202		mg/Kg		12/16/21 11:04	12/16/21 12:17	1
Xylenes, Total	0.00915		0.00403		mg/Kg		12/16/21 11:04	12/16/21 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/16/21 11:04	12/16/21 12:17	1
1,4-Difluorobenzene (Surr)	110		70 - 130	12/16/21 11:04	12/16/21 12:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0231		0.00403		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	129		49.9		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	72.9		49.9		mg/Kg		12/16/21 14:22	12/18/21 15:59	1
Diesel Range Organics (Over C10-C28)	55.6		49.9		mg/Kg		12/16/21 14:22	12/18/21 15:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	12/16/21 14:22	12/18/21 15:59	1
o-Terphenyl	132	S1+	70 - 130	12/16/21 14:22	12/18/21 15:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13500		99.4		mg/Kg			12/19/21 00:36	20

Client Sample ID: T-3 (6')

Lab Sample ID: 880-9414-22

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:04	12/16/21 12:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:04	12/16/21 12:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:04	12/16/21 12:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/16/21 11:04	12/16/21 12:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:04	12/16/21 12:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/16/21 11:04	12/16/21 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/16/21 11:04	12/16/21 12:38	1
1,4-Difluorobenzene (Surr)	87		70 - 130	12/16/21 11:04	12/16/21 12:38	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-3 (6')

Lab Sample ID: 880-9414-22

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.0		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	57.0		50.0		mg/Kg		12/16/21 14:22	12/18/21 17:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 17:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				12/16/21 14:22	12/18/21 17:01	1
o-Terphenyl	129		70 - 130				12/16/21 14:22	12/18/21 17:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18100		99.2		mg/Kg			12/19/21 01:01	20

Client Sample ID: T-3 (7')

Lab Sample ID: 880-9414-23

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 13:54	20
Toluene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 13:54	20
Ethylbenzene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 13:54	20
m-Xylene & p-Xylene	<0.0795	U	0.0795		mg/Kg		12/16/21 11:04	12/16/21 13:54	20
o-Xylene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 13:54	20
Xylenes, Total	<0.0795	U	0.0795		mg/Kg		12/16/21 11:04	12/16/21 13:54	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				12/16/21 11:04	12/16/21 13:54	20
1,4-Difluorobenzene (Surr)	98		70 - 130				12/16/21 11:04	12/16/21 13:54	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0795	U	0.0795		mg/Kg			12/17/21 08:43	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			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 17:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 17:23	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-3 (7')

Lab Sample ID: 880-9414-23

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:22	12/18/21 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/16/21 14:22	12/18/21 17:23	1
o-Terphenyl	123		70 - 130				12/16/21 14:22	12/18/21 17:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28000		249		mg/Kg			12/19/21 01:09	50

Client Sample ID: T-3 (8')

Lab Sample ID: 880-9414-24

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0397	U	0.0397		mg/Kg		12/16/21 11:04	12/16/21 14:14	20
Toluene	<0.0397	U	0.0397		mg/Kg		12/16/21 11:04	12/16/21 14:14	20
Ethylbenzene	<0.0397	U	0.0397		mg/Kg		12/16/21 11:04	12/16/21 14:14	20
m-Xylene & p-Xylene	<0.0794	U	0.0794		mg/Kg		12/16/21 11:04	12/16/21 14:14	20
o-Xylene	<0.0397	U	0.0397		mg/Kg		12/16/21 11:04	12/16/21 14:14	20
Xylenes, Total	<0.0794	U	0.0794		mg/Kg		12/16/21 11:04	12/16/21 14:14	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				12/16/21 11:04	12/16/21 14:14	20
1,4-Difluorobenzene (Surr)	91		70 - 130				12/16/21 11:04	12/16/21 14:14	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0794	U	0.0794		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	99.8		49.9		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	99.8		49.9		mg/Kg		12/16/21 14:22	12/18/21 17:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 17:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				12/16/21 14:22	12/18/21 17:44	1
o-Terphenyl	150	S1+	70 - 130				12/16/21 14:22	12/18/21 17:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14500		99.4		mg/Kg			12/19/21 01:18	20

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-3 (9')

Lab Sample ID: 880-9414-25

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0437		0.0396		mg/Kg		12/16/21 11:04	12/16/21 14:35	20
Toluene	<0.0396	U	0.0396		mg/Kg		12/16/21 11:04	12/16/21 14:35	20
Ethylbenzene	<0.0396	U	0.0396		mg/Kg		12/16/21 11:04	12/16/21 14:35	20
m-Xylene & p-Xylene	<0.0792	U	0.0792		mg/Kg		12/16/21 11:04	12/16/21 14:35	20
o-Xylene	<0.0396	U	0.0396		mg/Kg		12/16/21 11:04	12/16/21 14:35	20
Xylenes, Total	<0.0792	U	0.0792		mg/Kg		12/16/21 11:04	12/16/21 14:35	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/16/21 11:04	12/16/21 14:35	20
1,4-Difluorobenzene (Surr)	96		70 - 130	12/16/21 11:04	12/16/21 14:35	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0792	U	0.0792		mg/Kg			12/17/21 08:43	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			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/16/21 14:22	12/18/21 18:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/16/21 14:22	12/18/21 18:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/16/21 14:22	12/18/21 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	12/16/21 14:22	12/18/21 18:04	1
o-Terphenyl	113		70 - 130	12/16/21 14:22	12/18/21 18:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3670		24.9		mg/Kg			12/19/21 01:26	5

Client Sample ID: T-3 (10')

Lab Sample ID: 880-9414-26

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:04	12/16/21 13:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:04	12/16/21 13:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:04	12/16/21 13:34	1
m-Xylene & p-Xylene	0.00524		0.00398		mg/Kg		12/16/21 11:04	12/16/21 13:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:04	12/16/21 13:34	1
Xylenes, Total	0.00524		0.00398		mg/Kg		12/16/21 11:04	12/16/21 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/16/21 11:04	12/16/21 13:34	1
1,4-Difluorobenzene (Surr)	102		70 - 130	12/16/21 11:04	12/16/21 13:34	1

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Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-3 (10')

Lab Sample ID: 880-9414-26

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00524		0.00398		mg/Kg			12/17/21 08:43	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			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 18:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 18:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				12/16/21 14:22	12/18/21 18:25	1
o-Terphenyl	134	S1+	70 - 130				12/16/21 14:22	12/18/21 18:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.2		5.00		mg/Kg			12/19/21 01:34	1

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-9414-27

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0402	U	0.0402		mg/Kg		12/16/21 11:04	12/16/21 14:55	20
Toluene	<0.0402	U	0.0402		mg/Kg		12/16/21 11:04	12/16/21 14:55	20
Ethylbenzene	<0.0402	U	0.0402		mg/Kg		12/16/21 11:04	12/16/21 14:55	20
m-Xylene & p-Xylene	<0.0803	U	0.0803		mg/Kg		12/16/21 11:04	12/16/21 14:55	20
o-Xylene	0.101		0.0402		mg/Kg		12/16/21 11:04	12/16/21 14:55	20
Xylenes, Total	0.101		0.0803		mg/Kg		12/16/21 11:04	12/16/21 14:55	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/16/21 11:04	12/16/21 14:55	20
1,4-Difluorobenzene (Surr)	108		70 - 130				12/16/21 11:04	12/16/21 14:55	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.101		0.0803		mg/Kg			12/17/21 08:43	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			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 18:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 18:46	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-9414-27

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:22	12/18/21 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/16/21 14:22	12/18/21 18:46	1
o-Terphenyl	105		70 - 130				12/16/21 14:22	12/18/21 18:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13300		100		mg/Kg			12/19/21 01:43	20

Client Sample ID: T-4 (1')

Lab Sample ID: 880-9414-28

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.577		0.0402		mg/Kg		12/16/21 11:04	12/16/21 15:16	20
Toluene	0.803		0.0402		mg/Kg		12/16/21 11:04	12/16/21 15:16	20
Ethylbenzene	0.424		0.0402		mg/Kg		12/16/21 11:04	12/16/21 15:16	20
m-Xylene & p-Xylene	0.152		0.0805		mg/Kg		12/16/21 11:04	12/16/21 15:16	20
o-Xylene	<0.0402	U	0.0402		mg/Kg		12/16/21 11:04	12/16/21 15:16	20
Xylenes, Total	0.152		0.0805		mg/Kg		12/16/21 11:04	12/16/21 15:16	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				12/16/21 11:04	12/16/21 15:16	20
1,4-Difluorobenzene (Surr)	39	S1-	70 - 130				12/16/21 11:04	12/16/21 15:16	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.96		0.0805		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	398		49.9		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 19:07	1
Diesel Range Organics (Over C10-C28)	398		49.9		mg/Kg		12/16/21 14:22	12/18/21 19:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 19:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/16/21 14:22	12/18/21 19:07	1
o-Terphenyl	102		70 - 130				12/16/21 14:22	12/18/21 19:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8700		50.0		mg/Kg			12/19/21 01:51	10

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (2')

Lab Sample ID: 880-9414-29

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0403	U	0.0403		mg/Kg		12/16/21 11:04	12/16/21 15:36	20
Toluene	<0.0403	U	0.0403		mg/Kg		12/16/21 11:04	12/16/21 15:36	20
Ethylbenzene	<0.0403	U	0.0403		mg/Kg		12/16/21 11:04	12/16/21 15:36	20
m-Xylene & p-Xylene	<0.0806	U	0.0806		mg/Kg		12/16/21 11:04	12/16/21 15:36	20
o-Xylene	<0.0403	U	0.0403		mg/Kg		12/16/21 11:04	12/16/21 15:36	20
Xylenes, Total	<0.0806	U	0.0806		mg/Kg		12/16/21 11:04	12/16/21 15:36	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	12/16/21 11:04	12/16/21 15:36	20
1,4-Difluorobenzene (Surr)	93		70 - 130	12/16/21 11:04	12/16/21 15:36	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0806	U	0.0806		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	182		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 19:28	1
Diesel Range Organics (Over C10-C28)	182		50.0		mg/Kg		12/16/21 14:22	12/18/21 19:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				12/16/21 14:22	12/18/21 19:28	1
o-Terphenyl	103		70 - 130				12/16/21 14:22	12/18/21 19:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7270		50.5		mg/Kg			12/19/21 12:24	10

Client Sample ID: T-4 (3')

Lab Sample ID: 880-9414-30

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0404	U	0.0404		mg/Kg		12/16/21 11:04	12/16/21 15:56	20
Toluene	<0.0404	U	0.0404		mg/Kg		12/16/21 11:04	12/16/21 15:56	20
Ethylbenzene	<0.0404	U	0.0404		mg/Kg		12/16/21 11:04	12/16/21 15:56	20
m-Xylene & p-Xylene	<0.0808	U	0.0808		mg/Kg		12/16/21 11:04	12/16/21 15:56	20
o-Xylene	<0.0404	U	0.0404		mg/Kg		12/16/21 11:04	12/16/21 15:56	20
Xylenes, Total	<0.0808	U	0.0808		mg/Kg		12/16/21 11:04	12/16/21 15:56	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	12/16/21 11:04	12/16/21 15:56	20
1,4-Difluorobenzene (Surr)	99		70 - 130	12/16/21 11:04	12/16/21 15:56	20

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (3')

Lab Sample ID: 880-9414-30

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0808	U	0.0808		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	413		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	79.3		50.0		mg/Kg		12/16/21 14:22	12/18/21 19:49	1
Diesel Range Organics (Over C10-C28)	334		50.0		mg/Kg		12/16/21 14:22	12/18/21 19:49	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				12/16/21 14:22	12/18/21 19:49	1
o-Terphenyl	102		70 - 130				12/16/21 14:22	12/18/21 19:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7470		49.9		mg/Kg			12/19/21 12:49	10

Client Sample ID: T-4 (4')

Lab Sample ID: 880-9414-31

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0399	U	0.0399		mg/Kg		12/16/21 11:04	12/16/21 18:27	20
Toluene	<0.0399	U	0.0399		mg/Kg		12/16/21 11:04	12/16/21 18:27	20
Ethylbenzene	<0.0399	U	0.0399		mg/Kg		12/16/21 11:04	12/16/21 18:27	20
m-Xylene & p-Xylene	<0.0798	U	0.0798		mg/Kg		12/16/21 11:04	12/16/21 18:27	20
o-Xylene	<0.0399	U	0.0399		mg/Kg		12/16/21 11:04	12/16/21 18:27	20
Xylenes, Total	<0.0798	U	0.0798		mg/Kg		12/16/21 11:04	12/16/21 18:27	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				12/16/21 11:04	12/16/21 18:27	20
1,4-Difluorobenzene (Surr)	108		70 - 130				12/16/21 11:04	12/16/21 18:27	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0798	U	0.0798		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	364		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 20:31	1
Diesel Range Organics (Over C10-C28)	364		50.0		mg/Kg		12/16/21 14:22	12/18/21 20:31	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (4')

Lab Sample ID: 880-9414-31

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:22	12/18/21 20:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/16/21 14:22	12/18/21 20:31	1
o-Terphenyl	92		70 - 130				12/16/21 14:22	12/18/21 20:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8690		49.7		mg/Kg			12/19/21 12:57	10

Client Sample ID: T-4 (5')

Lab Sample ID: 880-9414-32

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 18:48	20
Toluene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 18:48	20
Ethylbenzene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 18:48	20
m-Xylene & p-Xylene	<0.0795	U	0.0795		mg/Kg		12/16/21 11:04	12/16/21 18:48	20
o-Xylene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 18:48	20
Xylenes, Total	<0.0795	U	0.0795		mg/Kg		12/16/21 11:04	12/16/21 18:48	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				12/16/21 11:04	12/16/21 18:48	20
1,4-Difluorobenzene (Surr)	96		70 - 130				12/16/21 11:04	12/16/21 18:48	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0795	U	0.0795		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65.3		49.8		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	65.3		49.8		mg/Kg		12/16/21 14:22	12/18/21 20:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/16/21 14:22	12/18/21 20:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/16/21 14:22	12/18/21 20:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/16/21 14:22	12/18/21 20:52	1
o-Terphenyl	82		70 - 130				12/16/21 14:22	12/18/21 20:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15600		99.6		mg/Kg			12/19/21 13:06	20

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (6')

Lab Sample ID: 880-9414-33

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0399	U	0.0399		mg/Kg		12/16/21 11:04	12/16/21 19:08	20
Toluene	<0.0399	U	0.0399		mg/Kg		12/16/21 11:04	12/16/21 19:08	20
Ethylbenzene	<0.0399	U	0.0399		mg/Kg		12/16/21 11:04	12/16/21 19:08	20
m-Xylene & p-Xylene	<0.0798	U	0.0798		mg/Kg		12/16/21 11:04	12/16/21 19:08	20
o-Xylene	<0.0399	U	0.0399		mg/Kg		12/16/21 11:04	12/16/21 19:08	20
Xylenes, Total	<0.0798	U	0.0798		mg/Kg		12/16/21 11:04	12/16/21 19:08	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	12/16/21 11:04	12/16/21 19:08	20
1,4-Difluorobenzene (Surr)	105		70 - 130	12/16/21 11:04	12/16/21 19:08	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0798	U	0.0798		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	78.0		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	78.0		50.0		mg/Kg		12/16/21 14:22	12/18/21 21:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 21:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 21:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/16/21 14:22	12/18/21 21:13	1
o-Terphenyl	95		70 - 130				12/16/21 14:22	12/18/21 21:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14500		99.0		mg/Kg			12/19/21 13:14	20

Client Sample ID: T-4 (7')

Lab Sample ID: 880-9414-34

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 19:29	20
Toluene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 19:29	20
Ethylbenzene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 19:29	20
m-Xylene & p-Xylene	<0.0797	U	0.0797		mg/Kg		12/16/21 11:04	12/16/21 19:29	20
o-Xylene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 19:29	20
Xylenes, Total	<0.0797	U	0.0797		mg/Kg		12/16/21 11:04	12/16/21 19:29	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	12/16/21 11:04	12/16/21 19:29	20
1,4-Difluorobenzene (Surr)	98		70 - 130	12/16/21 11:04	12/16/21 19:29	20

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (7')

Lab Sample ID: 880-9414-34

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0797	U	0.0797		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	132		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 21:35	1
Diesel Range Organics (Over C10-C28)	132		50.0		mg/Kg		12/16/21 14:22	12/18/21 21:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/16/21 14:22	12/18/21 21:35	1
o-Terphenyl	109		70 - 130				12/16/21 14:22	12/18/21 21:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14700		101		mg/Kg			12/19/21 13:40	20

Client Sample ID: T-4 (8')

Lab Sample ID: 880-9414-35

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 19:49	20
Toluene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 19:49	20
Ethylbenzene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 19:49	20
m-Xylene & p-Xylene	<0.0795	U	0.0795		mg/Kg		12/16/21 11:04	12/16/21 19:49	20
o-Xylene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 19:49	20
Xylenes, Total	<0.0795	U	0.0795		mg/Kg		12/16/21 11:04	12/16/21 19:49	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/16/21 11:04	12/16/21 19:49	20
1,4-Difluorobenzene (Surr)	96		70 - 130				12/16/21 11:04	12/16/21 19:49	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0795	U	0.0795		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	74.1		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	74.1		50.0		mg/Kg		12/16/21 14:22	12/18/21 21:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 21:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (8')

Lab Sample ID: 880-9414-35

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:22	12/18/21 21:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/16/21 14:22	12/18/21 21:56	1
o-Terphenyl	94		70 - 130				12/16/21 14:22	12/18/21 21:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16800		99.6		mg/Kg			12/19/21 13:48	20

Client Sample ID: T-4 (9')

Lab Sample ID: 880-9414-36

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0397	U	0.0397		mg/Kg		12/16/21 11:04	12/16/21 20:09	20
Toluene	<0.0397	U	0.0397		mg/Kg		12/16/21 11:04	12/16/21 20:09	20
Ethylbenzene	<0.0397	U	0.0397		mg/Kg		12/16/21 11:04	12/16/21 20:09	20
m-Xylene & p-Xylene	<0.0794	U	0.0794		mg/Kg		12/16/21 11:04	12/16/21 20:09	20
o-Xylene	<0.0397	U	0.0397		mg/Kg		12/16/21 11:04	12/16/21 20:09	20
Xylenes, Total	<0.0794	U	0.0794		mg/Kg		12/16/21 11:04	12/16/21 20:09	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				12/16/21 11:04	12/16/21 20:09	20
1,4-Difluorobenzene (Surr)	87		70 - 130				12/16/21 11:04	12/16/21 20:09	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0794	U	0.0794		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	119		49.9		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 22:17	1
Diesel Range Organics (Over C10-C28)	119		49.9		mg/Kg		12/16/21 14:22	12/18/21 22:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/16/21 14:22	12/18/21 22:17	1
o-Terphenyl	92		70 - 130				12/16/21 14:22	12/18/21 22:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15800		99.0		mg/Kg			12/19/21 13:56	20

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (10')

Lab Sample ID: 880-9414-37

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:04	12/16/21 17:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:04	12/16/21 17:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:04	12/16/21 17:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/16/21 11:04	12/16/21 17:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/21 11:04	12/16/21 17:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/16/21 11:04	12/16/21 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/16/21 11:04	12/16/21 17:47	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/16/21 11:04	12/16/21 17:47	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			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	64.3		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 22:38	1
Diesel Range Organics (Over C10-C28)	64.3		50.0		mg/Kg		12/16/21 14:22	12/18/21 22:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 22:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	12/16/21 14:22	12/18/21 22:38	1
o-Terphenyl	83		70 - 130	12/16/21 14:22	12/18/21 22:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	494		4.99		mg/Kg			12/19/21 14:05	1

Client Sample ID: T-4 (11')

Lab Sample ID: 880-9414-38

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 11:04	12/16/21 18:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:04	12/16/21 18:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:04	12/16/21 18:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/16/21 11:04	12/16/21 18:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:04	12/16/21 18:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/16/21 11:04	12/16/21 18:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/16/21 11:04	12/16/21 18:07	1
1,4-Difluorobenzene (Surr)	102		70 - 130	12/16/21 11:04	12/16/21 18:07	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (11')

Lab Sample ID: 880-9414-38

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.7		49.9		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	54.7		49.9		mg/Kg		12/16/21 14:22	12/18/21 22:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 22:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/16/21 14:22	12/18/21 22:59	1
o-Terphenyl	78		70 - 130				12/16/21 14:22	12/18/21 22:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.1		4.95		mg/Kg			12/19/21 14:13	1

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-9414-39

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0713		0.0398		mg/Kg		12/16/21 11:04	12/16/21 20:30	20
Toluene	0.793		0.0398		mg/Kg		12/16/21 11:04	12/16/21 20:30	20
Ethylbenzene	1.24		0.0398		mg/Kg		12/16/21 11:04	12/16/21 20:30	20
m-Xylene & p-Xylene	3.49		0.0795		mg/Kg		12/16/21 11:04	12/16/21 20:30	20
o-Xylene	1.65		0.0398		mg/Kg		12/16/21 11:04	12/16/21 20:30	20
Xylenes, Total	5.14		0.0795		mg/Kg		12/16/21 11:04	12/16/21 20:30	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				12/16/21 11:04	12/16/21 20:30	20
1,4-Difluorobenzene (Surr)	91		70 - 130				12/16/21 11:04	12/16/21 20:30	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.24		0.0795		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1180		50.0		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	168		50.0		mg/Kg		12/16/21 14:22	12/18/21 23:19	1
Diesel Range Organics (Over C10-C28)	1010		50.0		mg/Kg		12/16/21 14:22	12/18/21 23:19	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-9414-39

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:22	12/18/21 23:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/16/21 14:22	12/18/21 23:19	1
o-Terphenyl	102		70 - 130				12/16/21 14:22	12/18/21 23:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9310		49.8		mg/Kg			12/19/21 14:21	10

Client Sample ID: T-5 (1')

Lab Sample ID: 880-9414-40

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/16/21 11:04	12/16/21 20:50	20
Toluene	0.539		0.0398		mg/Kg		12/16/21 11:04	12/16/21 20:50	20
Ethylbenzene	1.04		0.0398		mg/Kg		12/16/21 11:04	12/16/21 20:50	20
m-Xylene & p-Xylene	2.76		0.0797		mg/Kg		12/16/21 11:04	12/16/21 20:50	20
o-Xylene	1.05		0.0398		mg/Kg		12/16/21 11:04	12/16/21 20:50	20
Xylenes, Total	3.81		0.0797		mg/Kg		12/16/21 11:04	12/16/21 20:50	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				12/16/21 11:04	12/16/21 20:50	20
1,4-Difluorobenzene (Surr)	86		70 - 130				12/16/21 11:04	12/16/21 20:50	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.39		0.0797		mg/Kg			12/17/21 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1090		49.9		mg/Kg			12/20/21 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	141		49.9		mg/Kg		12/16/21 14:22	12/18/21 23:39	1
Diesel Range Organics (Over C10-C28)	948		49.9		mg/Kg		12/16/21 14:22	12/18/21 23:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:22	12/18/21 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/16/21 14:22	12/18/21 23:39	1
o-Terphenyl	105		70 - 130				12/16/21 14:22	12/18/21 23:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9510		50.2		mg/Kg			12/19/21 14:46	10

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (2')

Lab Sample ID: 880-9414-41

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 10:37	12/17/21 06:09	1
Toluene	0.0316		0.00199		mg/Kg		12/16/21 10:37	12/17/21 06:09	1
Ethylbenzene	0.0350		0.00199		mg/Kg		12/16/21 10:37	12/17/21 06:09	1
m-Xylene & p-Xylene	0.130		0.00398		mg/Kg		12/16/21 10:37	12/17/21 06:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 06:09	1
Xylenes, Total	0.130		0.00398		mg/Kg		12/16/21 10:37	12/17/21 06:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	214	S1+	70 - 130	12/16/21 10:37	12/17/21 06:09	1
1,4-Difluorobenzene (Surr)	56	S1-	70 - 130	12/16/21 10:37	12/17/21 06:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.197		0.00398		mg/Kg			12/17/21 09:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1590		49.9		mg/Kg			12/21/21 15:44	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	286		49.9		mg/Kg		12/16/21 14:25	12/20/21 15:15	1
Diesel Range Organics (Over C10-C28)	1300		49.9		mg/Kg		12/16/21 14:25	12/20/21 15:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:25	12/20/21 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	12/16/21 14:25	12/20/21 15:15	1
o-Terphenyl	117		70 - 130	12/16/21 14:25	12/20/21 15:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9230		49.8		mg/Kg			12/19/21 14:55	10

Client Sample ID: T-5 (3')

Lab Sample ID: 880-9414-42

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 10:37	12/17/21 06:36	1
Toluene	0.0160		0.00201		mg/Kg		12/16/21 10:37	12/17/21 06:36	1
Ethylbenzene	0.0257		0.00201		mg/Kg		12/16/21 10:37	12/17/21 06:36	1
m-Xylene & p-Xylene	0.0806		0.00402		mg/Kg		12/16/21 10:37	12/17/21 06:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/16/21 10:37	12/17/21 06:36	1
Xylenes, Total	0.0806		0.00402		mg/Kg		12/16/21 10:37	12/17/21 06:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130	12/16/21 10:37	12/17/21 06:36	1
1,4-Difluorobenzene (Surr)	102		70 - 130	12/16/21 10:37	12/17/21 06:36	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (3')

Lab Sample ID: 880-9414-42

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.122		0.00402		mg/Kg			12/17/21 09:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2020		50.0		mg/Kg			12/21/21 15:44	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	409		50.0		mg/Kg		12/16/21 14:25	12/20/21 15:36	1
Diesel Range Organics (Over C10-C28)	1610		50.0		mg/Kg		12/16/21 14:25	12/20/21 15:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:25	12/20/21 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				12/16/21 14:25	12/20/21 15:36	1
o-Terphenyl	98		70 - 130				12/16/21 14:25	12/20/21 15:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9930		50.5		mg/Kg			12/19/21 15:20	10

Client Sample ID: T-5 (4')

Lab Sample ID: 880-9414-43

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 10:37	12/17/21 07:02	1
Toluene	0.0666		0.00199		mg/Kg		12/16/21 10:37	12/17/21 07:02	1
Ethylbenzene	0.101		0.00199		mg/Kg		12/16/21 10:37	12/17/21 07:02	1
m-Xylene & p-Xylene	0.317		0.00398		mg/Kg		12/16/21 10:37	12/17/21 07:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 07:02	1
Xylenes, Total	0.317		0.00398		mg/Kg		12/16/21 10:37	12/17/21 07:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	342	S1+	70 - 130				12/16/21 10:37	12/17/21 07:02	1
1,4-Difluorobenzene (Surr)	70		70 - 130				12/16/21 10:37	12/17/21 07:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.485		0.00398		mg/Kg			12/17/21 09:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2290		50.0		mg/Kg			12/21/21 15:44	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	430		50.0		mg/Kg		12/16/21 14:25	12/20/21 15:56	1
Diesel Range Organics (Over C10-C28)	1860		50.0		mg/Kg		12/16/21 14:25	12/20/21 15:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (4')

Lab Sample ID: 880-9414-43

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:25	12/20/21 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				12/16/21 14:25	12/20/21 15:56	1
o-Terphenyl	121		70 - 130				12/16/21 14:25	12/20/21 15:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9810		49.7		mg/Kg			12/19/21 15:28	10

Client Sample ID: T-5 (5')

Lab Sample ID: 880-9414-44

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 10:37	12/17/21 07:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 07:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 07:29	1
m-Xylene & p-Xylene	0.00718		0.00398		mg/Kg		12/16/21 10:37	12/17/21 07:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 07:29	1
Xylenes, Total	0.00718		0.00398		mg/Kg		12/16/21 10:37	12/17/21 07:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130				12/16/21 10:37	12/17/21 07:29	1
1,4-Difluorobenzene (Surr)	83		70 - 130				12/16/21 10:37	12/17/21 07:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00718		0.00398		mg/Kg			12/17/21 09:00	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			12/21/21 15:44	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		12/16/21 14:25	12/20/21 14:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/16/21 14:25	12/20/21 14:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:25	12/20/21 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				12/16/21 14:25	12/20/21 14:14	1
o-Terphenyl	136	S1+	70 - 130				12/16/21 14:25	12/20/21 14:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15400		99.8		mg/Kg			12/19/21 15:37	20

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (6')

Lab Sample ID: 880-9414-45

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 10:37	12/17/21 08:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 08:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 08:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/16/21 10:37	12/17/21 08:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 08:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/16/21 10:37	12/17/21 08:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	12/16/21 10:37	12/17/21 08:30	1
1,4-Difluorobenzene (Surr)	81		70 - 130	12/16/21 10:37	12/17/21 08:30	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			12/17/21 09:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.8		49.8		mg/Kg			12/21/21 15:44	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		12/16/21 14:25	12/20/21 16:17	1
Diesel Range Organics (Over C10-C28)	62.8		49.8		mg/Kg		12/16/21 14:25	12/20/21 16:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/16/21 14:25	12/20/21 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	12/16/21 14:25	12/20/21 16:17	1
o-Terphenyl	117		70 - 130	12/16/21 14:25	12/20/21 16:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12600		100		mg/Kg			12/19/21 15:45	20

Client Sample ID: T-5 (7')

Lab Sample ID: 880-9414-46

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 10:37	12/17/21 08:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:37	12/17/21 08:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:37	12/17/21 08:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/16/21 10:37	12/17/21 08:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:37	12/17/21 08:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/16/21 10:37	12/17/21 08:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/16/21 10:37	12/17/21 08:57	1
1,4-Difluorobenzene (Surr)	81		70 - 130	12/16/21 10:37	12/17/21 08:57	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (7')

Lab Sample ID: 880-9414-46

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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			12/17/21 09:00	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			12/21/21 15:44	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		12/16/21 14:25	12/20/21 16:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/16/21 14:25	12/20/21 16:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:25	12/20/21 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				12/16/21 14:25	12/20/21 16:37	1
o-Terphenyl	103		70 - 130				12/16/21 14:25	12/20/21 16:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17800		100		mg/Kg			12/19/21 15:53	20

Client Sample ID: T-5 (8')

Lab Sample ID: 880-9414-47

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 10:37	12/17/21 09:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 09:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 09:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/16/21 10:37	12/17/21 09:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 09:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/16/21 10:37	12/17/21 09:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				12/16/21 10:37	12/17/21 09:24	1
1,4-Difluorobenzene (Surr)	70		70 - 130				12/16/21 10:37	12/17/21 09:24	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			12/17/21 09:00	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			12/21/21 15:44	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		12/16/21 14:25	12/20/21 16:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:25	12/20/21 16:58	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (8')

Lab Sample ID: 880-9414-47

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 14:25	12/20/21 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/16/21 14:25	12/20/21 16:58	1
o-Terphenyl	102		70 - 130				12/16/21 14:25	12/20/21 16:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14800		99.2		mg/Kg			12/19/21 16:02	20

Client Sample ID: T-5 (9')

Lab Sample ID: 880-9414-48

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 10:37	12/17/21 09:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:37	12/17/21 09:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:37	12/17/21 09:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/16/21 10:37	12/17/21 09:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:37	12/17/21 09:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/16/21 10:37	12/17/21 09:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				12/16/21 10:37	12/17/21 09:50	1
1,4-Difluorobenzene (Surr)	76		70 - 130				12/16/21 10:37	12/17/21 09:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/17/21 09:00	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			12/21/21 15:44	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		12/16/21 14:25	12/20/21 17:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/16/21 14:25	12/20/21 17:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/16/21 14:25	12/20/21 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				12/16/21 14:25	12/20/21 17:19	1
o-Terphenyl	89		70 - 130				12/16/21 14:25	12/20/21 17:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20700		101		mg/Kg			12/19/21 16:10	20

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Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (10')

Lab Sample ID: 880-9414-49

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 10:37	12/17/21 05:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 05:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 05:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/16/21 10:37	12/17/21 05:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/16/21 10:37	12/17/21 05:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/16/21 10:37	12/17/21 05:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	12/16/21 10:37	12/17/21 05:15	1
1,4-Difluorobenzene (Surr)	115		70 - 130	12/16/21 10:37	12/17/21 05:15	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			12/17/21 09:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	105		50.0		mg/Kg			12/21/21 15:44	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		12/16/21 14:25	12/20/21 17:40	1
Diesel Range Organics (Over C10-C28)	105		50.0		mg/Kg		12/16/21 14:25	12/20/21 17:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:25	12/20/21 17:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/16/21 14:25	12/20/21 17:40	1
o-Terphenyl	97		70 - 130				12/16/21 14:25	12/20/21 17:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1910		25.1		mg/Kg			12/16/21 17:33	5

Client Sample ID: T-5 (11')

Lab Sample ID: 880-9414-50

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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		12/16/21 10:37	12/17/21 05:42	1
Toluene	0.0131		0.00200		mg/Kg		12/16/21 10:37	12/17/21 05:42	1
Ethylbenzene	0.00375		0.00200		mg/Kg		12/16/21 10:37	12/17/21 05:42	1
m-Xylene & p-Xylene	0.00925		0.00399		mg/Kg		12/16/21 10:37	12/17/21 05:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:37	12/17/21 05:42	1
Xylenes, Total	0.00925		0.00399		mg/Kg		12/16/21 10:37	12/17/21 05:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	12/16/21 10:37	12/17/21 05:42	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/16/21 10:37	12/17/21 05:42	1

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Client Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (11')

Lab Sample ID: 880-9414-50

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0261		0.00399		mg/Kg			12/17/21 09:00	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			12/21/21 15:44	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		12/16/21 14:25	12/20/21 18:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:25	12/20/21 18:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:25	12/20/21 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				12/16/21 14:25	12/20/21 18:00	1
o-Terphenyl	88		70 - 130				12/16/21 14:25	12/20/21 18:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.7		4.95		mg/Kg			12/16/21 17:41	1

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Surrogate Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
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)
880-9411-A-1-C MS	Matrix Spike	82	85
880-9411-A-1-D MSD	Matrix Spike Duplicate	68 S1-	89
880-9414-1	T-1 (0-1')	126	87
880-9414-1 MS	T-1 (0-1')	76	91
880-9414-1 MSD	T-1 (0-1')	113	99
880-9414-2	T-1 (1')	126	119
880-9414-3	T-1 (2')	104	92
880-9414-4	T-1 (3')	119	113
880-9414-5	T-1 (4')	128	123
880-9414-6	T-1 (5')	119	127
880-9414-7	T-1 (6')	132 S1+	96
880-9414-8	T-2 (0-1')	110	75
880-9414-9	T-2 (1')	124	130
880-9414-10	T-2 (2')	143 S1+	89
880-9414-11	T-2 (3')	136 S1+	99
880-9414-12	T-2 (4')	160 S1+	90
880-9414-13	T-2 (5')	95	97
880-9414-14	T-2 (6')	113	70
880-9414-15	T-2 (7')	110	106
880-9414-16	T-3 (0-1')	109	101
880-9414-17	T-3 (1')	102	77
880-9414-18	T-3 (2')	122	85
880-9414-19	T-3 (3')	109	87
880-9414-20	T-3 (4')	107	104
880-9414-21	T-3 (5')	139 S1+	110
880-9414-21 MS	T-3 (5')	109	94
880-9414-21 MSD	T-3 (5')	111	98
880-9414-22	T-3 (6')	122	87
880-9414-23	T-3 (7')	117	98
880-9414-24	T-3 (8')	114	91
880-9414-25	T-3 (9')	126	96
880-9414-26	T-3 (10')	131 S1+	102
880-9414-27	T-4 (0-1')	139 S1+	108
880-9414-28	T-4 (1')	120	39 S1-
880-9414-29	T-4 (2')	113	93
880-9414-30	T-4 (3')	118	99
880-9414-31	T-4 (4')	130	108
880-9414-32	T-4 (5')	127	96
880-9414-33	T-4 (6')	136 S1+	105
880-9414-34	T-4 (7')	123	98
880-9414-35	T-4 (8')	122	96
880-9414-36	T-4 (9')	117	87
880-9414-37	T-4 (10')	106	92
880-9414-38	T-4 (11')	137 S1+	102
880-9414-39	T-5 (0-1')	130	91
880-9414-40	T-5 (1')	103	86
880-9414-41	T-5 (2')	214 S1+	56 S1-
880-9414-42	T-5 (3')	166 S1+	102
880-9414-43	T-5 (4')	342 S1+	70

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Surrogate Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
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)
880-9414-44	T-5 (5')	161 S1+	83
880-9414-45	T-5 (6')	86	81
880-9414-46	T-5 (7')	111	81
880-9414-47	T-5 (8')	105	70
880-9414-48	T-5 (9')	108	76
880-9414-49	T-5 (10')	72	115
880-9414-50	T-5 (11')	102	92
LCS 880-14933/1-A	Lab Control Sample	95	100
LCS 880-14936/1-A	Lab Control Sample	110	97
LCS 880-14937/1-A	Lab Control Sample	106	100
LCSD 880-14933/2-A	Lab Control Sample Dup	97	102
LCSD 880-14936/2-A	Lab Control Sample Dup	114	96
LCSD 880-14937/2-A	Lab Control Sample Dup	104	103
MB 880-14827/5-A	Method Blank	99	103
MB 880-14907/8	Method Blank	56 S1-	85
MB 880-14933/5-A	Method Blank	65 S1-	86
MB 880-14936/5-A	Method Blank	122	103
MB 880-14937/5-A	Method Blank	111	100
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)
880-9414-1	T-1 (0-1')	112	111
880-9414-2	T-1 (1')	105	105
880-9414-3	T-1 (2')	95	103
880-9414-4	T-1 (3')	105	112
880-9414-5	T-1 (4')	116	116
880-9414-6	T-1 (5')	108	134 S1+
880-9414-6 MS	T-1 (5')	85	92
880-9414-6 MSD	T-1 (5')	91	100
880-9414-7	T-1 (6')	104	128
880-9414-8	T-2 (0-1')	104	117
880-9414-9	T-2 (1')	93	98
880-9414-10	T-2 (2')	101	110
880-9414-11	T-2 (3')	94	100
880-9414-12	T-2 (4')	83	85
880-9414-13	T-2 (5')	94	109
880-9414-14	T-2 (6')	70	79
880-9414-15	T-2 (7')	68 S1-	75
880-9414-16	T-3 (0-1')	65 S1-	75
880-9414-17	T-3 (1')	88	96
880-9414-18	T-3 (2')	74	83
880-9414-19	T-3 (3')	74	86
880-9414-20	T-3 (4')	77	89

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Surrogate Summary

Client: NT Global

Job ID: 880-9414-1

Project/Site: Martha AIK Fed 13H

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)
880-9414-21	T-3 (5')	109	132 S1+
880-9414-21 MS	T-3 (5')	106	119
880-9414-21 MSD	T-3 (5')	108	119
880-9414-22	T-3 (6')	105	129
880-9414-23	T-3 (7')	96	123
880-9414-24	T-3 (8')	121	150 S1+
880-9414-25	T-3 (9')	100	113
880-9414-26	T-3 (10')	109	134 S1+
880-9414-27	T-4 (0-1')	91	105
880-9414-28	T-4 (1')	95	102
880-9414-29	T-4 (2')	90	103
880-9414-30	T-4 (3')	94	102
880-9414-31	T-4 (4')	81	92
880-9414-32	T-4 (5')	73	82
880-9414-33	T-4 (6')	85	95
880-9414-34	T-4 (7')	95	109
880-9414-35	T-4 (8')	82	94
880-9414-36	T-4 (9')	83	92
880-9414-37	T-4 (10')	75	83
880-9414-38	T-4 (11')	75	78
880-9414-39	T-5 (0-1')	93	102
880-9414-40	T-5 (1')	96	105
880-9414-41	T-5 (2')	121	117
880-9414-42	T-5 (3')	106	98
880-9414-43	T-5 (4')	120	121
880-9414-44	T-5 (5')	124	136 S1+
880-9414-44 MS	T-5 (5')	100	100
880-9414-44 MSD	T-5 (5')	108	104
880-9414-45	T-5 (6')	108	117
880-9414-46	T-5 (7')	97	103
880-9414-47	T-5 (8')	91	102
880-9414-48	T-5 (9')	80	89
880-9414-49	T-5 (10')	88	97
880-9414-50	T-5 (11')	79	88
LCS 880-14973/2-A	Lab Control Sample	97	104
LCS 880-14974/2-A	Lab Control Sample	79	85
LCS 880-14975/2-A	Lab Control Sample	123	117
LCSD 880-14973/3-A	Lab Control Sample Dup	80	87
LCSD 880-14974/3-A	Lab Control Sample Dup	82	86
LCSD 880-14975/3-A	Lab Control Sample Dup	121	121
MB 880-14973/1-A	Method Blank	94	113
MB 880-14974/1-A	Method Blank	90	102
MB 880-14975/1-A	Method Blank	135 S1+	144 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-14827/5-A

Matrix: Solid

Analysis Batch: 14890

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14827

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/21 07:45	12/16/21 10:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 07:45	12/16/21 10:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 07:45	12/16/21 10:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/16/21 07:45	12/16/21 10:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 07:45	12/16/21 10:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/16/21 07:45	12/16/21 10:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	12/16/21 07:45	12/16/21 10:39	1
1,4-Difluorobenzene (Surr)	103		70 - 130	12/16/21 07:45	12/16/21 10:39	1

Lab Sample ID: MB 880-14907/8

Matrix: Solid

Analysis Batch: 14907

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			12/16/21 12:24	1
Toluene	<0.00200	U	0.00200		mg/Kg			12/16/21 12:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			12/16/21 12:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			12/16/21 12:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			12/16/21 12:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			12/16/21 12:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	56	S1-	70 - 130		12/16/21 12:24	1
1,4-Difluorobenzene (Surr)	85		70 - 130		12/16/21 12:24	1

Lab Sample ID: MB 880-14933/5-A

Matrix: Solid

Analysis Batch: 14907

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14933

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:37	12/16/21 22:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:37	12/16/21 22:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:37	12/16/21 22:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/16/21 10:37	12/16/21 22:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:37	12/16/21 22:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/16/21 10:37	12/16/21 22:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	12/16/21 10:37	12/16/21 22:59	1
1,4-Difluorobenzene (Surr)	86		70 - 130	12/16/21 10:37	12/16/21 22:59	1

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-14933/1-A

Matrix: Solid

Analysis Batch: 14907

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1011		mg/Kg		101	70 - 130
Toluene	0.100	0.09637		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.08715		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1748		mg/Kg		87	70 - 130
o-Xylene	0.100	0.09329		mg/Kg		93	70 - 130

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

Lab Sample ID: LCSD 880-14933/2-A

Matrix: Solid

Analysis Batch: 14907

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 14933

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1065		mg/Kg		106	70 - 130	5	35
Toluene	0.100	0.1039		mg/Kg		104	70 - 130	8	35
Ethylbenzene	0.100	0.09500		mg/Kg		95	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1903		mg/Kg		95	70 - 130	8	35
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-9411-A-1-C MS

Matrix: Solid

Analysis Batch: 14907

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 14933

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1	0.0998	0.03227	F1	mg/Kg		32	70 - 130
Toluene	<0.00199	U F1	0.0998	0.02914	F1	mg/Kg		29	70 - 130
Ethylbenzene	<0.00199	U F1	0.0998	0.02900	F1	mg/Kg		29	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.05736	F1	mg/Kg		29	70 - 130
o-Xylene	<0.00199	U F1	0.0998	0.03736	F1	mg/Kg		37	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-9411-A-1-D MSD

Matrix: Solid

Analysis Batch: 14907

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 14933

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.0994	0.03001	F1	mg/Kg		30	70 - 130	7	35
Toluene	<0.00199	U F1	0.0994	0.02330	F1	mg/Kg		23	70 - 130	22	35
Ethylbenzene	<0.00199	U F1	0.0994	0.02249	F1	mg/Kg		23	70 - 130	25	35

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9411-A-1-D MSD

Matrix: Solid

Analysis Batch: 14907

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 14933

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.04737	F1	mg/Kg		24	70 - 130	19	35
o-Xylene	<0.00199	U F1	0.0994	0.02791	F1	mg/Kg		28	70 - 130	29	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: MB 880-14936/5-A

Matrix: Solid

Analysis Batch: 14891

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:00	12/16/21 10:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:00	12/16/21 10:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:00	12/16/21 10:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/16/21 10:00	12/16/21 10:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 10:00	12/16/21 10:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/16/21 10:00	12/16/21 10:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/16/21 10:00	12/16/21 10:46	1
1,4-Difluorobenzene (Surr)	103		70 - 130	12/16/21 10:00	12/16/21 10:46	1

Lab Sample ID: LCS 880-14936/1-A

Matrix: Solid

Analysis Batch: 14891

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08538		mg/Kg		85	70 - 130
Toluene	0.100	0.09109		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09631		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1884		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09197		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-14936/2-A

Matrix: Solid

Analysis Batch: 14891

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 14936

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08995		mg/Kg		90	70 - 130	5	35
Toluene	0.100	0.09202		mg/Kg		92	70 - 130	1	35
Ethylbenzene	0.100	0.1005		mg/Kg		101	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1895		mg/Kg		95	70 - 130	1	35
o-Xylene	0.100	0.09398		mg/Kg		94	70 - 130	2	35

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-9414-21 MS

Matrix: Solid

Analysis Batch: 14891

Client Sample ID: T-3 (5')

Prep Type: Total/NA

Prep Batch: 14936

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U	0.0998	0.08864		mg/Kg		89	70 - 130
Toluene	0.00399		0.0998	0.09438		mg/Kg		91	70 - 130
Ethylbenzene	0.00998		0.0998	0.1035		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.00472		0.200	0.1976		mg/Kg		97	70 - 130
o-Xylene	0.00443		0.0998	0.09421		mg/Kg		90	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-9414-21 MSD

Matrix: Solid

Analysis Batch: 14891

Client Sample ID: T-3 (5')

Prep Type: Total/NA

Prep Batch: 14936

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00202	U	0.0994	0.08911		mg/Kg		90	70 - 130	1	35
Toluene	0.00399		0.0994	0.09062		mg/Kg		87	70 - 130	4	35
Ethylbenzene	0.00998		0.0994	0.09812		mg/Kg		89	70 - 130	5	35
m-Xylene & p-Xylene	0.00472		0.199	0.1900		mg/Kg		93	70 - 130	4	35
o-Xylene	0.00443		0.0994	0.09286		mg/Kg		89	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-14937/5-A

Matrix: Solid

Analysis Batch: 14890

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14937

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/16/21 23:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/16/21 23:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/16/21 23:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/16/21 11:20	12/16/21 23:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/21 11:20	12/16/21 23:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/16/21 11:20	12/16/21 23:14	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	111		70 - 130	12/16/21 11:20	12/16/21 23:14	1			
1,4-Difluorobenzene (Surr)	100		70 - 130	12/16/21 11:20	12/16/21 23:14	1			

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QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-14937/1-A

Matrix: Solid

Analysis Batch: 14890

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08252		mg/Kg		83	70 - 130
Toluene	0.100	0.08213		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.08376		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1748		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08558		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-14937/2-A

Matrix: Solid

Analysis Batch: 14890

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 14937

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08462		mg/Kg		85	70 - 130	3	35
Toluene	0.100	0.08018		mg/Kg		80	70 - 130	2	35
Ethylbenzene	0.100	0.08223		mg/Kg		82	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1664		mg/Kg		83	70 - 130	5	35
o-Xylene	0.100	0.08167		mg/Kg		82	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-9414-1 MS

Matrix: Solid

Analysis Batch: 14890

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

Prep Type: Total/NA

Prep Batch: 14937

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00201	U F1	0.101	0.03860	F1	mg/Kg		37	70 - 130
Toluene	<0.00201	U F1	0.101	0.03384	F1	mg/Kg		32	70 - 130
Ethylbenzene	0.0274	F1	0.101	0.08984	F1	mg/Kg		62	70 - 130
m-Xylene & p-Xylene	0.0731		0.202	0.2300		mg/Kg		78	70 - 130
o-Xylene	0.0498	F1 F2	0.101	0.1084	F1	mg/Kg		58	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	76		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-9414-1 MSD

Matrix: Solid

Analysis Batch: 14890

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

Prep Type: Total/NA

Prep Batch: 14937

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.03484	F1	mg/Kg		34	70 - 130	10	35
Toluene	<0.00201	U F1	0.0990	0.03054	F1	mg/Kg		29	70 - 130	10	35
Ethylbenzene	0.0274	F1	0.0990	0.1033		mg/Kg		77	70 - 130	14	35

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QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9414-1 MSD

Matrix: Solid

Analysis Batch: 14890

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

Prep Type: Total/NA

Prep Batch: 14937

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	0.0731		0.198	0.2871		mg/Kg		108	70 - 130	22	35
o-Xylene	0.0498	F1 F2	0.0990	0.1636	F2	mg/Kg		115	70 - 130	41	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	113		70 - 130								
1,4-Difluorobenzene (Surr)	99		70 - 130								

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

Lab Sample ID: MB 880-14973/1-A

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14973

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		12/16/21 14:18	12/19/21 00:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 00:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:18	12/19/21 00:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				12/16/21 14:18	12/19/21 00:17	1
o-Terphenyl	113		70 - 130				12/16/21 14:18	12/19/21 00:17	1

Lab Sample ID: LCS 880-14973/2-A

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14973

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	798.0		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	908.9		mg/Kg		91	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	104		70 - 130						

Lab Sample ID: LCSD 880-14973/3-A

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 14973

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	697.0		mg/Kg		70	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	767.4		mg/Kg		77	70 - 130	17	20

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QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-14973/3-A

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 14973

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: 880-9414-6 MS

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: T-1 (5')

Prep Type: Total/NA

Prep Batch: 14973

	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	889.0		mg/Kg		85	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	996	881.7		mg/Kg		86	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	85		70 - 130							
o-Terphenyl	92		70 - 130							

Lab Sample ID: 880-9414-6 MSD

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: T-1 (5')

Prep Type: Total/NA

Prep Batch: 14973

	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	995	919.0		mg/Kg		88	70 - 130	3	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	995	945.3		mg/Kg		92	70 - 130	7	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	91		70 - 130									
o-Terphenyl	100		70 - 130									

Lab Sample ID: MB 880-14974/1-A

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14974

	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		12/16/21 14:22	12/18/21 14:14	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 14:14	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:22	12/18/21 14:14	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	90		70 - 130				12/16/21 14:22	12/18/21 14:14	1		
o-Terphenyl	102		70 - 130				12/16/21 14:22	12/18/21 14:14	1		

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QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-14974/2-A

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14974

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	973.6		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	737.1		mg/Kg		74	70 - 130		

Lab Sample ID: LCSD 880-14974/3-A

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 14974

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	896.2		mg/Kg		90	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	773.0		mg/Kg		77	70 - 130	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	82		70 - 130								
o-Terphenyl	86		70 - 130								

Lab Sample ID: 880-9414-21 MS

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: T-3 (5')

Prep Type: Total/NA

Prep Batch: 14974

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	72.9		996	1037		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	55.6		996	1152		mg/Kg		110	70 - 130		

Lab Sample ID: 880-9414-21 MSD

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: T-3 (5')

Prep Type: Total/NA

Prep Batch: 14974

	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	72.9		995	1068		mg/Kg		100	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	55.6		995	1165		mg/Kg		112	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	108		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9414-21 MSD

Matrix: Solid

Analysis Batch: 15107

Client Sample ID: T-3 (5')

Prep Type: Total/NA

Prep Batch: 14974

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	119		70 - 130

Lab Sample ID: MB 880-14975/1-A

Matrix: Solid

Analysis Batch: 15160

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 14975

	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		12/16/21 14:25	12/20/21 12:33	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/16/21 14:25	12/20/21 12:33	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/16/21 14:25	12/20/21 12:33	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	135	S1+	70 - 130				12/16/21 14:25	12/20/21 12:33	1	
<i>o</i> -Terphenyl	144	S1+	70 - 130				12/16/21 14:25	12/20/21 12:33	1	

Lab Sample ID: LCS 880-14975/2-A

Matrix: Solid

Analysis Batch: 15160

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14975

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1158		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1102		mg/Kg		110	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	123		70 - 130								
<i>o</i> -Terphenyl	117		70 - 130								

Lab Sample ID: LCSD 880-14975/3-A

Matrix: Solid

Analysis Batch: 15160

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 14975

			Spike	LCSD	LCSD				%Rec.		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1291		mg/Kg		129	70 - 130	11	20	
Diesel Range Organics (Over C10-C28)			1000	1102		mg/Kg		110	70 - 130	0	20	
Surrogate	LCSD	LCSD										
	%Recovery	Qualifier	Limits									
1-Chlorooctane	121		70 - 130									
<i>o</i> -Terphenyl	121		70 - 130									

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9414-44 MS

Matrix: Solid

Analysis Batch: 15160

Client Sample ID: T-5 (5')

Prep Type: Total/NA

Prep Batch: 14975

	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	1260		mg/Kg		122	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	974.5		mg/Kg		93	70 - 130		

Lab Sample ID: 880-9414-44 MSD

Matrix: Solid

Analysis Batch: 15160

Client Sample ID: T-5 (5')

Prep Type: Total/NA

Prep Batch: 14975

	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	995	1278		mg/Kg		123	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	995	1047		mg/Kg		101	70 - 130	7	20
		</									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-14940/1-A

Matrix: Solid

Analysis Batch: 14980

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			12/16/21 15:44	1

Lab Sample ID: LCS 880-14940/2-A

Matrix: Solid

Analysis Batch: 14980

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	254.1		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-14940/3-A

Matrix: Solid

Analysis Batch: 14980

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	254.0		mg/Kg		102	90 - 110	0	20

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1719-A-1-E MS

Matrix: Solid

Analysis Batch: 14980

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	437		248	667.4		mg/Kg		93	90 - 110

Lab Sample ID: 890-1719-A-1-F MSD

Matrix: Solid

Analysis Batch: 14980

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	437		248	667.3		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-14941/1-A

Matrix: Solid

Analysis Batch: 15074

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			12/19/21 22:24	1

Lab Sample ID: LCS 880-14941/2-A

Matrix: Solid

Analysis Batch: 15074

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	263.7		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-14941/3-A

Matrix: Solid

Analysis Batch: 15074

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	268.8		mg/Kg		108	90 - 110	2	20

Lab Sample ID: 880-9410-A-1-F MS

Matrix: Solid

Analysis Batch: 15074

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	803	F1	1250	2234	F1	mg/Kg		115	90 - 110

Lab Sample ID: 880-9410-A-1-G MSD

Matrix: Solid

Analysis Batch: 15074

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	803	F1	1250	2252	F1	mg/Kg		116	90 - 110	1	20

Lab Sample ID: 880-9413-A-2-C MS

Matrix: Solid

Analysis Batch: 15074

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	56.9		248	324.3		mg/Kg		108	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-9413-A-2-D MSD

Matrix: Solid

Analysis Batch: 15074

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	56.9		248	327.9		mg/Kg		109	90 - 110	1	20

Lab Sample ID: MB 880-14942/1-A

Matrix: Solid

Analysis Batch: 15129

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			12/18/21 21:40	1

Lab Sample ID: LCS 880-14942/2-A

Matrix: Solid

Analysis Batch: 15129

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	264.0		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-14942/3-A

Matrix: Solid

Analysis Batch: 15129

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	263.8		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-9414-9 MS

Matrix: Solid

Analysis Batch: 15129

Client Sample ID: T-2 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	11600	F1	4990	18320	F1	mg/Kg		134	90 - 110

Lab Sample ID: 880-9414-9 MSD

Matrix: Solid

Analysis Batch: 15129

Client Sample ID: T-2 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	11600	F1	4990	18220	F1	mg/Kg		132	90 - 110	1	20

Lab Sample ID: 880-9414-19 MS

Matrix: Solid

Analysis Batch: 15129

Client Sample ID: T-3 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	13000		5000	18500		mg/Kg		109	90 - 110

Lab Sample ID: 880-9414-19 MSD

Matrix: Solid

Analysis Batch: 15129

Client Sample ID: T-3 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13000		5000	18460		mg/Kg		108	90 - 110	0	20

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-14943/1-A

Matrix: Solid

Analysis Batch: 15130

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			12/19/21 11:59	1

Lab Sample ID: LCS 880-14943/2-A

Matrix: Solid

Analysis Batch: 15130

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	262.5		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-14943/3-A

Matrix: Solid

Analysis Batch: 15130

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	261.7		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-9414-29 MS

Matrix: Solid

Analysis Batch: 15130

Client Sample ID: T-4 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7270		2530	9873		mg/Kg		103	90 - 110

Lab Sample ID: 880-9414-29 MSD

Matrix: Solid

Analysis Batch: 15130

Client Sample ID: T-4 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7270		2530	9867		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-9414-39 MS

Matrix: Solid

Analysis Batch: 15130

Client Sample ID: T-5 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	9310		2490	11590		mg/Kg		92	90 - 110

Lab Sample ID: 880-9414-39 MSD

Matrix: Solid

Analysis Batch: 15130

Client Sample ID: T-5 (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	9310		2490	11600		mg/Kg		92	90 - 110	0	20

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 14827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-14827/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 14890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-1	T-1 (0-1')	Total/NA	Solid	8021B	14937
880-9414-2	T-1 (1')	Total/NA	Solid	8021B	14937
880-9414-3	T-1 (2')	Total/NA	Solid	8021B	14937
880-9414-4	T-1 (3')	Total/NA	Solid	8021B	14937
880-9414-5	T-1 (4')	Total/NA	Solid	8021B	14937
880-9414-6	T-1 (5')	Total/NA	Solid	8021B	14937
880-9414-7	T-1 (6')	Total/NA	Solid	8021B	14937
880-9414-8	T-2 (0-1')	Total/NA	Solid	8021B	14937
880-9414-9	T-2 (1')	Total/NA	Solid	8021B	14937
880-9414-10	T-2 (2')	Total/NA	Solid	8021B	14937
880-9414-11	T-2 (3')	Total/NA	Solid	8021B	14937
880-9414-12	T-2 (4')	Total/NA	Solid	8021B	14937
880-9414-13	T-2 (5')	Total/NA	Solid	8021B	14937
880-9414-14	T-2 (6')	Total/NA	Solid	8021B	14937
880-9414-15	T-2 (7')	Total/NA	Solid	8021B	14937
880-9414-16	T-3 (0-1')	Total/NA	Solid	8021B	14937
880-9414-17	T-3 (1')	Total/NA	Solid	8021B	14937
880-9414-18	T-3 (2')	Total/NA	Solid	8021B	14937
880-9414-19	T-3 (3')	Total/NA	Solid	8021B	14937
880-9414-20	T-3 (4')	Total/NA	Solid	8021B	14937
MB 880-14827/5-A	Method Blank	Total/NA	Solid	8021B	14827
MB 880-14937/5-A	Method Blank	Total/NA	Solid	8021B	14937
LCS 880-14937/1-A	Lab Control Sample	Total/NA	Solid	8021B	14937
LCSD 880-14937/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	14937
880-9414-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	14937
880-9414-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	14937

Analysis Batch: 14891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-21	T-3 (5')	Total/NA	Solid	8021B	14936
880-9414-22	T-3 (6')	Total/NA	Solid	8021B	14936
880-9414-23	T-3 (7')	Total/NA	Solid	8021B	14936
880-9414-24	T-3 (8')	Total/NA	Solid	8021B	14936
880-9414-25	T-3 (9')	Total/NA	Solid	8021B	14936
880-9414-26	T-3 (10')	Total/NA	Solid	8021B	14936
880-9414-27	T-4 (0-1')	Total/NA	Solid	8021B	14936
880-9414-28	T-4 (1')	Total/NA	Solid	8021B	14936
880-9414-29	T-4 (2')	Total/NA	Solid	8021B	14936
880-9414-30	T-4 (3')	Total/NA	Solid	8021B	14936
880-9414-31	T-4 (4')	Total/NA	Solid	8021B	14936
880-9414-32	T-4 (5')	Total/NA	Solid	8021B	14936
880-9414-33	T-4 (6')	Total/NA	Solid	8021B	14936
880-9414-34	T-4 (7')	Total/NA	Solid	8021B	14936
880-9414-35	T-4 (8')	Total/NA	Solid	8021B	14936
880-9414-36	T-4 (9')	Total/NA	Solid	8021B	14936
880-9414-37	T-4 (10')	Total/NA	Solid	8021B	14936
880-9414-38	T-4 (11')	Total/NA	Solid	8021B	14936

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 14891 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-39	T-5 (0-1')	Total/NA	Solid	8021B	14936
880-9414-40	T-5 (1')	Total/NA	Solid	8021B	14936
MB 880-14936/5-A	Method Blank	Total/NA	Solid	8021B	14936
LCS 880-14936/1-A	Lab Control Sample	Total/NA	Solid	8021B	14936
LCSD 880-14936/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	14936
880-9414-21 MS	T-3 (5')	Total/NA	Solid	8021B	14936
880-9414-21 MSD	T-3 (5')	Total/NA	Solid	8021B	14936

Analysis Batch: 14907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-41	T-5 (2')	Total/NA	Solid	8021B	14933
880-9414-42	T-5 (3')	Total/NA	Solid	8021B	14933
880-9414-43	T-5 (4')	Total/NA	Solid	8021B	14933
880-9414-44	T-5 (5')	Total/NA	Solid	8021B	14933
880-9414-45	T-5 (6')	Total/NA	Solid	8021B	14933
880-9414-46	T-5 (7')	Total/NA	Solid	8021B	14933
880-9414-47	T-5 (8')	Total/NA	Solid	8021B	14933
880-9414-48	T-5 (9')	Total/NA	Solid	8021B	14933
880-9414-49	T-5 (10')	Total/NA	Solid	8021B	14933
880-9414-50	T-5 (11')	Total/NA	Solid	8021B	14933
MB 880-14907/8	Method Blank	Total/NA	Solid	8021B	
MB 880-14933/5-A	Method Blank	Total/NA	Solid	8021B	14933
LCS 880-14933/1-A	Lab Control Sample	Total/NA	Solid	8021B	14933
LCSD 880-14933/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	14933
880-9411-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	14933
880-9411-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	14933

Prep Batch: 14933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-41	T-5 (2')	Total/NA	Solid	5035	
880-9414-42	T-5 (3')	Total/NA	Solid	5035	
880-9414-43	T-5 (4')	Total/NA	Solid	5035	
880-9414-44	T-5 (5')	Total/NA	Solid	5035	
880-9414-45	T-5 (6')	Total/NA	Solid	5035	
880-9414-46	T-5 (7')	Total/NA	Solid	5035	
880-9414-47	T-5 (8')	Total/NA	Solid	5035	
880-9414-48	T-5 (9')	Total/NA	Solid	5035	
880-9414-49	T-5 (10')	Total/NA	Solid	5035	
880-9414-50	T-5 (11')	Total/NA	Solid	5035	
MB 880-14933/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-14933/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-14933/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9411-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-9411-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 14936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-21	T-3 (5')	Total/NA	Solid	5035	
880-9414-22	T-3 (6')	Total/NA	Solid	5035	
880-9414-23	T-3 (7')	Total/NA	Solid	5035	
880-9414-24	T-3 (8')	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 14936 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-25	T-3 (9')	Total/NA	Solid	5035	
880-9414-26	T-3 (10')	Total/NA	Solid	5035	
880-9414-27	T-4 (0-1')	Total/NA	Solid	5035	
880-9414-28	T-4 (1')	Total/NA	Solid	5035	
880-9414-29	T-4 (2')	Total/NA	Solid	5035	
880-9414-30	T-4 (3')	Total/NA	Solid	5035	
880-9414-31	T-4 (4')	Total/NA	Solid	5035	
880-9414-32	T-4 (5')	Total/NA	Solid	5035	
880-9414-33	T-4 (6')	Total/NA	Solid	5035	
880-9414-34	T-4 (7')	Total/NA	Solid	5035	
880-9414-35	T-4 (8')	Total/NA	Solid	5035	
880-9414-36	T-4 (9')	Total/NA	Solid	5035	
880-9414-37	T-4 (10')	Total/NA	Solid	5035	
880-9414-38	T-4 (11')	Total/NA	Solid	5035	
880-9414-39	T-5 (0-1')	Total/NA	Solid	5035	
880-9414-40	T-5 (1')	Total/NA	Solid	5035	
MB 880-14936/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-14936/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-14936/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9414-21 MS	T-3 (5')	Total/NA	Solid	5035	
880-9414-21 MSD	T-3 (5')	Total/NA	Solid	5035	

Prep Batch: 14937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-1	T-1 (0-1')	Total/NA	Solid	5035	
880-9414-2	T-1 (1')	Total/NA	Solid	5035	
880-9414-3	T-1 (2')	Total/NA	Solid	5035	
880-9414-4	T-1 (3')	Total/NA	Solid	5035	
880-9414-5	T-1 (4')	Total/NA	Solid	5035	
880-9414-6	T-1 (5')	Total/NA	Solid	5035	
880-9414-7	T-1 (6')	Total/NA	Solid	5035	
880-9414-8	T-2 (0-1')	Total/NA	Solid	5035	
880-9414-9	T-2 (1')	Total/NA	Solid	5035	
880-9414-10	T-2 (2')	Total/NA	Solid	5035	
880-9414-11	T-2 (3')	Total/NA	Solid	5035	
880-9414-12	T-2 (4')	Total/NA	Solid	5035	
880-9414-13	T-2 (5')	Total/NA	Solid	5035	
880-9414-14	T-2 (6')	Total/NA	Solid	5035	
880-9414-15	T-2 (7')	Total/NA	Solid	5035	
880-9414-16	T-3 (0-1')	Total/NA	Solid	5035	
880-9414-17	T-3 (1')	Total/NA	Solid	5035	
880-9414-18	T-3 (2')	Total/NA	Solid	5035	
880-9414-19	T-3 (3')	Total/NA	Solid	5035	
880-9414-20	T-3 (4')	Total/NA	Solid	5035	
MB 880-14937/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-14937/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-14937/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9414-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-9414-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 15026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-21	T-3 (5')	Total/NA	Solid	Total BTEX	
880-9414-22	T-3 (6')	Total/NA	Solid	Total BTEX	
880-9414-23	T-3 (7')	Total/NA	Solid	Total BTEX	
880-9414-24	T-3 (8')	Total/NA	Solid	Total BTEX	
880-9414-25	T-3 (9')	Total/NA	Solid	Total BTEX	
880-9414-26	T-3 (10')	Total/NA	Solid	Total BTEX	
880-9414-27	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-9414-28	T-4 (1')	Total/NA	Solid	Total BTEX	
880-9414-29	T-4 (2')	Total/NA	Solid	Total BTEX	
880-9414-30	T-4 (3')	Total/NA	Solid	Total BTEX	
880-9414-31	T-4 (4')	Total/NA	Solid	Total BTEX	
880-9414-32	T-4 (5')	Total/NA	Solid	Total BTEX	
880-9414-33	T-4 (6')	Total/NA	Solid	Total BTEX	
880-9414-34	T-4 (7')	Total/NA	Solid	Total BTEX	
880-9414-35	T-4 (8')	Total/NA	Solid	Total BTEX	
880-9414-36	T-4 (9')	Total/NA	Solid	Total BTEX	
880-9414-37	T-4 (10')	Total/NA	Solid	Total BTEX	
880-9414-38	T-4 (11')	Total/NA	Solid	Total BTEX	
880-9414-39	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-9414-40	T-5 (1')	Total/NA	Solid	Total BTEX	

Analysis Batch: 15035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-9414-2	T-1 (1')	Total/NA	Solid	Total BTEX	
880-9414-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-9414-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-9414-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-9414-6	T-1 (5')	Total/NA	Solid	Total BTEX	
880-9414-7	T-1 (6')	Total/NA	Solid	Total BTEX	
880-9414-8	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-9414-9	T-2 (1')	Total/NA	Solid	Total BTEX	
880-9414-10	T-2 (2')	Total/NA	Solid	Total BTEX	
880-9414-11	T-2 (3')	Total/NA	Solid	Total BTEX	
880-9414-12	T-2 (4')	Total/NA	Solid	Total BTEX	
880-9414-13	T-2 (5')	Total/NA	Solid	Total BTEX	
880-9414-14	T-2 (6')	Total/NA	Solid	Total BTEX	
880-9414-15	T-2 (7')	Total/NA	Solid	Total BTEX	
880-9414-16	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-9414-17	T-3 (1')	Total/NA	Solid	Total BTEX	
880-9414-18	T-3 (2')	Total/NA	Solid	Total BTEX	
880-9414-19	T-3 (3')	Total/NA	Solid	Total BTEX	
880-9414-20	T-3 (4')	Total/NA	Solid	Total BTEX	

Analysis Batch: 15042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-41	T-5 (2')	Total/NA	Solid	Total BTEX	
880-9414-42	T-5 (3')	Total/NA	Solid	Total BTEX	
880-9414-43	T-5 (4')	Total/NA	Solid	Total BTEX	
880-9414-44	T-5 (5')	Total/NA	Solid	Total BTEX	
880-9414-45	T-5 (6')	Total/NA	Solid	Total BTEX	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 15042 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-46	T-5 (7')	Total/NA	Solid	Total BTEX	
880-9414-47	T-5 (8')	Total/NA	Solid	Total BTEX	
880-9414-48	T-5 (9')	Total/NA	Solid	Total BTEX	
880-9414-49	T-5 (10')	Total/NA	Solid	Total BTEX	
880-9414-50	T-5 (11')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 14973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-9414-2	T-1 (1')	Total/NA	Solid	8015NM Prep	
880-9414-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-9414-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-9414-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-9414-6	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-9414-7	T-1 (6')	Total/NA	Solid	8015NM Prep	
880-9414-8	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-9414-9	T-2 (1')	Total/NA	Solid	8015NM Prep	
880-9414-10	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-9414-11	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-9414-12	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-9414-13	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-9414-14	T-2 (6')	Total/NA	Solid	8015NM Prep	
880-9414-15	T-2 (7')	Total/NA	Solid	8015NM Prep	
880-9414-16	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-9414-17	T-3 (1')	Total/NA	Solid	8015NM Prep	
880-9414-18	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-9414-19	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-9414-20	T-3 (4')	Total/NA	Solid	8015NM Prep	
MB 880-14973/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-14973/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-14973/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9414-6 MS	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-9414-6 MSD	T-1 (5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 14974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-21	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-9414-22	T-3 (6')	Total/NA	Solid	8015NM Prep	
880-9414-23	T-3 (7')	Total/NA	Solid	8015NM Prep	
880-9414-24	T-3 (8')	Total/NA	Solid	8015NM Prep	
880-9414-25	T-3 (9')	Total/NA	Solid	8015NM Prep	
880-9414-26	T-3 (10')	Total/NA	Solid	8015NM Prep	
880-9414-27	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-9414-28	T-4 (1')	Total/NA	Solid	8015NM Prep	
880-9414-29	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-9414-30	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-9414-31	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-9414-32	T-4 (5')	Total/NA	Solid	8015NM Prep	
880-9414-33	T-4 (6')	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 14974 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-34	T-4 (7')	Total/NA	Solid	8015NM Prep	
880-9414-35	T-4 (8')	Total/NA	Solid	8015NM Prep	
880-9414-36	T-4 (9')	Total/NA	Solid	8015NM Prep	
880-9414-37	T-4 (10')	Total/NA	Solid	8015NM Prep	
880-9414-38	T-4 (11')	Total/NA	Solid	8015NM Prep	
880-9414-39	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-9414-40	T-5 (1')	Total/NA	Solid	8015NM Prep	
MB 880-14974/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-14974/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-14974/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9414-21 MS	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-9414-21 MSD	T-3 (5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 14975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-41	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-9414-42	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-9414-43	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-9414-44	T-5 (5')	Total/NA	Solid	8015NM Prep	
880-9414-45	T-5 (6')	Total/NA	Solid	8015NM Prep	
880-9414-46	T-5 (7')	Total/NA	Solid	8015NM Prep	
880-9414-47	T-5 (8')	Total/NA	Solid	8015NM Prep	
880-9414-48	T-5 (9')	Total/NA	Solid	8015NM Prep	
880-9414-49	T-5 (10')	Total/NA	Solid	8015NM Prep	
880-9414-50	T-5 (11')	Total/NA	Solid	8015NM Prep	
MB 880-14975/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-14975/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-14975/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9414-44 MS	T-5 (5')	Total/NA	Solid	8015NM Prep	
880-9414-44 MSD	T-5 (5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 15107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-1	T-1 (0-1')	Total/NA	Solid	8015B NM	14973
880-9414-2	T-1 (1')	Total/NA	Solid	8015B NM	14973
880-9414-3	T-1 (2')	Total/NA	Solid	8015B NM	14973
880-9414-4	T-1 (3')	Total/NA	Solid	8015B NM	14973
880-9414-5	T-1 (4')	Total/NA	Solid	8015B NM	14973
880-9414-6	T-1 (5')	Total/NA	Solid	8015B NM	14973
880-9414-7	T-1 (6')	Total/NA	Solid	8015B NM	14973
880-9414-8	T-2 (0-1')	Total/NA	Solid	8015B NM	14973
880-9414-9	T-2 (1')	Total/NA	Solid	8015B NM	14973
880-9414-10	T-2 (2')	Total/NA	Solid	8015B NM	14973
880-9414-11	T-2 (3')	Total/NA	Solid	8015B NM	14973
880-9414-12	T-2 (4')	Total/NA	Solid	8015B NM	14973
880-9414-13	T-2 (5')	Total/NA	Solid	8015B NM	14973
880-9414-14	T-2 (6')	Total/NA	Solid	8015B NM	14973
880-9414-15	T-2 (7')	Total/NA	Solid	8015B NM	14973
880-9414-16	T-3 (0-1')	Total/NA	Solid	8015B NM	14973
880-9414-17	T-3 (1')	Total/NA	Solid	8015B NM	14973
880-9414-18	T-3 (2')	Total/NA	Solid	8015B NM	14973

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 15107 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-19	T-3 (3')	Total/NA	Solid	8015B NM	14973
880-9414-20	T-3 (4')	Total/NA	Solid	8015B NM	14973
880-9414-21	T-3 (5')	Total/NA	Solid	8015B NM	14974
880-9414-22	T-3 (6')	Total/NA	Solid	8015B NM	14974
880-9414-23	T-3 (7')	Total/NA	Solid	8015B NM	14974
880-9414-24	T-3 (8')	Total/NA	Solid	8015B NM	14974
880-9414-25	T-3 (9')	Total/NA	Solid	8015B NM	14974
880-9414-26	T-3 (10')	Total/NA	Solid	8015B NM	14974
880-9414-27	T-4 (0-1')	Total/NA	Solid	8015B NM	14974
880-9414-28	T-4 (1')	Total/NA	Solid	8015B NM	14974
880-9414-29	T-4 (2')	Total/NA	Solid	8015B NM	14974
880-9414-30	T-4 (3')	Total/NA	Solid	8015B NM	14974
880-9414-31	T-4 (4')	Total/NA	Solid	8015B NM	14974
880-9414-32	T-4 (5')	Total/NA	Solid	8015B NM	14974
880-9414-33	T-4 (6')	Total/NA	Solid	8015B NM	14974
880-9414-34	T-4 (7')	Total/NA	Solid	8015B NM	14974
880-9414-35	T-4 (8')	Total/NA	Solid	8015B NM	14974
880-9414-36	T-4 (9')	Total/NA	Solid	8015B NM	14974
880-9414-37	T-4 (10')	Total/NA	Solid	8015B NM	14974
880-9414-38	T-4 (11')	Total/NA	Solid	8015B NM	14974
880-9414-39	T-5 (0-1')	Total/NA	Solid	8015B NM	14974
880-9414-40	T-5 (1')	Total/NA	Solid	8015B NM	14974
MB 880-14973/1-A	Method Blank	Total/NA	Solid	8015B NM	14973
MB 880-14974/1-A	Method Blank	Total/NA	Solid	8015B NM	14974
LCS 880-14973/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	14973
LCS 880-14974/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	14974
LCSD 880-14973/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	14973
LCSD 880-14974/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	14974
880-9414-6 MS	T-1 (5')	Total/NA	Solid	8015B NM	14973
880-9414-6 MSD	T-1 (5')	Total/NA	Solid	8015B NM	14973
880-9414-21 MS	T-3 (5')	Total/NA	Solid	8015B NM	14974
880-9414-21 MSD	T-3 (5')	Total/NA	Solid	8015B NM	14974

Analysis Batch: 15160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-41	T-5 (2')	Total/NA	Solid	8015B NM	14975
880-9414-42	T-5 (3')	Total/NA	Solid	8015B NM	14975
880-9414-43	T-5 (4')	Total/NA	Solid	8015B NM	14975
880-9414-44	T-5 (5')	Total/NA	Solid	8015B NM	14975
880-9414-45	T-5 (6')	Total/NA	Solid	8015B NM	14975
880-9414-46	T-5 (7')	Total/NA	Solid	8015B NM	14975
880-9414-47	T-5 (8')	Total/NA	Solid	8015B NM	14975
880-9414-48	T-5 (9')	Total/NA	Solid	8015B NM	14975
880-9414-49	T-5 (10')	Total/NA	Solid	8015B NM	14975
880-9414-50	T-5 (11')	Total/NA	Solid	8015B NM	14975
MB 880-14975/1-A	Method Blank	Total/NA	Solid	8015B NM	14975
LCS 880-14975/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	14975
LCSD 880-14975/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	14975
880-9414-44 MS	T-5 (5')	Total/NA	Solid	8015B NM	14975
880-9414-44 MSD	T-5 (5')	Total/NA	Solid	8015B NM	14975

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

GC Semi VOA

Analysis Batch: 15169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-9414-2	T-1 (1')	Total/NA	Solid	8015 NM	
880-9414-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-9414-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-9414-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-9414-6	T-1 (5')	Total/NA	Solid	8015 NM	
880-9414-7	T-1 (6')	Total/NA	Solid	8015 NM	
880-9414-8	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-9414-9	T-2 (1')	Total/NA	Solid	8015 NM	
880-9414-10	T-2 (2')	Total/NA	Solid	8015 NM	
880-9414-11	T-2 (3')	Total/NA	Solid	8015 NM	
880-9414-12	T-2 (4')	Total/NA	Solid	8015 NM	
880-9414-13	T-2 (5')	Total/NA	Solid	8015 NM	
880-9414-14	T-2 (6')	Total/NA	Solid	8015 NM	
880-9414-15	T-2 (7')	Total/NA	Solid	8015 NM	
880-9414-16	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-9414-17	T-3 (1')	Total/NA	Solid	8015 NM	
880-9414-18	T-3 (2')	Total/NA	Solid	8015 NM	
880-9414-19	T-3 (3')	Total/NA	Solid	8015 NM	
880-9414-20	T-3 (4')	Total/NA	Solid	8015 NM	
880-9414-21	T-3 (5')	Total/NA	Solid	8015 NM	
880-9414-22	T-3 (6')	Total/NA	Solid	8015 NM	
880-9414-23	T-3 (7')	Total/NA	Solid	8015 NM	
880-9414-24	T-3 (8')	Total/NA	Solid	8015 NM	
880-9414-25	T-3 (9')	Total/NA	Solid	8015 NM	
880-9414-26	T-3 (10')	Total/NA	Solid	8015 NM	
880-9414-27	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-9414-28	T-4 (1')	Total/NA	Solid	8015 NM	
880-9414-29	T-4 (2')	Total/NA	Solid	8015 NM	
880-9414-30	T-4 (3')	Total/NA	Solid	8015 NM	
880-9414-31	T-4 (4')	Total/NA	Solid	8015 NM	
880-9414-32	T-4 (5')	Total/NA	Solid	8015 NM	
880-9414-33	T-4 (6')	Total/NA	Solid	8015 NM	
880-9414-34	T-4 (7')	Total/NA	Solid	8015 NM	
880-9414-35	T-4 (8')	Total/NA	Solid	8015 NM	
880-9414-36	T-4 (9')	Total/NA	Solid	8015 NM	
880-9414-37	T-4 (10')	Total/NA	Solid	8015 NM	
880-9414-38	T-4 (11')	Total/NA	Solid	8015 NM	
880-9414-39	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-9414-40	T-5 (1')	Total/NA	Solid	8015 NM	

Analysis Batch: 15281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-41	T-5 (2')	Total/NA	Solid	8015 NM	
880-9414-42	T-5 (3')	Total/NA	Solid	8015 NM	
880-9414-43	T-5 (4')	Total/NA	Solid	8015 NM	
880-9414-44	T-5 (5')	Total/NA	Solid	8015 NM	
880-9414-45	T-5 (6')	Total/NA	Solid	8015 NM	
880-9414-46	T-5 (7')	Total/NA	Solid	8015 NM	
880-9414-47	T-5 (8')	Total/NA	Solid	8015 NM	
880-9414-48	T-5 (9')	Total/NA	Solid	8015 NM	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 15281 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-49	T-5 (10')	Total/NA	Solid	8015 NM	
880-9414-50	T-5 (11')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 14940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-49	T-5 (10')	Soluble	Solid	DI Leach	
880-9414-50	T-5 (11')	Soluble	Solid	DI Leach	
MB 880-14940/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-14940/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-14940/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1719-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1719-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 14941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-9414-2	T-1 (1')	Soluble	Solid	DI Leach	
880-9414-3	T-1 (2')	Soluble	Solid	DI Leach	
880-9414-4	T-1 (3')	Soluble	Solid	DI Leach	
880-9414-5	T-1 (4')	Soluble	Solid	DI Leach	
880-9414-6	T-1 (5')	Soluble	Solid	DI Leach	
880-9414-7	T-1 (6')	Soluble	Solid	DI Leach	
880-9414-8	T-2 (0-1')	Soluble	Solid	DI Leach	
MB 880-14941/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-14941/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-14941/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9410-A-1-F MS	Matrix Spike	Soluble	Solid	DI Leach	
880-9410-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-9413-A-2-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-9413-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 14942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-9	T-2 (1')	Soluble	Solid	DI Leach	
880-9414-10	T-2 (2')	Soluble	Solid	DI Leach	
880-9414-11	T-2 (3')	Soluble	Solid	DI Leach	
880-9414-12	T-2 (4')	Soluble	Solid	DI Leach	
880-9414-13	T-2 (5')	Soluble	Solid	DI Leach	
880-9414-14	T-2 (6')	Soluble	Solid	DI Leach	
880-9414-15	T-2 (7')	Soluble	Solid	DI Leach	
880-9414-16	T-3 (0-1')	Soluble	Solid	DI Leach	
880-9414-17	T-3 (1')	Soluble	Solid	DI Leach	
880-9414-18	T-3 (2')	Soluble	Solid	DI Leach	
880-9414-19	T-3 (3')	Soluble	Solid	DI Leach	
880-9414-20	T-3 (4')	Soluble	Solid	DI Leach	
880-9414-21	T-3 (5')	Soluble	Solid	DI Leach	
880-9414-22	T-3 (6')	Soluble	Solid	DI Leach	
880-9414-23	T-3 (7')	Soluble	Solid	DI Leach	
880-9414-24	T-3 (8')	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 14942 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-25	T-3 (9')	Soluble	Solid	DI Leach	
880-9414-26	T-3 (10')	Soluble	Solid	DI Leach	
880-9414-27	T-4 (0-1')	Soluble	Solid	DI Leach	
880-9414-28	T-4 (1')	Soluble	Solid	DI Leach	
MB 880-14942/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-14942/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-14942/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9414-9 MS	T-2 (1')	Soluble	Solid	DI Leach	
880-9414-9 MSD	T-2 (1')	Soluble	Solid	DI Leach	
880-9414-19 MS	T-3 (3')	Soluble	Solid	DI Leach	
880-9414-19 MSD	T-3 (3')	Soluble	Solid	DI Leach	

Leach Batch: 14943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-29	T-4 (2')	Soluble	Solid	DI Leach	
880-9414-30	T-4 (3')	Soluble	Solid	DI Leach	
880-9414-31	T-4 (4')	Soluble	Solid	DI Leach	
880-9414-32	T-4 (5')	Soluble	Solid	DI Leach	
880-9414-33	T-4 (6')	Soluble	Solid	DI Leach	
880-9414-34	T-4 (7')	Soluble	Solid	DI Leach	
880-9414-35	T-4 (8')	Soluble	Solid	DI Leach	
880-9414-36	T-4 (9')	Soluble	Solid	DI Leach	
880-9414-37	T-4 (10')	Soluble	Solid	DI Leach	
880-9414-38	T-4 (11')	Soluble	Solid	DI Leach	
880-9414-39	T-5 (0-1')	Soluble	Solid	DI Leach	
880-9414-40	T-5 (1')	Soluble	Solid	DI Leach	
880-9414-41	T-5 (2')	Soluble	Solid	DI Leach	
880-9414-42	T-5 (3')	Soluble	Solid	DI Leach	
880-9414-43	T-5 (4')	Soluble	Solid	DI Leach	
880-9414-44	T-5 (5')	Soluble	Solid	DI Leach	
880-9414-45	T-5 (6')	Soluble	Solid	DI Leach	
880-9414-46	T-5 (7')	Soluble	Solid	DI Leach	
880-9414-47	T-5 (8')	Soluble	Solid	DI Leach	
880-9414-48	T-5 (9')	Soluble	Solid	DI Leach	
MB 880-14943/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-14943/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-14943/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9414-29 MS	T-4 (2')	Soluble	Solid	DI Leach	
880-9414-29 MSD	T-4 (2')	Soluble	Solid	DI Leach	
880-9414-39 MS	T-5 (0-1')	Soluble	Solid	DI Leach	
880-9414-39 MSD	T-5 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 14980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-49	T-5 (10')	Soluble	Solid	300.0	14940
880-9414-50	T-5 (11')	Soluble	Solid	300.0	14940
MB 880-14940/1-A	Method Blank	Soluble	Solid	300.0	14940
LCS 880-14940/2-A	Lab Control Sample	Soluble	Solid	300.0	14940
LCSD 880-14940/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	14940
890-1719-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	14940
890-1719-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	14940

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

HPLC/IC

Analysis Batch: 15074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-1	T-1 (0-1')	Soluble	Solid	300.0	14941
880-9414-2	T-1 (1')	Soluble	Solid	300.0	14941
880-9414-3	T-1 (2')	Soluble	Solid	300.0	14941
880-9414-4	T-1 (3')	Soluble	Solid	300.0	14941
880-9414-5	T-1 (4')	Soluble	Solid	300.0	14941
880-9414-6	T-1 (5')	Soluble	Solid	300.0	14941
880-9414-7	T-1 (6')	Soluble	Solid	300.0	14941
880-9414-8	T-2 (0-1')	Soluble	Solid	300.0	14941
MB 880-14941/1-A	Method Blank	Soluble	Solid	300.0	14941
LCS 880-14941/2-A	Lab Control Sample	Soluble	Solid	300.0	14941
LCSD 880-14941/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	14941
880-9410-A-1-F MS	Matrix Spike	Soluble	Solid	300.0	14941
880-9410-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	14941
880-9413-A-2-C MS	Matrix Spike	Soluble	Solid	300.0	14941
880-9413-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	14941

Analysis Batch: 15129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-9	T-2 (1')	Soluble	Solid	300.0	14942
880-9414-10	T-2 (2')	Soluble	Solid	300.0	14942
880-9414-11	T-2 (3')	Soluble	Solid	300.0	14942
880-9414-12	T-2 (4')	Soluble	Solid	300.0	14942
880-9414-13	T-2 (5')	Soluble	Solid	300.0	14942
880-9414-14	T-2 (6')	Soluble	Solid	300.0	14942
880-9414-15	T-2 (7')	Soluble	Solid	300.0	14942
880-9414-16	T-3 (0-1')	Soluble	Solid	300.0	14942
880-9414-17	T-3 (1')	Soluble	Solid	300.0	14942
880-9414-18	T-3 (2')	Soluble	Solid	300.0	14942
880-9414-19	T-3 (3')	Soluble	Solid	300.0	14942
880-9414-20	T-3 (4')	Soluble	Solid	300.0	14942
880-9414-21	T-3 (5')	Soluble	Solid	300.0	14942
880-9414-22	T-3 (6')	Soluble	Solid	300.0	14942
880-9414-23	T-3 (7')	Soluble	Solid	300.0	14942
880-9414-24	T-3 (8')	Soluble	Solid	300.0	14942
880-9414-25	T-3 (9')	Soluble	Solid	300.0	14942
880-9414-26	T-3 (10')	Soluble	Solid	300.0	14942
880-9414-27	T-4 (0-1')	Soluble	Solid	300.0	14942
880-9414-28	T-4 (1')	Soluble	Solid	300.0	14942
MB 880-14942/1-A	Method Blank	Soluble	Solid	300.0	14942
LCS 880-14942/2-A	Lab Control Sample	Soluble	Solid	300.0	14942
LCSD 880-14942/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	14942
880-9414-9 MS	T-2 (1')	Soluble	Solid	300.0	14942
880-9414-9 MSD	T-2 (1')	Soluble	Solid	300.0	14942
880-9414-19 MS	T-3 (3')	Soluble	Solid	300.0	14942
880-9414-19 MSD	T-3 (3')	Soluble	Solid	300.0	14942

Analysis Batch: 15130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-29	T-4 (2')	Soluble	Solid	300.0	14943
880-9414-30	T-4 (3')	Soluble	Solid	300.0	14943
880-9414-31	T-4 (4')	Soluble	Solid	300.0	14943

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 15130 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9414-32	T-4 (5')	Soluble	Solid	300.0	14943
880-9414-33	T-4 (6')	Soluble	Solid	300.0	14943
880-9414-34	T-4 (7')	Soluble	Solid	300.0	14943
880-9414-35	T-4 (8')	Soluble	Solid	300.0	14943
880-9414-36	T-4 (9')	Soluble	Solid	300.0	14943
880-9414-37	T-4 (10')	Soluble	Solid	300.0	14943
880-9414-38	T-4 (11')	Soluble	Solid	300.0	14943
880-9414-39	T-5 (0-1')	Soluble	Solid	300.0	14943
880-9414-40	T-5 (1')	Soluble	Solid	300.0	14943
880-9414-41	T-5 (2')	Soluble	Solid	300.0	14943
880-9414-42	T-5 (3')	Soluble	Solid	300.0	14943
880-9414-43	T-5 (4')	Soluble	Solid	300.0	14943
880-9414-44	T-5 (5')	Soluble	Solid	300.0	14943
880-9414-45	T-5 (6')	Soluble	Solid	300.0	14943
880-9414-46	T-5 (7')	Soluble	Solid	300.0	14943
880-9414-47	T-5 (8')	Soluble	Solid	300.0	14943
880-9414-48	T-5 (9')	Soluble	Solid	300.0	14943
MB 880-14943/1-A	Method Blank	Soluble	Solid	300.0	14943
LCS 880-14943/2-A	Lab Control Sample	Soluble	Solid	300.0	14943
LCSD 880-14943/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	14943
880-9414-29 MS	T-4 (2')	Soluble	Solid	300.0	14943
880-9414-29 MSD	T-4 (2')	Soluble	Solid	300.0	14943
880-9414-39 MS	T-5 (0-1')	Soluble	Solid	300.0	14943
880-9414-39 MSD	T-5 (0-1')	Soluble	Solid	300.0	14943

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9414-1

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/16/21 23:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 02:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	14941	12/16/21 12:07	CH	XEN MID
Soluble	Analysis	300.0		5			15074	12/20/21 00:43	CH	XEN MID

Client Sample ID: T-1 (1')

Lab Sample ID: 880-9414-2

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/16/21 23:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 02:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14941	12/16/21 12:07	CH	XEN MID
Soluble	Analysis	300.0		5			15074	12/20/21 15:26	CH	XEN MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-9414-3

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 00:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 02:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	14941	12/16/21 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			15074	12/20/21 01:10	CH	XEN MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-9414-4

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 00:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-1 (3')

Lab Sample ID: 880-9414-4

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 03:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14941	12/16/21 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			15074	12/20/21 01:17	CH	XEN MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-9414-5

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 00:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 03:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14941	12/16/21 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			15074	12/20/21 01:23	CH	XEN MID

Client Sample ID: T-1 (5')

Lab Sample ID: 880-9414-6

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 01:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 01:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	14941	12/16/21 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			15074	12/20/21 01:30	CH	XEN MID

Client Sample ID: T-1 (6')

Lab Sample ID: 880-9414-7

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 01:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 03:57	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-1 (6')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-7

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			5.01 g	50 mL	14941	12/16/21 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			15074	12/20/21 01:37	CH	XEN MID

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

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-8

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			5.00 g	5 mL	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 01:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 04:17	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14941	12/16/21 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			15074	12/20/21 01:43	CH	XEN MID

Client Sample ID: T-2 (1')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-9

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			5.04 g	5 mL	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 02:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 04:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		20			15129	12/18/21 22:05	SC	XEN MID

Client Sample ID: T-2 (2')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-10

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			5.02 g	5 mL	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 02:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 04:57	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		10			15129	12/18/21 22:30	SC	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-2 (3')

Lab Sample ID: 880-9414-11

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 04:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 05:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		10			15129	12/18/21 22:39	SC	XEN MID

Client Sample ID: T-2 (4')

Lab Sample ID: 880-9414-12

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 04:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 05:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		10			15129	12/18/21 22:47	SC	XEN MID

Client Sample ID: T-2 (5')

Lab Sample ID: 880-9414-13

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 04:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 06:16	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		5			15129	12/18/21 22:56	SC	XEN MID

Client Sample ID: T-2 (6')

Lab Sample ID: 880-9414-14

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 05:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-2 (6')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-14

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			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 06:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			15129	12/18/21 23:21	SC	XEN MID

Client Sample ID: T-2 (7')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 05:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 06:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			15129	12/18/21 23:29	SC	XEN MID

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

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 05:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 07:17	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		10			15129	12/18/21 23:37	SC	XEN MID

Client Sample ID: T-3 (1')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 06:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 07:37	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-3 (1')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-17

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			5.02 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		10			15129	12/18/21 23:46	SC	XEN MID

Client Sample ID: T-3 (2')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-18

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			5.01 g	5 mL	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 06:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 07:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		10			15129	12/19/21 09:39	SC	XEN MID

Client Sample ID: T-3 (3')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-19

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			4.96 g	5 mL	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 06:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 08:19	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		20			15129	12/19/21 00:02	SC	XEN MID

Client Sample ID: T-3 (4')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-20

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	14937	12/16/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14890	12/17/21 07:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15035	12/17/21 08:53	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	14973	12/16/21 14:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/19/21 08:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		20			15129	12/19/21 00:27	SC	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-3 (5')

Lab Sample ID: 880-9414-21

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14891	12/16/21 12:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 15:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		20			15129	12/19/21 00:36	SC	XEN MID

Client Sample ID: T-3 (6')

Lab Sample ID: 880-9414-22

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14891	12/16/21 12:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 17:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		20			15129	12/19/21 01:01	SC	XEN MID

Client Sample ID: T-3 (7')

Lab Sample ID: 880-9414-23

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 13:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 17:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		50			15129	12/19/21 01:09	SC	XEN MID

Client Sample ID: T-3 (8')

Lab Sample ID: 880-9414-24

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 14:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-3 (8')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 17:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		20			15129	12/19/21 01:18	SC	XEN MID

Client Sample ID: T-3 (9')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-25

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 14:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 18:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		5			15129	12/19/21 01:26	SC	XEN MID

Client Sample ID: T-3 (10')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-26

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14891	12/16/21 13:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 18:25	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			15129	12/19/21 01:34	SC	XEN MID

Client Sample ID: T-4 (0-1')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 14:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 18:46	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (0-1')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		20			15129	12/19/21 01:43	SC	XEN MID

Client Sample ID: T-4 (1')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 15:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 19:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14942	12/16/21 12:09	CH	XEN MID
Soluble	Analysis	300.0		10			15129	12/19/21 01:51	SC	XEN MID

Client Sample ID: T-4 (2')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 15:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 19:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		10			15130	12/19/21 12:24	SC	XEN MID

Client Sample ID: T-4 (3')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 15:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 19:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		10			15130	12/19/21 12:49	SC	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (4')

Lab Sample ID: 880-9414-31

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 18:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 20:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		10			15130	12/19/21 12:57	SC	XEN MID

Client Sample ID: T-4 (5')

Lab Sample ID: 880-9414-32

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 18:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 20:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		20			15130	12/19/21 13:06	SC	XEN MID

Client Sample ID: T-4 (6')

Lab Sample ID: 880-9414-33

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 19:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 21:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		20			15130	12/19/21 13:14	SC	XEN MID

Client Sample ID: T-4 (7')

Lab Sample ID: 880-9414-34

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 19:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (7')

Lab Sample ID: 880-9414-34

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 21:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		20			15130	12/19/21 13:40	SC	XEN MID

Client Sample ID: T-4 (8')

Lab Sample ID: 880-9414-35

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 19:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 21:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		20			15130	12/19/21 13:48	SC	XEN MID

Client Sample ID: T-4 (9')

Lab Sample ID: 880-9414-36

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 20:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 22:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		20			15130	12/19/21 13:56	SC	XEN MID

Client Sample ID: T-4 (10')

Lab Sample ID: 880-9414-37

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14891	12/16/21 17:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 22:38	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-4 (10')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-37

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			5.01 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		1			15130	12/19/21 14:05	SC	XEN MID

Client Sample ID: T-4 (11')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-38

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14891	12/16/21 18:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 22:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		1			15130	12/19/21 14:13	SC	XEN MID

Client Sample ID: T-5 (0-1')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-39

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 20:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 23:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		10			15130	12/19/21 14:21	SC	XEN MID

Client Sample ID: T-5 (1')

Date Collected: 12/14/21 00:00

Date Received: 12/16/21 10:17

Lab Sample ID: 880-9414-40

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	14936	12/16/21 11:04	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	14891	12/16/21 20:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15026	12/17/21 08:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15169	12/20/21 12:17	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	14974	12/16/21 14:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15107	12/18/21 23:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		10			15130	12/19/21 14:46	SC	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (2')

Lab Sample ID: 880-9414-41

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14933	12/16/21 10:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14907	12/17/21 06:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15042	12/17/21 09:00	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15281	12/21/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	14975	12/16/21 14:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15160	12/20/21 15:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		10			15130	12/19/21 14:55	SC	XEN MID

Client Sample ID: T-5 (3')

Lab Sample ID: 880-9414-42

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14933	12/16/21 10:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14907	12/17/21 06:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15042	12/17/21 09:00	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15281	12/21/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14975	12/16/21 14:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15160	12/20/21 15:36	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		10			15130	12/19/21 15:20	SC	XEN MID

Client Sample ID: T-5 (4')

Lab Sample ID: 880-9414-43

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14933	12/16/21 10:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14907	12/17/21 07:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15042	12/17/21 09:00	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15281	12/21/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14975	12/16/21 14:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15160	12/20/21 15:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		10			15130	12/19/21 15:28	SC	XEN MID

Client Sample ID: T-5 (5')

Lab Sample ID: 880-9414-44

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14933	12/16/21 10:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14907	12/17/21 07:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15042	12/17/21 09:00	KL	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (5')

Lab Sample ID: 880-9414-44

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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			15281	12/21/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	14975	12/16/21 14:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15160	12/20/21 14:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		20			15130	12/19/21 15:37	SC	XEN MID

Client Sample ID: T-5 (6')

Lab Sample ID: 880-9414-45

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14933	12/16/21 10:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14907	12/17/21 08:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15042	12/17/21 09:00	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15281	12/21/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	14975	12/16/21 14:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15160	12/20/21 16:17	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		20			15130	12/19/21 15:45	SC	XEN MID

Client Sample ID: T-5 (7')

Lab Sample ID: 880-9414-46

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14933	12/16/21 10:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14907	12/17/21 08:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15042	12/17/21 09:00	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15281	12/21/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	14975	12/16/21 14:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15160	12/20/21 16:37	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		20			15130	12/19/21 15:53	SC	XEN MID

Client Sample ID: T-5 (8')

Lab Sample ID: 880-9414-47

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14933	12/16/21 10:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14907	12/17/21 09:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15042	12/17/21 09:00	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15281	12/21/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14975	12/16/21 14:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15160	12/20/21 16:58	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Client Sample ID: T-5 (8')

Lab Sample ID: 880-9414-47

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		20			15130	12/19/21 16:02	SC	XEN MID

Client Sample ID: T-5 (9')

Lab Sample ID: 880-9414-48

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14933	12/16/21 10:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14907	12/17/21 09:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15042	12/17/21 09:00	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15281	12/21/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	14975	12/16/21 14:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15160	12/20/21 17:19	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	14943	12/16/21 12:11	CH	XEN MID
Soluble	Analysis	300.0		20			15130	12/19/21 16:10	SC	XEN MID

Client Sample ID: T-5 (10')

Lab Sample ID: 880-9414-49

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14933	12/16/21 10:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14907	12/17/21 05:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15042	12/17/21 09:00	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15281	12/21/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	14975	12/16/21 14:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15160	12/20/21 17:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	14940	12/16/21 12:03	CH	XEN MID
Soluble	Analysis	300.0		5			14980	12/16/21 17:33	CH	XEN MID

Client Sample ID: T-5 (11')

Lab Sample ID: 880-9414-50

Date Collected: 12/14/21 00:00

Matrix: Solid

Date Received: 12/16/21 10:17

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	14933	12/16/21 10:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	14907	12/17/21 05:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15042	12/17/21 09:00	KL	XEN MID
Total/NA	Analysis	8015 NM		1			15281	12/21/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	14975	12/16/21 14:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15160	12/20/21 18:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	14940	12/16/21 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			14980	12/16/21 17:41	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

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

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Accreditation/Certification Summary

Client: NT Global
Project/Site: Martha AIK Fed 13H

Job ID: 880-9414-1
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: Martha AIK Fed 13H

Job ID: 880-9414-1
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: Martha AIK Fed 13H

Job ID: 880-9414-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-9414-1	T-1 (0-1')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-2	T-1 (1')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-3	T-1 (2')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-4	T-1 (3')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-5	T-1 (4')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-6	T-1 (5')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-7	T-1 (6')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-8	T-2 (0-1')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-9	T-2 (1')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-10	T-2 (2')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-11	T-2 (3')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-12	T-2 (4')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-13	T-2 (5')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-14	T-2 (6')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-15	T-2 (7')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-16	T-3 (0-1')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-17	T-3 (1')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-18	T-3 (2')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-19	T-3 (3')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-20	T-3 (4')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-21	T-3 (5')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-22	T-3 (6')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-23	T-3 (7')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-24	T-3 (8')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-25	T-3 (9')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-26	T-3 (10')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-27	T-4 (0-1')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-28	T-4 (1')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-29	T-4 (2')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-30	T-4 (3')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-31	T-4 (4')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-32	T-4 (5')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-33	T-4 (6')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-34	T-4 (7')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-35	T-4 (8')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-36	T-4 (9')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-37	T-4 (10')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-38	T-4 (11')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-39	T-5 (0-1')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-40	T-5 (1')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-41	T-5 (2')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-42	T-5 (3')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-43	T-5 (4')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-44	T-5 (5')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-45	T-5 (6')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-46	T-5 (7')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-47	T-5 (8')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-48	T-5 (9')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-49	T-5 (10')	Solid	12/14/21 00:00	12/16/21 10:17
880-9414-50	T-5 (11')	Solid	12/14/21 00:00	12/16/21 10:17



Chain of Custody

WC



880-9414 Chain of Custody

Page 1 of 5

Project Manager:	Mike Camriona	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:	432-312-7736	Email:	Todd Wells@eogresources.com

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:	Martha Aik Fed 13H	Turn Around	☐ Routine ☒ Rush	Pres. Code	
Project Number:	214937	Due Date	72 Hrs		
Project Location:	Lea Co. NM				
Sampler's Name:	NH	TAT starts the day received by the lab if received by 4:30pm			
PO #:					
SAMPLE RECEIPT		Temp Blank:	Yes (No) Wet Ice:	Yes (No)	
Received Intact:	Yes/No	Thermometer ID:			
Cooler Custody Seals:	Yes/No	Correction Factor:			
Sample Custody Seals:	Yes/No	Temperature Reading			
Total Containers:	Yes/No	Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
T-1 (0-1')	12/14/2021		X		G	1	BTEX 8021B		None NO	DI Water H ₂ O
T-1 (1')	12/14/2021		X		G	1	TPH 8015M (GRO + DRO + MRO)		Cool Cool	MeOH Me
T-1 (2')	12/14/2021		X		G	1			HCL HC	HNO ₃ HN
T-1 (3')	12/14/2021		X		G	1			H ₂ SO ₄ H ₂	NaOH Na
T-1 (4')	12/14/2021		X		G	1			H ₃ PO ₄ HP	
T-1 (5')	12/14/2021		X		G	1			NaHSO ₄ NABIS	
T-1 (6')	12/14/2021		X		G	1			Na ₂ S ₂ O ₃ NaSO ₃	
T-2 (0-1')	12/14/2021		X		G	1			Zn Acetate+NaOH Zn	
T-2 (1')	12/14/2021		X		G	1			NaOH+Ascorbic Acid SACP	
T-2 (2')	12/14/2021		X		G	1				

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12/16/21 10:00			



Chain of Custody

Work Order No: 880-9414

Page 2 of 5

Project Manager:	Mike Carmora	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:	432-312-7736	Email:	Todd.Wells@eogresources.com

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

Project Name:	Martha AIK Fed 13H	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	214937	☐ Routine ☒ Rush															None NO	DI Water H ₂ O
Project Location:	Lee 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 Inact:	Yes ☒ No ☐	Thermometer ID:	1K-8														NaHSO ₄ NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	17														Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	17														Zn Acetate+NaOH Zn	
Total Containers:	Yes ☒ No ☐	Corrected Temperature:	18														NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grav/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	HOLD	Sample Comments
T-2 (3)	12/14/2021		X		G	1	X	X	X		
T-2 (4)	12/14/2021		X		G	1	X	X	X		
T-2 (5)	12/14/2021		X		G	1	X	X	X		
T-2 (6)	12/14/2021		X		G	1	X	X	X		
T-2 (7)	12/14/2021		X		G	1	X	X	X		
T-3 (0-1)	12/14/2021		X		G	1	X	X	X		
T-3 (1)	12/14/2021		X		G	1	X	X	X		
T-3 (2)	12/14/2021		X		G	1	X	X	X		
T-3 (3)	12/14/2021		X		G	1	X	X	X		
T-3 (4)	12/14/2021		X		G	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>Don McElroy</i>	<i>[Signature]</i>	12/14/21			



Chain of Custody

Work Order No: 880-9414

Page 3 of 5

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:	432-312-7736	Email	Todd_Wells@eogresources.com

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

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Martha Aik Fed 13H	Turn Around								None NO	DI Water H ₂ O
Project Number:	214937	☐ Routine	☒ Rush							Cool Cool	MeOH Me
Project Location	Lea Co. NM	Due Date	72 Hrs							HCL HC	HNO ₃ HN
Sampler's Name:	NH	TAT starts the day received by the lab if received by 4 30pm								H ₂ SO ₄ H ₂	NaOH Na
PO #:										H ₃ PO ₄ HP	
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Yes ☒ No ☐							
Received Inact:		Thermometer ID.	12-8								
Cooler Custody Seals.		Correction Factor	0								
Sample Custody Seals.		Temperature Reading	1.7								
Total Containers:		Corrected Temperature.	1.8								
Sample Identification				Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	
T-3 (5)				12/14/2021		X		G	1	BTEx 8021B	
T-3 (6)				12/14/2021		X		G	1	TPH 8015M (GRO + DRO + MRO)	
T-3 (7)				12/14/2021		X		G	1	Chloride 300 0	
T-3 (8)				12/14/2021		X		G	1		
T-3 (9)				12/14/2021		X		G	1		
T-3 (10)				12/14/2021		X		G	1		
T-4 (0-1)				12/14/2021		X		G	1		
T-4 (1)				12/14/2021		X		G	1		
T-4 (2)				12/14/2021		X		G	1		
T-4 (3)				12/14/2021		X		G	1		
										HOLD	
NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC											
Sample Comments											

Additoinal Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Don Moberg</i>	<i>Jack</i>	12/15/21 10:00			
		12/16/21 K			



Chain of Custody

Work Order No: 880-9414

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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:	432-312-7736	Email:	Todd Wells@eogresources.com

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

Project Name:	Martha Aik Fed 13H		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	214937		☐ Routine	☒ Rush														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 ☐	Parameters										HOLD			
Received Intact:	Yes ☒ No ☐	Thermometer ID:	1K-8																	
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	1																	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	1.7																	
Total Containers:	Yes ☒ No ☐	Corrected Temperature:	1.8																	
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
T-4 (4)			12/14/2021		X		G	1	X	X	X									
T-4 (5)			12/14/2021		X		G	1	X	X	X									
T-4 (6)			12/14/2021		X		G	1	X	X	X									
T-4 (7)			12/14/2021		X		G	1	X	X	X									
T-4 (8)			12/14/2021		X		G	1	X	X	X									
T-4 (9)			12/14/2021		X		G	1	X	X	X									
T-4 (10)			12/14/2021		X		G	1	X	X	X									
T-4 (11)			12/14/2021		X		G	1	X	X	X									
T-5 (0-1)			12/14/2021		X		G	1	X	X	X									
T-5 (1)			12/14/2021		X		G	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>	12/14/21	<i>[Signature]</i>	<i>[Signature]</i>	12/14/21
3		4			
5		6			



Chain of Custody

Work Order No: 880-9414

Page 5 of 5

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:	432-312-7736	Email:	Todd Wells@eogresources.com

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

Project Name:	Martha Alk Fed 13H		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	214937		☐ Routine	☒ Rush																	
Project Location	Lea Co. NM		Due Date	72 Hrs														None NO			
Sampler's Name	NH		TAT starts the day received by the lab if received by 4:30pm															Cool Cool			
PO #:																		HCL HC			
SAMPLE RECEIPT	Temp Blank	Yes	No	Yes	No	Parameters													H ₂ SO ₄ H ₂		
	Received Intact	Yes	No	Thermometer ID	Yes		No													H ₃ PO ₄ HP	
	Cooler Custody Seals	Yes	No	Correction Factor	Yes		No													NaHSO ₄ NABIS	
	Sample Custody Seals	Yes	No	Temperature Reading	Yes		No													Na ₂ S ₂ O ₃ NaSO ₃	
	Total Containers	Yes	No	Corrected Temperature	Yes		No													Zn Acetate+NaOH Zn	
																		NaOH+Ascorbic Acid SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments		
T-5 (2)	12/14/2021		X		G	1	X	X	X												
T-5 (3)	12/14/2021		X		G	1	X	X	X												
T-5 (4)	12/14/2021		X		G	1	X	X	X												
T-5 (5)	12/14/2021		X		G	1	X	X	X												
T-5 (6)	12/14/2021		X		G	1	X	X	X												
T-5 (7)	12/14/2021		X		G	1	X	X	X												
T-5 (8)	12/14/2021		X		G	1	X	X	X												
T-5 (9)	12/14/2021		X		G	1	X	X	X												
T-5 (10)	12/14/2021		X		G	1	X	X	X												
T-5 (11)	12/14/2021		X		G	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>James McFarland</i>	<i>[Signature]</i>	12/14/21			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-9414-1

SDG Number: Lea Co, NM

Login Number: 9414

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



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

April 14, 2022

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: MARTHA AIK FEDERAL NO.13

Enclosed are the results of analyses for samples received by the laboratory on 04/11/22 14:43.

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 "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (7') (H221472-01)

BTX 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	04/12/2022	ND	2.09	104	2.00	0.422	
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794	
Total BTX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	560	16.0	04/12/2022	ND	432	108	400	0.00	

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 75.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (7') (H221472-02)

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	04/12/2022	ND	2.09	104	2.00	0.422		
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794		
Total BTEX	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	816	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (7') (H221472-03)

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	04/12/2022	ND	2.09	104	2.00	0.422		
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794		
Total BTEx	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	1200	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (7') (H221472-04)

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	04/12/2022	ND	2.09	104	2.00	0.422		
Toluene*	<0.050	0.050	04/12/2022	ND	2.09	105	2.00	0.728		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.09	104	2.00	1.48		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.18	103	6.00	0.794		
Total BTEx	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	1380	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (7') (H221472-05)

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	04/13/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/13/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.64	94.0	6.00	13.6		
Total BTEx	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	880	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (7') (H221472-06)

BTX 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	04/12/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/12/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.64	94.0	6.00	13.6		
Total BTX	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	1100	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (7') (H221472-07)

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	04/12/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/12/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.64	94.0	6.00	13.6		
Total BTEx	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	864	16.0	04/12/2022	ND	432	108	400	0.00	

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (7') (H221472-08)

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	04/12/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/12/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.64	94.0	6.00	13.6		
Total BTEX	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	640	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (4.5') (H221472-09)

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	04/12/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/12/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.64	94.0	6.00	13.6		
Total BTEx	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	1040	16.0	04/12/2022	ND	432	108	400	0.00	

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	10.7	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.7 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 10 (4.5') (H221472-10)

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	04/12/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/12/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.64	94.0	6.00	13.6		
Total BTEx	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	1120	16.0	04/12/2022	ND	432	108	400	0.00	QM-07	

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	21.3	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.0 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 11 (4.5') (H221472-11)

BTX 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	04/12/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/12/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.64	94.0	6.00	13.6		
Total BTX	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	1170	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	11.8	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.9 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 12 (4.5') (H221472-12)

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	04/12/2022	ND	1.94	96.9	2.00	8.62	
Toluene*	<0.050	0.050	04/12/2022	ND	1.96	98.2	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.91	95.7	2.00	13.0	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.64	94.0	6.00	13.6	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	1020	16.0	04/12/2022	ND	432	108	400	0.00	

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	18.4	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.1 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 13 (4.5') (H221472-13)

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	04/12/2022	ND	1.94	96.9	2.00	8.62	
Toluene*	<0.050	0.050	04/12/2022	ND	1.96	98.2	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.91	95.7	2.00	13.0	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.64	94.0	6.00	13.6	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	1200	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	17.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.7 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 14 (9.5') (H221472-14)

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	04/12/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/12/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.64	94.0	6.00	13.6		
Total BTEX	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	288	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.1 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 15 (9.5') (H221472-15)

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	04/13/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/13/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.64	94.0	6.00	13.6		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	224	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 75.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.3 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 16 (9.5') (H221472-16)

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	04/13/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/13/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.64	94.0	6.00	13.6		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	192	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 78.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.1 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 17 (9.5') (H221472-17)

BTX 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	04/13/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/13/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.64	94.0	6.00	13.6		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	240	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 74.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.8 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 18 (9.5') (H221472-18)

BTX 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	04/13/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/13/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.64	94.0	6.00	13.6		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	112	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.5 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 19 (4.5') (H221472-19)

BTX 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	04/13/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/13/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.64	94.0	6.00	13.6		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	96.0	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.3 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
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 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 20 (4.5') (H221472-20)

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	04/13/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/13/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.64	94.0	6.00	13.6		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	80.0	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	193	96.7	200	3.40	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	201	100	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.0 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 21 (4.5') (H221472-21)

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	04/13/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/13/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.64	94.0	6.00	13.6		
Total BTEx	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	96.0	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.3 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 22 (4.5') (H221472-22)

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	04/13/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/13/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.64	94.0	6.00	13.6		
Total BTEx	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	320	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.0 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 23 (4.5') (H221472-23)

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	04/13/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/13/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.64	94.0	6.00	13.6		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	96.0	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.0 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 24 (4.5') (H221472-24)

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	04/13/2022	ND	1.94	96.9	2.00	8.62		
Toluene*	<0.050	0.050	04/13/2022	ND	1.96	98.2	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.91	95.7	2.00	13.0		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.64	94.0	6.00	13.6		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	80.0	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.2 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 25 (11') (H221472-25)

BTX 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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	5760	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	237	10.0	04/12/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	41.7	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 26 (11') (H221472-26)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	80.0	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 27 (11') (H221472-27)

BTX 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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	80.0	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/12/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.4 % 59.5-142

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CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (7') (H221472-28)

BTX 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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	112	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.3 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (7') (H221472-29)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	96.0	16.0	04/12/2022	ND	432	108	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.0 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (7') (H221472-30)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	96.0	16.0	04/12/2022	ND	416	104	400	0.00	

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 76.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.7 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (7') (H221472-31)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	96.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.9 % 59.5-142

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 310 W WALL ST SUITE 415
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Received: 04/11/2022
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 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (7') (H221472-32)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEx	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 59.5-142

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 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (2.5') (H221472-33)

BTX 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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	112	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.5 % 59.5-142

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Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (4.5') (H221472-34)

BTX 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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	96.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (4.5') (H221472-35)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEx	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.9 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (4.5') (H221472-36)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEx	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	96.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 74.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.9 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (4.5') (H221472-37)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEx	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	96.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.8 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 11 (5') (H221472-38)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	160	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.4 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 12 (9.5') (H221472-39)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	112	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.8 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 13 (9.5') (H221472-40)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	128	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	199	99.6	200	1.35	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	208	104	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.9 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 14 (9.5') (H221472-41)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEx	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	96.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 80.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.7 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 15 (9.5') (H221472-42)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	112	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.1 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 16 (9.5') (H221472-43)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	96.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 70.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 17 (9.5') (H221472-44)

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	04/13/2022	ND	2.04	102	2.00	3.22		
Toluene*	<0.050	0.050	04/13/2022	ND	2.00	100	2.00	2.28		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	1.95	97.7	2.00	2.71		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.77	96.1	6.00	2.56		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 77.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.3 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 18 (9.5') (H221472-45)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.4 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 19 (5') (H221472-46)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 76.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.3 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 20 (4.5') (H221472-47)

BTX 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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.3 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
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 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 21 (4.5') (H221472-48)

BTX 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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 74.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.4 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 22 (4.5') (H221472-49)

BTX 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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.8 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 23 (4.5') (H221472-50)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.7 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 24 (4.5') (H221472-51)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	64.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 25 (4.5') (H221472-52)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.0 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 26 (4.5') (H221472-53)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.0 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 27 (6.5') (H221472-54)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.1 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 28 (11') (H221472-55)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 80.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.8 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 29 (11') (H221472-56)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	80.0	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.9 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 30 (11') (H221472-57)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEx	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	112	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.6 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 31 (11') (H221472-58)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	144	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.3 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 32 (11') (H221472-59)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	160	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.3 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 33 (11') (H221472-60)

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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTEX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	176	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/13/2022	ND	198	99.0	200	0.792	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	212	106	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/11/2022
 Reported: 04/14/2022
 Project Name: MARTHA AIK FEDERAL NO.13
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 34 (11') (H221472-61)

BTX 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	04/13/2022	ND	2.04	102	2.00	2.10		
Toluene*	<0.050	0.050	04/13/2022	ND	2.03	102	2.00	6.32		
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.01	100	2.00	4.50		
Total Xylenes*	<0.150	0.150	04/13/2022	ND	5.93	98.9	6.00	4.42		
Total BTX	<0.300	0.300	04/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	112	16.0	04/12/2022	ND	416	104	400	0.00		

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	04/12/2022	ND	201	100	200	1.41	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	219	109	200	0.947	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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 "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1921472-1-6

Page 1 of 7[illegible]

Chain of Custody

Work Order No: 1321472-1-4

Page 65 of 70

Project Manager:		Conner Moehring		Bill to: (if different)		Todd Wells	
Company Name:		Carmona Resources		Company Name:		EOG Resources	
Address:		310 West Wall St. Suite 415		Address:		5509 Champions Dr	
City, State ZIP:		Midland, TX 79701		City, State ZIP:		Midland, TX 79706	
Phone:		432-813-6823		Email:		Todd.Wells@eogresources.com	
Project Name:		Martha Aik Fed #13		Turn Around			
Project Number:		1017		☒ Routine ☒ Rush		12hr	
Project Location:		Eddy Co. NM		Due Date:		4/11/22	
Sampler's Name:		CRM		TAT starts the day received by the lab, if received by 4:30pm			
PO #:							
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☒		Wet Ice:	
Received Intact:		Yes ☒ No ☒		Thermometer ID:		113	
Cooler Custody Seals:		Yes ☒ No ☒		Correction Factor:		2-0.52	
Sample Custody Seals:		Yes ☒ No ☒		Temperature Reading:		3.62	
Total Containers:		N/A		Corrected Temperature:		3.12	
Sample Identification		Date		Time		Soil	
CS-11 (4.5)		4/11/2022				X	
CS-12 (4.5)		4/11/2022				X	
CS-13 (4.5)		4/11/2022				X	
CS-14 (9.5)		4/11/2022				X	
CS-15 (9.5)		4/11/2022				X	
CS-16 (9.5)		4/11/2022				X	
CS-17 (9.5)		4/11/2022				X	
CS-18 (9.5)		4/11/2022				X	
CS-19 (4.5)		4/11/2022				X	
CS-20 (4.5)		4/11/2022				X	
Parameters		BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 4500	
Pres. Code		1		X		X	
# of Cont		1		X		X	
ANALYSIS REQUEST							
HOLD							
Preservative Codes		None: NO		DI Water: H ₂ O			
		Cool: Cool		MeOH: Me			
		HCL: HC		HNO ₃ : HN			
		H ₂ SO ₄ : H ₂		NaOH: Na			
		H ₃ PO ₄ : HP					
		NaHSO ₄ : NABIS					
		Na ₂ S ₂ O ₃ : NaSO ₃					
		Zn Acetate+NaOH: Zn					
		NaOH+Ascorbic Acid: SAPC					
Sample Comments							
Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Relinquished by: (Signature)	
4/11/22 1443		4/11/22 1443		2		4	
5		6		6		6	

Work Order No: H221472-1-4

Revised Date 05/01/2020 Rev. 2020.1

Chain of Custody

Work Order No: H231472-1-101

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St. Suite 415	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com

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

Project Name:	Martha Aik Fed #13	Turn Around	☒ Routine ☒ Rush <u>4/11/22</u>	Pres. Code	ANALYSIS REQUEST												Preservative Codes							
Project Number:	1017																None: NO	DI Water: H ₂ O						
Project Location:	Eddy Co, NM	Due Date:	<u>4/11/22</u>	TAT starts the day received by the lab, if received by 4:30pm													Cool: Cool	MeOH: Me						
Sampler's Name:	CRM																HCL: HC	HNO ₃ : HN						
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na						
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP						
Received Inact:	Yes ☒ No ☐	Thermometer ID:	<u>113</u>	Correction Factor:	<u>-0.5°C</u>													NaHSO ₄ : NABIS						
Cooler Custody Seals:	Yes ☒ No ☐	Temperature Reading:	<u>36.2</u>	Corrected Temperature:	<u>31.2</u>													Na ₂ S ₂ O ₃ : NaSO ₃						
Sample Custody Seals:	Yes ☒ No ☐																	Zn Acetate+NaOH: Zn						
Total Containers:																		NaOH+Ascorbic Acid: SAPC						
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments				
SW-4 (7')		4/11/2022		X		C	1	X	X	X	BTEX 8021B													
SW-5 (7')		4/11/2022		X		C	1	X	X	X	TPH 8015M (GRO + DRO + MRO)													
SW-6 (2.5')		4/11/2022		X		C	1	X	X	X	Chloride 4500													
SW-7 (4.5')		4/11/2022		X		C	1	X	X	X														
SW-8 (4.5')		4/11/2022		X		C	1	X	X	X														
SW-9 (4.5')		4/11/2022		X		C	1	X	X	X														
SW-10 (4.5')		4/11/2022		X		C	1	X	X	X														
SW-11 (5')		4/11/2022		X		C	1	X	X	X														
SW-12 (9.5')		4/11/2022		X		C	1	X	X	X														
SW-13 (9.5')		4/11/2022		X		C	1	X	X	X														

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>4/11/22 1443</u>			<u>2</u>
					<u>4</u>
					<u>6</u>

Chain of Custody

Work Order No: 1821478-161

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St. Suite 415	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com

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

Project Name:	Martha AIK Fed #13	Turn Around	☒ Routine ☒ Rush	Pres. Code	
Project Number:	1017	Due Date:	4/11/22		
Project Location:	Eddy Co. NM				
Sampler's Name:	CRM	TAT starts the day received by the lab, if received by 4:30pm			
PO #:					
SAMPLE RECEIPT					
Received In tact:	Temp Blank:	Yes/No	Wet Ice:	Yes/No	
Cooler Custody Seals:		Yes No	Thermometer ID:	113	
Sample Custody Seals:		Yes No	Correction Factor:	6.05e	
Total Containers:		Yes No	Temperature Reading:	3.6e	
			Corrected Temperature:	3.1e	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH												Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Carmona Resources</i>	<i>Carmona Resources</i>	4/11/22 1443			2
					4
					6

Chain of Custody

Work Order No: 4221472-1-10

Page 6 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St. Suite 415	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com

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

Project Name:	Martha Aik Fed #13	Turn Around	☒ Routine ☒ Rush <u>7:20 AM</u>	Pres. Code		ANALYSIS REQUEST										Preservative Codes		
Project Number:	1017																None: NO	DI Water: H ₂ O
Project Location:	Eddy Co. NM	Due Date:	<u>4/11/22</u>														Cool: Cool	MeOH: Me
Sampler's Name:	CRM	TAT starts the day received by the lab, if received by 4:30pm.															HCL: HC	HNO ₃ : HN
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐												H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐ N/A ☒	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐ N/A ☒	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST										Preservative Codes
							BTEX 8021B											
							TPH 8015M (GRO + DRO + MRO)											
							Chloride 4500											
SW-24 (4.5')	4/11/2022		X		C	1	X	X	X									
SW-25 (4.5')	4/11/2022		X		C	1	X	X	X									
SW-26 (4.5')	4/11/2022		X		C	1	X	X	X									
SW-27 (6.5')	4/11/2022		X		C	1	X	X	X									
SW-28 (11')	4/11/2022		X		C	1	X	X	X									
SW-29 (11')	4/11/2022		X		C	1	X	X	X									
SW-30 (11')	4/11/2022		X		C	1	X	X	X									
SW-31 (11')	4/11/2022		X		C	1	X	X	X									
SW-32 (11')	4/11/2022		X		C	1	X	X	X									
SW-33 (11')	4/11/2022		X		C	1	X	X	X									

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>4/11/22 1443</u>			

Chain of Custody

Work Order No: 422472-1-61

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[illegible]

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 109024

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 109024
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	5/31/2022