

Incident ID	NAPP2118156288
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Todd Wells Title: Environmental Specialist
Signature: Todd Wells Date: 12/30/21
email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

OCD Only

Received by: Chad Hensley Date: 01/19/2022

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

Closure Approved by: Chad Hensley Date: 01/19/2022
Printed Name: Chad Hensley Title: Environmental Specialist Advanced



Site Information

Closure Report
Diamond SM Release
Lea County, New Mexico
Unit A Sec 36 T24S R33E
Incident #: nAPP2118156288
32.179249°, -103.519168°

Produced Water Release
Source: 4" poly pipeline
Release Date: 06/13/2021
Volume Released: 150 bbls/PW
Volume Recovered: 50 bbls/PW

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

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



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APPENDIX C	LABORATORY ANALYTICAL REPORTS



701 Tradewinds Boulevard, Suite C
Midland, Texas 79706
Tel. 432.685.3898
www.ntglobal.com

December 27, 2021

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

**Re: Closure Report
Diamond SM Release
EOG Resources Inc.
Site Location: Unit A, S36, T24S, R33E
(Lat 32.179249°, Long -103.519168°)
Lea County, New Mexico**

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remediation activities for Diamond SM Release. The site is located at 32.179249°, -103.519168° within Unit A, S36, T24S, R33E, and approximately 19.83 miles Northwest of Jal, New Mexico, in Lea County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on June 13, 2021, due to a hole in a 4" poly line. It resulted in the release of one hundred and fifty (150) barrels of produced water, and fifty (50) barrels were recovered. The impacted area measured approximately 410' x 175', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water well source within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.72 miles North of the site in S36, T24S, R33E. The well has a reported depth to groundwater of 17.59 feet below ground surface (ft bgs) and was drilled in 1991. A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride 600 mg/kg

Site Assessment and Trenching

On July 17, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the release. A total of ten (10) sample points were advanced to depths ranging surface – 11.0 ft bgs within and surrounding the release area to assess the vertical and horizontal extent of potential impacts. The soil sample locations are shown on Figure 3. For chemical analysis, the soil samples were collected and

placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015 modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports containing analytical methods, results, and chain-of-custody documents are attached in Appendix C. The analytical results are provided in Table 1.

The areas of (T-1, T-2, T-8, T-9, and T-10) had chloride concentration values ranging from <4.98 mg/kg to 566 mg/kg at a depth from the surface to 4.0' below the surface. The areas of (T-3 and T-7) had a high chloride concentration ranging from 2,170 mg/kg to 2,280 mg/kg at a depth of surface to 1.0' below surface. The areas of (T-4 and T-5) had a high chloride concentration ranging from 295 mg/kg to 4,670 mg/kg at a surface depth to 10.0' below surface. The area of (T-6) had a high chloride concentration ranging from 484 mg/kg to 2,970 mg/kg at a depth to surface to 6.0' below surface. All areas were vertically delineated, except for (T-4). Refer to Table 1.

Horizontal Delineation

The areas of H-1 through H-11 were below the 19.15.29.12 NMAC criteria.

Remediation Activities and Confirmation Sampling

New Tech Global Environmental personnel were onsite from September 29, 2021, through October 12, 2021, to supervise the remediation activities and collect confirmation samples. Before excavation activities, the Plains, Enterprise, and Enlink lines were hydro-vacced and braced to clear the area of any safety concerns. During the scheduling, there were issues with the pipeline company's having representatives onsite during the excavation, causing delays.

A total of thirty-three (33) confirmation samples were collected (CS-1 through CS-33), and twenty-three (23) sidewall samples (SW-1 through SW-23) were collected every 200 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figures 4A through 4C.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,840 cubic yards of material were excavated and transported offsite for proper disposal.

Conclusions

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

Sincerely,

NTG Environmental



Mike Carmona
Senior Project Manager

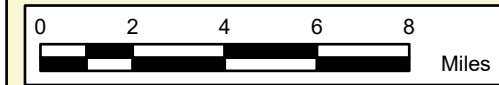
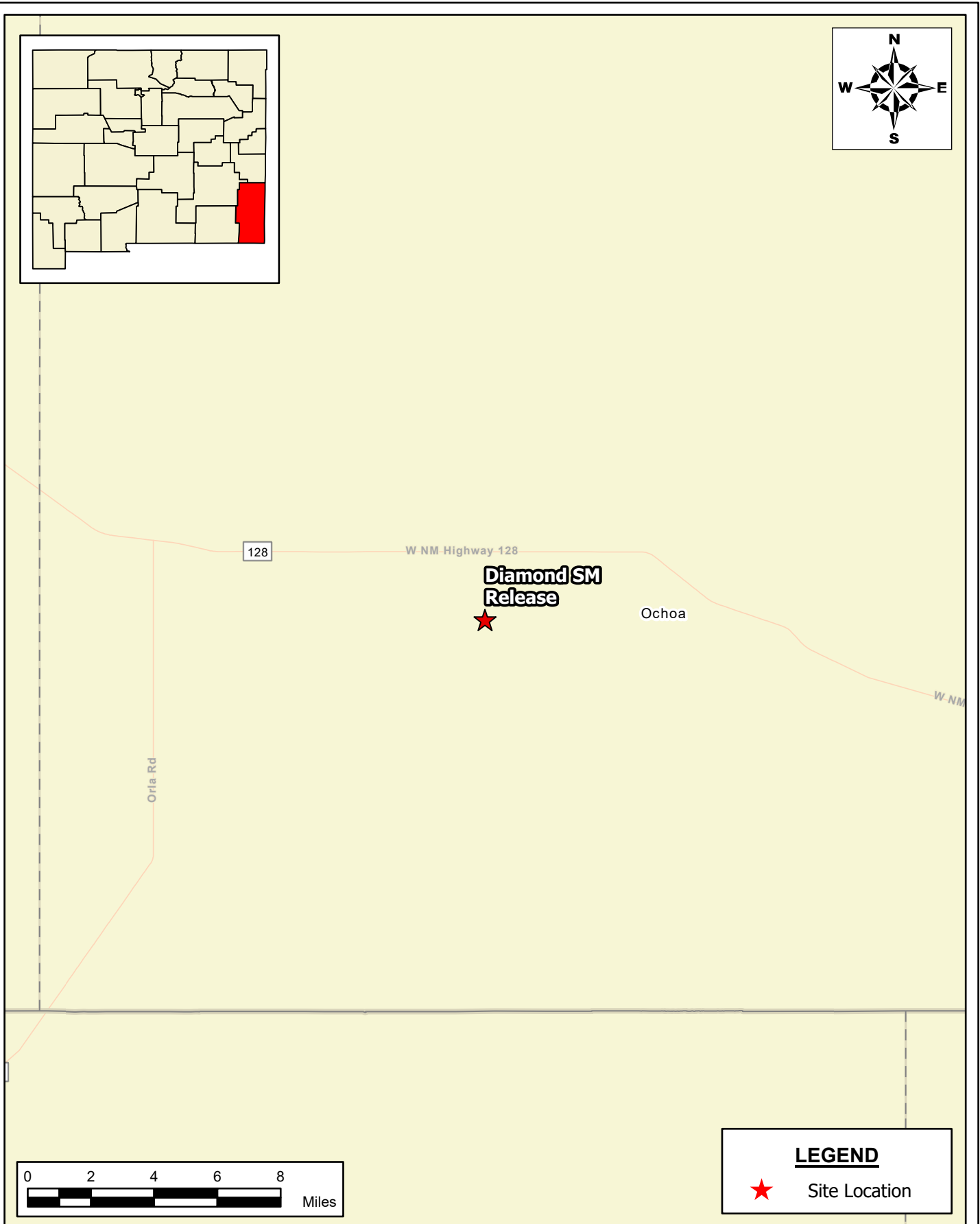


Conner Moehring
Project Manager



Figures

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LEGEND

★ Site Location

SITE LOCATION MAP
EOG RESOURCES
 DIAMOND SM RELEASE
 LEA COUNTY, NEW MEXICO
 32.179249, -103.519168

SCALE: As Shown Date: 12/23/2021 PROJECT #: 214339

New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntglobal.com



NOTES:

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

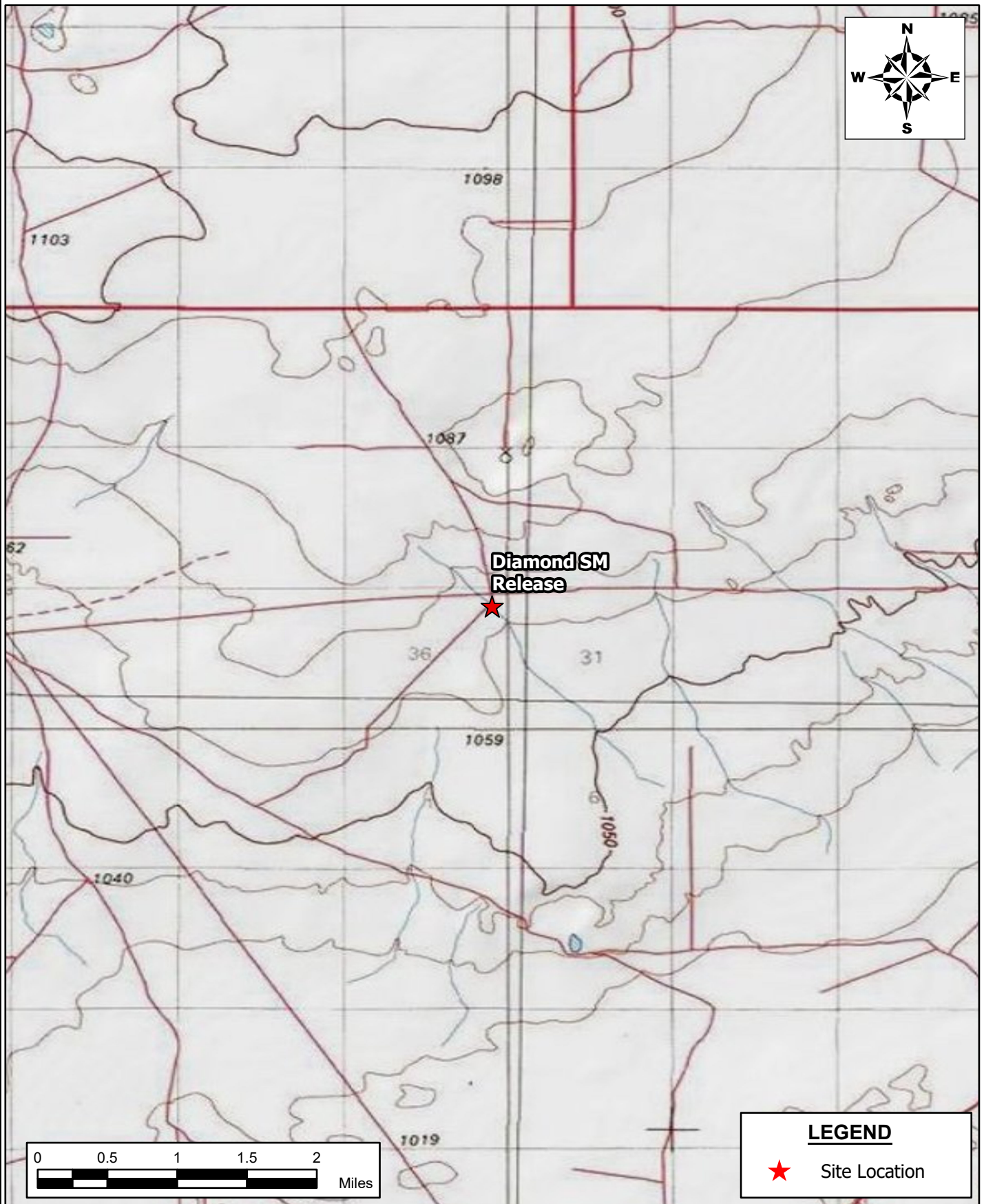
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FIGURE 1

SHEET NUMBER:

1 of 1

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AREA MAP
EOG RESOURCES
 DIAMOND SM RELEASE
 LEA COUNTY, NEW MEXICO
 32.179249, -103.519168

SCALE: As Shown

Date: 12/23/2021

PROJECT #: 214339



New Tech Global Environmental, LLC
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NOTES:

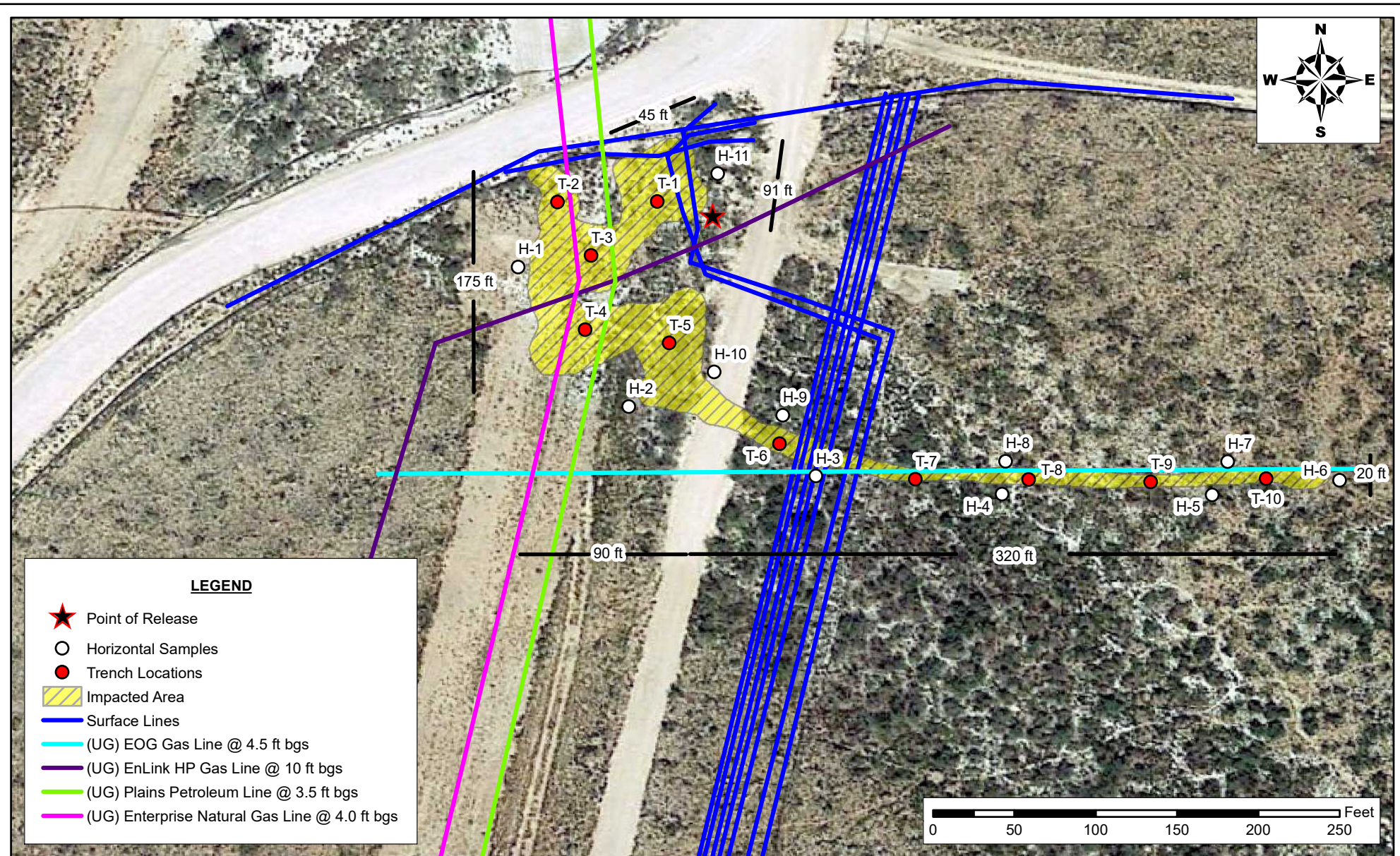
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2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

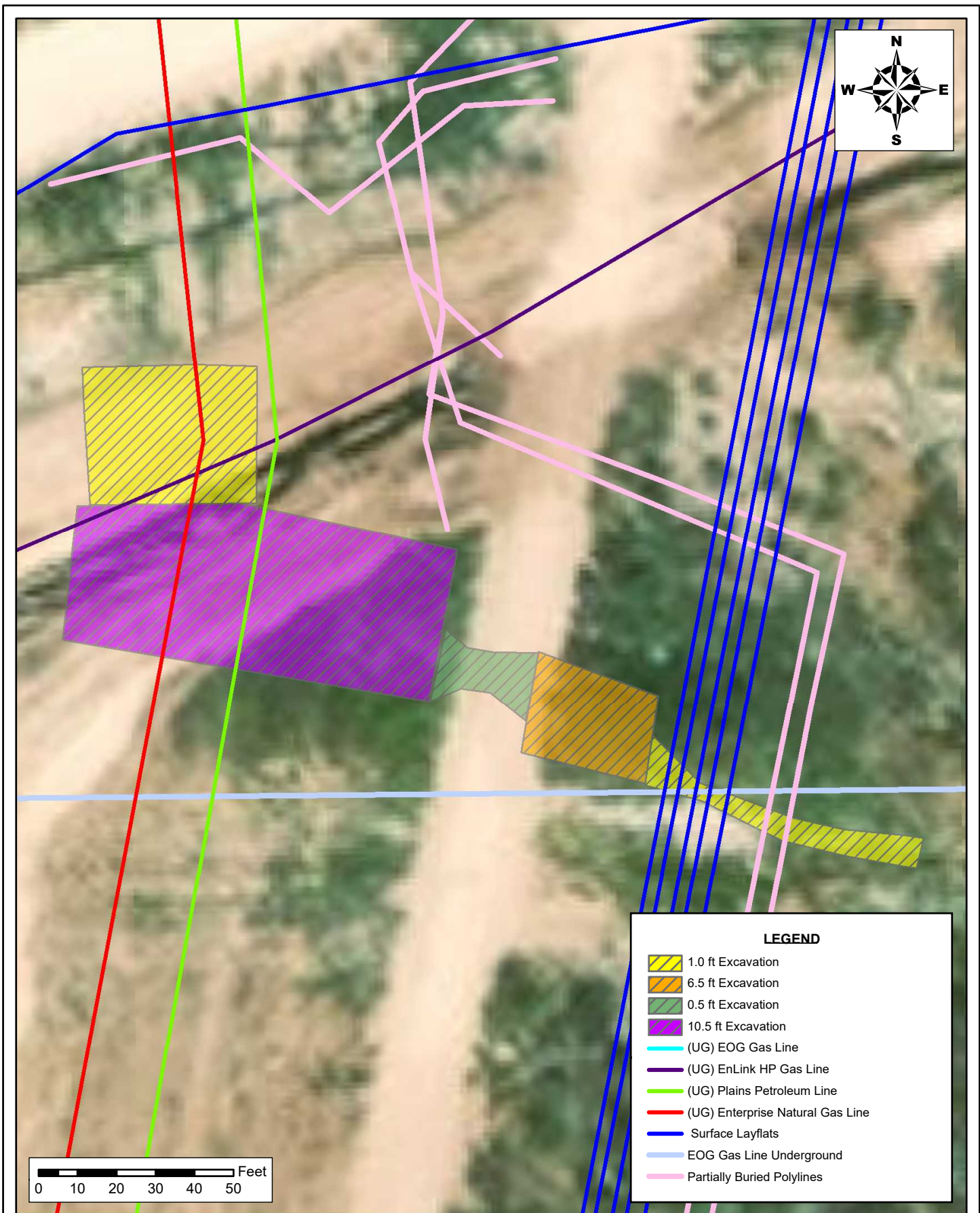
1 of 1



Document Path: P:\2021 PROJECTS\EOG214339 - Diamond SM Release\7 - Figures\Geodatabase\Figure_3_Sample Location Map_07202021.mxd

1 of 1	SHEET NUMBER	DRAWING NUMBER FIGURE 3	SAMPLE LOCATION MAP EOG RESOURCES DIAMOND SM RELEASE LEA COUNTY, NEW MEXICO 32.179249°, -103.519168°		NTG ENVIRONMENTAL New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntglobal.com	NOTES: 1. Base Image: ESRI Maps and Data 2017 (DigitalGlobe 2016 0.5m Digital Orthophoto) 2. Map Projection: NAD 1983
			SCALE: AS SHOWN	DATE: 07/20/2021		

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EXCAVATION DEPTH MAP
EOG RESOURCES
 DIAMOND SM RELEASE
 LEA COUNTY, NEW MEXICO
 32.179249, -103.519168

SCALE: As Shown

Date: 11/9/2021

PROJECT #: 214339

New Tech Global Environmental, LLC
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**NOTES:**

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

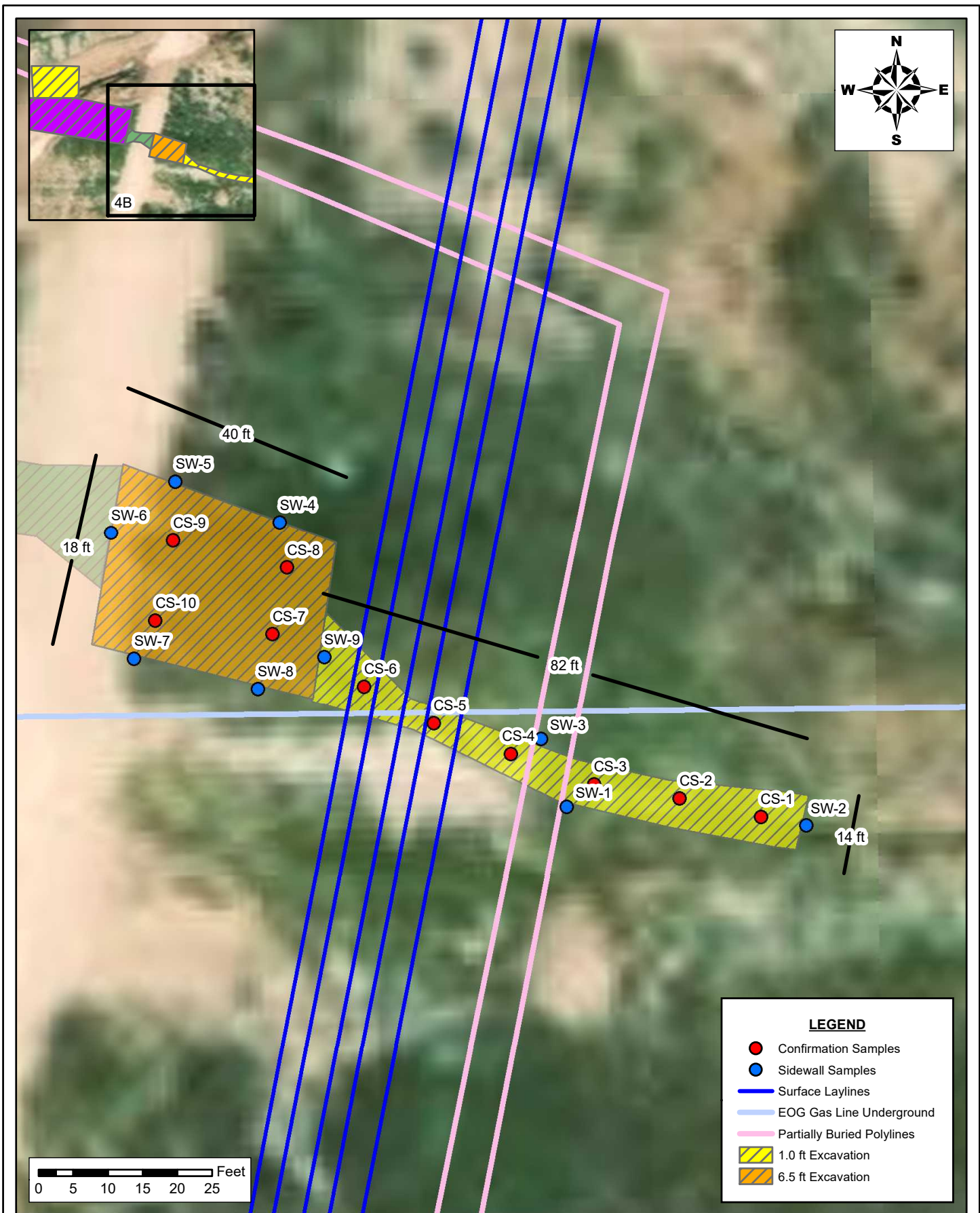
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FIGURE 4A

SHEET NUMBER:

1 of 3

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EXCAVATION DEPTH MAP
EOG RESOURCES
DIAMOND SM RELEASE
LEA COUNTY, NEW MEXICO
32.179249, -103.519168

SCALE: As Shown

Date: 11/10/2021

PROJECT #: 214544



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NOTES:

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

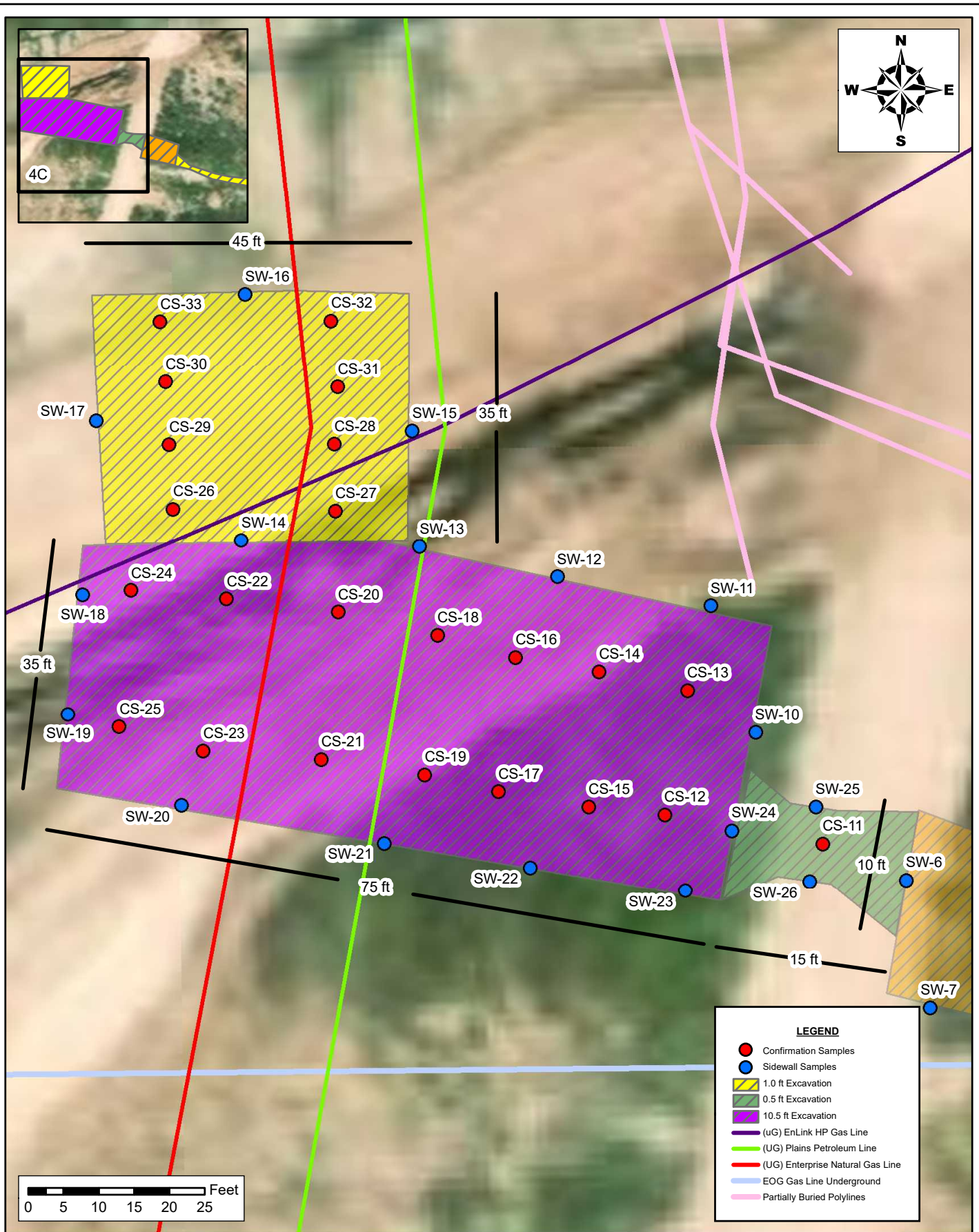
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FIGURE 4B

SHEET NUMBER:

2 of 3

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EXCAVATION DEPTH MAP
EOG RESOURCES
 DIAMOND SM RELEASE
 LEA COUNTY, NEW MEXICO
 32.179249, -103.519168

SCALE: As Shown Date: 11/9/2021 PROJECT #: 214544

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NOTES:

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

DRAWING NUMBER:

FIGURE 4C

SHEET NUMBER:

3 of 3



Tables

Table 1
EOG Resources
Diamond SM Release
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	7/14/2021	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	26.8
	"	1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.50
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	28.1
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	13.0
T-2	7/14/2021	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	566
	"	1'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	439
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	493
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	27.2
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	31.6
T-3	7/14/2021	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,280
	"	1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	35.5
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	33.8
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	50.7
T-4	7/14/2021	0-1'	85.6	<49.9	<49.9	85.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,600
	"	1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,660
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,580
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	793
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	2,430
	"	5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,910
	"	6'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,710
	"	7'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,750
	"	8'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,680
	"	9'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	0.00214	<0.00402	<0.00402	934
T-5	7/14/2021	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,470
	"	1'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	295
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,260
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,980
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,120
	"	5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	3,200
	"	6'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	539
	"	7'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	766
	"	8'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,700
	"	9'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	4,670
	"	10'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	698
	"	11'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	45.0

Table 1
EOG Resources
Diamond SM Release
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-6	7/14/2021	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,180
	"	1'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	484
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	0.00227	0.0145	0.0168	1,080
	"	3'	<50.0	<50.0	<50.0	<50.0	0.0133	<0.00200	<0.00200	0.00505	0.0184	135
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	682
	"	5'	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00201	<0.00199	<0.00398	<0.00398	2,970
	"	6'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,040
	"	7'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	525
	"	8'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	116
T-7	7/14/2021	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,170
	"	1'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	44.5
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	261
	"	3'	<49.8	<49.8	<49.8	<49.8	0.00509	<0.00199	<0.00199	0.00846	0.0136	373
T-8	7/14/2021	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00200	0.00509	<0.00200	<0.00401	0.00509	406
	"	1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	533
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	199
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	342
T-9	7/14/2021	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	518
	"	1'	<49.9	<49.9	<49.9	<49.9	0.00592	0.00853	0.00479	0.0205	0.0398	18.2
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<4.98
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00336	<0.00200	<0.00400	<0.00400	13.3
T-10	7/14/2021	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	0.00218	<0.00399	<0.00399	6.49
	"	1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	95.4
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	0.00229	<0.00403	<0.00403	387
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	121

Table 1
EOG Resources
Diamond SM Release
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	7/14/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.2
H-2	7/14/2021	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.58
H-3	7/14/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	6.13
H-4	7/14/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	6.89
H-5	7/14/2021	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.54
H-6	7/14/2021	0-0.5	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	5.60
H-7	7/14/2021	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	5.64
H-8	7/14/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.95
H-9	7/14/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6.88
H-10	7/14/2021	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	69.4
H-11	7/14/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7.03
Regulatory Limits						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

 Removed

Table 2
EOG Resources
Diamond SM Release
Lea County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	9/30/2021	1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	36.9
CS-2	9/30/2021	1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.6
CS-3	9/30/2021	1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.4
CS-4	9/30/2021	1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.7
CS-5	9/30/2021	1'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	9.4
CS-6	9/30/2021	1'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	37.3
CS-7	9/30/2021	6.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	9.6
CS-8	9/30/2021	6.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	12.1
CS-9	9/30/2021	6.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	13.5
CS-10	9/30/2021	6.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	30.2
CS-11	10/6/2021	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-12	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-13	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-15	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-16	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-17	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-18	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-19	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-20	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-21	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-22	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-23	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-24	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-25	10/6/2021	10.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-26	10/6/2021	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-27	10/6/2021	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-28	10/6/2021	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-29	10/6/2021	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-30	10/6/2021	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-31	10/6/2021	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-32	10/6/2021	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384.0
CS-33	10/6/2021	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400.0

Table 2
EOG Resources
Diamond SM Release
Lea County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	9/30/2021	—	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	11.1
SW-2	9/30/2021	—	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	8.7
SW-3	9/30/2021	—	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	9.5
SW-4	9/30/2021	—	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.3
SW-5	9/30/2021	—	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.8
SW-6	9/30/2021	—	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8.1
SW-7	9/30/2021	—	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.2
SW-8	9/30/2021	—	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	11.7
SW-9	9/30/2021	—	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10.1
SW-10	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-11	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-12	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-13	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-14	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-15	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-16	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-17	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-18	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-19	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-20	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-21	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-22	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-23	10/6/21	—	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Regulatory Limits						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet



Photo Log

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Diamond SM Release

County: Lea County, New Mexico

Description:

View Northwest, area of confirmation samples (12 - 33).



Photograph No. 2

Facility: Diamond SM Release

County: Lea County, New Mexico

Description:

View Northwest, area of confirmation samples (4 - 6).



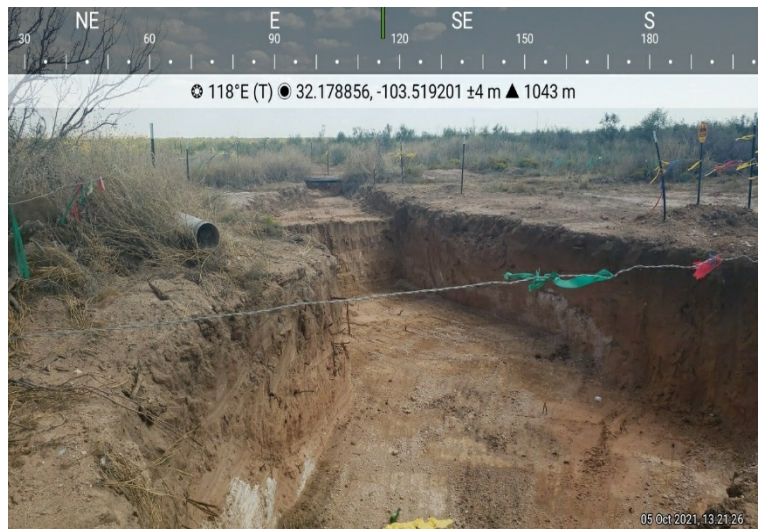
Photograph No. 3

Facility: Diamond SM Release

County: Lea County, New Mexico

Description:

View Southeast, area of confirmation samples (7 - 10)



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 4

Facility: Diamond SM Release

County: Lea County, New Mexico

Description:

View Northeast, area of confirmation samples (1-6)



Photograph No. 5

Facility: Diamond SM Release

County: Lea County, New Mexico

Description:

View Northeast, area of confirmation samples (27-33)



Photograph No. 6

Facility: Diamond SM Release

County: Lea County, New Mexico

Description:

View Northeast, area of confirmation samples (12-24)





Appendix A

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NAPP2118156288
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) NAPP2118156288
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.179218° Longitude -103.519076°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Diamond SM	Site Type SWD Pipeline
Date Release Discovered 6/13/21	API# (if applicable)

Unit Letter	Section	Township	Range	County
A	36	24S	33E	Lea

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 150	Volume Recovered (bbls) 50
	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 4" poly pipeline developed a hole at the transition to the main pipeline connection and released produced water in the ROW and into the field. Approximately 150 bbls of produced water was released on the ROW and into the field with 50 bbls recovered.

Incident ID	NAPP2118156288
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.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email notification to the District 1 Spills Inbox on 6/16/21.	

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>6-30-21</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>7/7/2021</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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: 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: _____

Printed Name: _____ Title: _____



Appendix B

Low Karst

EOG Resources
Diamond Tie-In

Legend

- Diamond Tie-In
- LOW



Nearest water well

EOG Resources

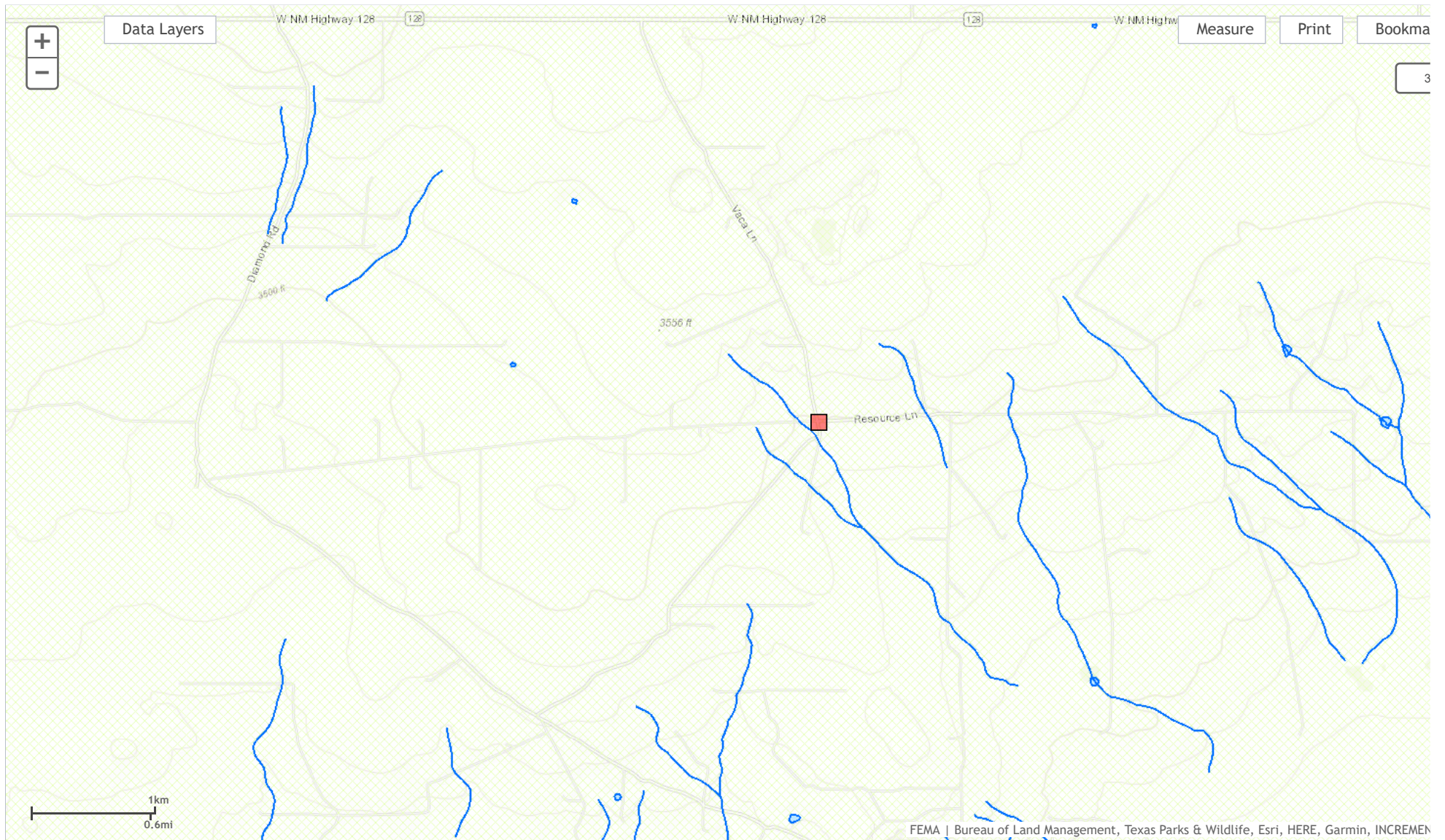
Legend

- 0.50 Mile Radius
- 0.72 Miles
- 0.99 Miles
- 2.34 Miles
- 2.34 Miles
- Diamond Tie-In
- USGS Water Well
- NMSEO Water Well



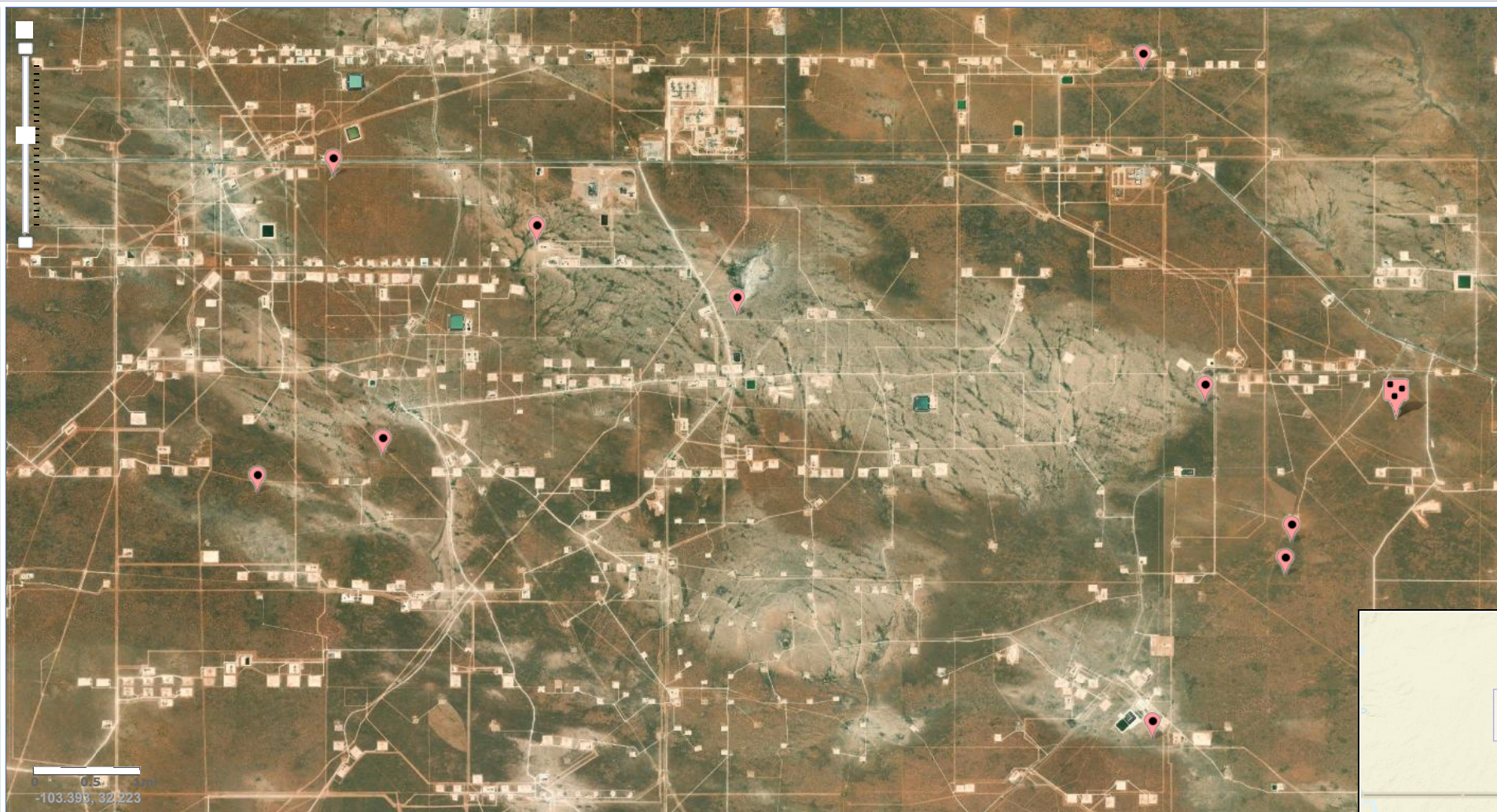
NFHL Web Mapping Application

Please select a county ▼





National Water Information System: Mapper



Site Information



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02308		CUB	LE	1	3	1	10	24S	33E	634953	3567364*	40	20	20
C 02309		CUB	LE	2	2	2	25	24S	33E	639708	3562997	60	30	30
C 02310		CUB	LE	2	4	2	33	24S	33E	634420	3560893	120	70	50
C 02311		CUB	LE	2	3	2	33	24S	33E	634391	3560877	120	70	50
C 02430		CUB	LE	3	3	3	16	24S	33E	633377	3564732*	643	415	228
C 02431		CUB	LE	4	4	4	17	24S	33E	633175	3564728*	525	415	110
C 02432		CUB	LE	4	4	4	17	24S	33E	633175	3564728*	640	415	225
C 02563		CUB	LE	1	4	2	33	24S	33E	634639	3560923*	120		
C 02564		CUB	LE	2	4	2	33	24S	33E	634839	3560923*	120		
C 02890		C	LE	2	4	29	24S	33E	633114	3562012*		500		
C 03565 POD3		CUB	LE	3	4	08	24S	33E	632763	3566546		1533		
C 03591 POD1		CUB	LE	2	1	4	05	24S	33E	632731	3568518			
C 03600 POD1		CUB	LE	2	2	1	26	24S	33E	637275	3563023			
C 03600 POD2		CUB	LE	4	4	1	25	24S	33E	638824	3562329			
C 03600 POD3		CUB	LE	3	4	2	26	24S	33E	637784	3562340			
C 03600 POD4		CUB	LE	3	3	1	26	24S	33E	636617	3562293			
C 03600 POD5		CUB	LE	3	2	4	26	24S	33E	637857	3562020			
C 03600 POD6		CUB	LE	3	1	4	26	24S	33E	637383	3562026			
C 03600 POD7		CUB	LE	3	1	3	26	24S	33E	636726	3561968			
C 03601 POD1		CUB	LE	4	4	2	23	24S	33E	638124	3563937			
C 03601 POD2		CUB	LE	3	2	4	23	24S	33E	637846	3563588			
C 03601 POD3		CUB	LE	1	3	3	24	24S	33E	638142	3563413			
C 03601 POD4		CUB	LE	3	3	3	24	24S	33E	638162	3561375			
C 03601 POD5		CUB	LE	2	4	4	23	24S	33E	637988	3563334			
C 03601 POD6		CUB	LE	1	4	4	23	24S	33E	637834	3563338			
C 03601 POD7		CUB	LE	4	4	4	23	24S	33E	637946	3563170			

*UTM location was derived from PLSS - see Help

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

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

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

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

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 03602 POD2	CUB	LE	4	4	1	25	24S	33E	638824	3562329				
C 03603 POD1	CUB	LE	3	2	2	35	24S	33E	637805	3561225				
C 03603 POD2	CUB	LE	3	1	2	35	24S	33E	637384	3561167				
C 03603 POD3	CUB	LE	4	1	1	35	24S	33E	636890	3561092				
C 03603 POD4	CUB	LE	3	2	4	35	24S	33E	637789	3560461				
C 03603 POD5	CUB	LE	3	3	2	35	24S	33E	636745	3560767				
C 03603 POD6	CUB	LE	3	1	3	35	24S	33E	636749	3560447				
C 03662 POD1	C	LE	3	1	2	23	24S	33E	637342	3564428		550	110	440
C 03666 POD1	C	LE	2	3	4	13	24S	33E	639132	3565078		650	390	260
C 03679 POD1	C	ED	1	4	2	14	24S	33E	603567	3581547		700	575	125
C 03917 POD1	C	LE	4	1	3	13	24S	33E	638374	3565212		600	420	180
C 04014 POD2	CUB	LE	4	4	2	01	24S	33E	639656	3568917		95	81	14
C 04014 POD3	CUB	LE	2	4	2	01	24S	33E	639497	3569007		95	87	8
C 04014 POD4	CUB	LE	3	4	2	01	24S	33E	639295	3568859		96	86	10
C 04014 POD5	CUB	LE	1	4	2	01	24S	33E	639284	3569086		95	85	10
C 04339 POD1	CUB	LE	1	3	3	23	24S	33E	636525	3563309		47		
C 04339 POD10	CUB	LE	4	1	4	23	24S	33E	637688	3563503		49		
C 04339 POD2	CUB	LE	2	3	3	23	24S	33E	636789	3563315				
C 04339 POD3	CUB	LE	2	4	3	23	24S	33E	637273	3563323		38		
C 04339 POD4	CUB	LE	2	4	3	23	24S	33E	637273	3563323		47		
C 04339 POD5	CUB	LE	2	3	4	23	24S	33E	637580	3563328		54		
C 04339 POD6	CUB	LE	3	1	2	23	24S	33E	637340	3564386		60		
C 04339 POD7	CUB	LE	4	4	2	23	24S	33E	636473	3564011		43		
C 04339 POD8	CUB	LE	1	1	3	23	24S	33E	636519	3563681		30		
C 04339 POD9	CUB	LE	3	4	2	23	24S	33E	637731	3563913		45		

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Average Depth to Water: **300 feet**

Minimum Depth: **20 feet**

Maximum Depth: **1533 feet**

Record Count: 51

PLSS Search:

Township: 24S

Range: 33E



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Agency code = usgs

site_no list =

- 321127103310401

Minimum number of levels = 1

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USGS 321127103310401 24S.33E.24.44444

Lea County, New Mexico

Latitude 32°11'27", Longitude 103°31'04" NAD27

Land-surface elevation 3,538 feet above NAVD88

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

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1953-11-27			D 62610		3518.95	NGVD29	1		Z	
1953-11-27			D 62611		3520.60	NAVD88	1		Z	
1953-11-27			D 72019	17.40			1		Z	
1976-01-21			D 62610		3522.78	NGVD29	1		Z	
1976-01-21			D 62611		3524.43	NAVD88	1		Z	
1976-01-21			D 72019	13.57			1		Z	
1981-03-19			D 62610		3520.32	NGVD29	1		Z	
1981-03-19			D 62611		3521.97	NAVD88	1		Z	
1981-03-19			D 72019	16.03			1		Z	
1986-03-06			D 62610		3521.55	NGVD29	1		Z	
1986-03-06			D 62611		3523.20	NAVD88	1		Z	
1986-03-06			D 72019	14.80			1		Z	
1991-05-29			D 62610		3518.79	NGVD29	1		Z	
1991-05-29			D 62611		3520.44	NAVD88	1		Z	
1991-05-29			D 72019	17.56			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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0.34 0.31 nadww01



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	
C	03662 POD1	3	1	2	23	24S	33E	637342	3564428	
Driller License: 1654		Driller Company:				NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC				
Driller Name:										
Drill Start Date:	08/19/2013	Drill Finish Date:				08/20/2013		Plug Date:		
Log File Date:	09/16/2013	PCW Rcv Date:						Source: Shallow		
Pump Type:		Pipe Discharge Size:						Estimated Yield: 10 GPM		
Casing Size:	6.00	Depth Well:				550 feet		Depth Water: 110 feet		
Water Bearing Stratifications:		Top		Bottom		Description				
		250		275		Sandstone/Gravel/Conglomerate				
Casing Perforations:		Top		Bottom						
		280		360						

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321145103330001

Minimum number of levels = 1

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USGS 321145103330001 24S.33E.23.31322

Lea County, New Mexico

Latitude 32°12'03.2", Longitude 103°33'03.20" NAD83

Land-surface elevation 3,567.00 feet above NGVD29

The depth of the well is 232 feet below land surface.

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

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

[Table of data](#)

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[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
1953-11-27			D	62610	3358.34	NGVD29	1	Z		
1953-11-27			D	62611	3360.02	NAVD88	1	Z		
1953-11-27			D	72019	208.66		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.

Section	Code	Description
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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0.33 0.29 nadww01



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	Tw	Rng	X	Y	
	C 02309	2	2	2	25	24S	33E	639708	3562997 	
Driller License:		Driller Company:								
Driller Name:		UNKNOWN								
Drill Start Date:		01/01/1912		Drill Finish Date:			06/30/1912		Plug Date:	
Log File Date:					PCW Rev Date:			Source:		
Pump Type:					Pipe Discharge Size:			Estimated Yield: 40 GPM		
Casing Size:		7.00		Depth Well:			60 feet		Depth Water: 30 feet	

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6/23/21 9:20 AM

POINT OF DIVERSION SUMMARY



Appendix C



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-4033-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: EOG- Diamondback SM Release

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:
7/22/2021 9:37:50 AM

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: EOG- Diamondback SM Release

Laboratory Job ID: 880-4033-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	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: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Job ID: 880-4033-1

Laboratory: Eurofins Xenco, Midland**Narrative**

**Job Narrative
880-4033-1****Receipt**

The samples were received on 7/15/2021 2:28 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6°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

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

HPLC/IC

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

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-4033-1

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 18:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 18:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 18:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/16/21 08:35	07/16/21 18:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 18:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/16/21 08:35	07/16/21 18:44	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/16/21 08:35	07/16/21 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	07/16/21 08:35	07/16/21 18:44	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/16/21 08:35	07/16/21 18:44	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		07/15/21 15:22	07/21/21 20:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 20:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 20:45	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 20:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	07/15/21 15:22	07/21/21 20:45	1
o-Terphenyl	108		70 - 130	07/15/21 15:22	07/21/21 20:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.8		4.99		mg/Kg			07/17/21 08:34	1

Client Sample ID: Trench-1 (1')

Lab Sample ID: 880-4033-2

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/16/21 08:35	07/16/21 19:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/16/21 08:35	07/16/21 19:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/16/21 08:35	07/16/21 19:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/16/21 08:35	07/16/21 19:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/16/21 08:35	07/16/21 19:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/16/21 08:35	07/16/21 19:05	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/16/21 08:35	07/16/21 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	07/16/21 08:35	07/16/21 19:05	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/16/21 08:35	07/16/21 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/15/21 15:22	07/21/21 21:47	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-1 (1')

Lab Sample ID: 880-4033-2

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/15/21 15:22	07/21/21 21:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/15/21 15:22	07/21/21 21:47	1
Total TPH	<49.8	U	49.8		mg/Kg		07/15/21 15:22	07/21/21 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				07/15/21 15:22	07/21/21 21:47	1
o-Terphenyl	106		70 - 130				07/15/21 15:22	07/21/21 21:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.50		5.04		mg/Kg			07/17/21 08:39	1

Client Sample ID: Trench-1 (2')

Lab Sample ID: 880-4033-3

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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		07/16/21 08:35	07/16/21 19:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/16/21 08:35	07/16/21 19:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/16/21 08:35	07/16/21 19:25	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/16/21 08:35	07/16/21 19:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/16/21 08:35	07/16/21 19:25	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/16/21 08:35	07/16/21 19:25	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		07/16/21 08:35	07/16/21 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				07/16/21 08:35	07/16/21 19:25	1
1,4-Difluorobenzene (Surr)	99		70 - 130				07/16/21 08:35	07/16/21 19:25	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		07/15/21 15:22	07/21/21 22:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 22:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 22:08	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				07/15/21 15:22	07/21/21 22:08	1
o-Terphenyl	107		70 - 130				07/15/21 15:22	07/21/21 22:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.1		4.98		mg/Kg			07/17/21 08:45	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-1 (3')

Lab Sample ID: 880-4033-4

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 19:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 19:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 19:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/16/21 08:35	07/16/21 19:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 19:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/16/21 08:35	07/16/21 19:46	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/16/21 08:35	07/16/21 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	07/16/21 08:35	07/16/21 19:46	1
1,4-Difluorobenzene (Surr)	100		70 - 130	07/16/21 08:35	07/16/21 19:46	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		07/15/21 15:22	07/21/21 22:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 22:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 22:29	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 22:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	07/15/21 15:22	07/21/21 22:29	1
o-Terphenyl	115		70 - 130	07/15/21 15:22	07/21/21 22:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0	F1	4.98		mg/Kg			07/17/21 08:50	1

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

Lab Sample ID: 880-4033-5

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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		07/16/21 08:35	07/16/21 20:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/16/21 08:35	07/16/21 20:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/16/21 08:35	07/16/21 20:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/16/21 08:35	07/16/21 20:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/16/21 08:35	07/16/21 20:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/16/21 08:35	07/16/21 20:06	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/16/21 08:35	07/16/21 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	07/16/21 08:35	07/16/21 20:06	1
1,4-Difluorobenzene (Surr)	98		70 - 130	07/16/21 08:35	07/16/21 20:06	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		07/15/21 15:22	07/21/21 22:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-4033-5

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/15/21 15:22	07/21/21 22:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/15/21 15:22	07/21/21 22:50	1
Total TPH	<49.8	U	49.8		mg/Kg		07/15/21 15:22	07/21/21 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				07/15/21 15:22	07/21/21 22:50	1
o-Terphenyl	108		70 - 130				07/15/21 15:22	07/21/21 22:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	566		5.00		mg/Kg			07/17/21 09:06	1

Client Sample ID: Trench-2 (1')

Lab Sample ID: 880-4033-6

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/16/21 08:35	07/16/21 20:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/16/21 08:35	07/16/21 20:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/16/21 08:35	07/16/21 20:26	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/16/21 08:35	07/16/21 20:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/16/21 08:35	07/16/21 20:26	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/16/21 08:35	07/16/21 20:26	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		07/16/21 08:35	07/16/21 20:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/16/21 08:35	07/16/21 20:26	1
1,4-Difluorobenzene (Surr)	97		70 - 130				07/16/21 08:35	07/16/21 20:26	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	<49.7	U	49.7		mg/Kg		07/15/21 15:22	07/21/21 23:11	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/15/21 15:22	07/21/21 23:11	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/15/21 15:22	07/21/21 23:11	1
Total TPH	<49.7	U	49.7		mg/Kg		07/15/21 15:22	07/21/21 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				07/15/21 15:22	07/21/21 23:11	1
o-Terphenyl	110		70 - 130				07/15/21 15:22	07/21/21 23:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	439		5.02		mg/Kg			07/17/21 09:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-2 (2')

Lab Sample ID: 880-4033-7

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/16/21 08:35	07/16/21 20:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/16/21 08:35	07/16/21 20:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/16/21 08:35	07/16/21 20:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/16/21 08:35	07/16/21 20:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/16/21 08:35	07/16/21 20:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/16/21 08:35	07/16/21 20:47	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		07/16/21 08:35	07/16/21 20:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	07/16/21 08:35	07/16/21 20:47	1
1,4-Difluorobenzene (Surr)	96		70 - 130	07/16/21 08:35	07/16/21 20:47	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		07/15/21 15:22	07/21/21 23:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/21/21 23:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/21/21 23:31	1
Total TPH	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/21/21 23:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	07/15/21 15:22	07/21/21 23:31	1
o-Terphenyl	105		70 - 130	07/15/21 15:22	07/21/21 23:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	493		4.98		mg/Kg			07/17/21 09:28	1

Client Sample ID: Trench-2 (3')

Lab Sample ID: 880-4033-8

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 21:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 21:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 21:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/16/21 08:35	07/16/21 21:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 21:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/16/21 08:35	07/16/21 21:07	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/16/21 08:35	07/16/21 21:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	07/16/21 08:35	07/16/21 21:07	1
1,4-Difluorobenzene (Surr)	100		70 - 130	07/16/21 08:35	07/16/21 21:07	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		07/15/21 15:22	07/21/21 23:52	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-2 (3')

Lab Sample ID: 880-4033-8

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 23:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 23:52	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/15/21 15:22	07/21/21 23:52	1
o-Terphenyl	110		70 - 130				07/15/21 15:22	07/21/21 23:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.2		5.03		mg/Kg			07/17/21 09:33	1

Client Sample ID: Trench-2 (4')

Lab Sample ID: 880-4033-9

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 14:45	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		07/15/21 15:04	07/16/21 14:45	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		07/15/21 15:04	07/16/21 14:45	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		07/15/21 15:04	07/16/21 14:45	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		07/15/21 15:04	07/16/21 14:45	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		07/15/21 15:04	07/16/21 14:45	1
Total BTEX	<0.00401	U F1	0.00401		mg/Kg		07/15/21 15:04	07/16/21 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				07/15/21 15:04	07/16/21 14:45	1
1,4-Difluorobenzene (Surr)	104		70 - 130				07/15/21 15:04	07/16/21 14:45	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		07/15/21 15:22	07/22/21 00:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 00:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 00:13	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 00:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				07/15/21 15:22	07/22/21 00:13	1
o-Terphenyl	107		70 - 130				07/15/21 15:22	07/22/21 00:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.6		4.99		mg/Kg			07/17/21 09:38	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-4033-10

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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		07/15/21 15:04	07/16/21 15:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/15/21 15:04	07/16/21 15:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/15/21 15:04	07/16/21 15:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 15:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/15/21 15:04	07/16/21 15:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 15:05	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	07/15/21 15:04	07/16/21 15:05	1
1,4-Difluorobenzene (Surr)	102		70 - 130	07/15/21 15:04	07/16/21 15:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 00:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 00:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 00:33	1
Total TPH	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	07/15/21 15:22	07/22/21 00:33	1
o-Terphenyl	115		70 - 130	07/15/21 15:22	07/22/21 00:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2280		25.2		mg/Kg			07/17/21 09:44	5

Client Sample ID: Trench-3 (1')

Lab Sample ID: 880-4033-11

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 15:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 15:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 15:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/15/21 15:04	07/16/21 15:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 15:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/15/21 15:04	07/16/21 15:26	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/15/21 15:04	07/16/21 15:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	07/15/21 15:04	07/16/21 15:26	1
1,4-Difluorobenzene (Surr)	103		70 - 130	07/15/21 15:04	07/16/21 15:26	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		07/15/21 15:22	07/22/21 01:15	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-3 (1')

Lab Sample ID: 880-4033-11

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 01:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 01:15	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				07/15/21 15:22	07/22/21 01:15	1
o-Terphenyl	110		70 - 130				07/15/21 15:22	07/22/21 01:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.5		5.04		mg/Kg			07/17/21 09:49	1

Client Sample ID: Trench-3 (2')

Lab Sample ID: 880-4033-12

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 15:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 15:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 15:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 15:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 15:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 15:46	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				07/15/21 15:04	07/16/21 15:46	1
1,4-Difluorobenzene (Surr)	103		70 - 130				07/15/21 15:04	07/16/21 15:46	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		07/15/21 15:22	07/22/21 01:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 01:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 01:35	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 01:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/15/21 15:22	07/22/21 01:35	1
o-Terphenyl	113		70 - 130				07/15/21 15:22	07/22/21 01:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.8		5.02		mg/Kg			07/17/21 09:55	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-3 (3')

Lab Sample ID: 880-4033-13

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 16:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 16:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 16:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/15/21 15:04	07/16/21 16:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 16:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/15/21 15:04	07/16/21 16:06	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/15/21 15:04	07/16/21 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	07/15/21 15:04	07/16/21 16:06	1
1,4-Difluorobenzene (Surr)	104		70 - 130	07/15/21 15:04	07/16/21 16:06	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		07/15/21 15:22	07/22/21 01:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 01:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 01:56	1
Total TPH	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	07/15/21 15:22	07/22/21 01:56	1
o-Terphenyl	115		70 - 130	07/15/21 15:22	07/22/21 01:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.7		4.98		mg/Kg			07/17/21 10:00	1

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

Lab Sample ID: 880-4033-14

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 16:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 16:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 16:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 16:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 16:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 16:27	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 16:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	07/15/21 15:04	07/16/21 16:27	1
1,4-Difluorobenzene (Surr)	105		70 - 130	07/15/21 15:04	07/16/21 16:27	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		07/15/21 15:22	07/22/21 02:17	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-4033-14

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	85.6		49.9		mg/Kg		07/15/21 15:22	07/22/21 02:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 02:17	1
Total TPH	85.6		49.9		mg/Kg		07/15/21 15:22	07/22/21 02:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				07/15/21 15:22	07/22/21 02:17	1
o-Terphenyl	108		70 - 130				07/15/21 15:22	07/22/21 02:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		25.2		mg/Kg			07/16/21 22:31	5

Client Sample ID: Trench-4 (1')

Lab Sample ID: 880-4033-15

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 16:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 16:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 16:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/15/21 15:04	07/16/21 16:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 16:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/15/21 15:04	07/16/21 16:47	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/15/21 15:04	07/16/21 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				07/15/21 15:04	07/16/21 16:47	1
1,4-Difluorobenzene (Surr)	106		70 - 130				07/15/21 15:04	07/16/21 16:47	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		07/15/21 15:22	07/22/21 02:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 02:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 02:38	1
Total TPH	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 02:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				07/15/21 15:22	07/22/21 02:38	1
o-Terphenyl	115		70 - 130				07/15/21 15:22	07/22/21 02:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1660		25.0		mg/Kg			07/16/21 22:48	5

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-4 (2')

Lab Sample ID: 880-4033-16

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 17:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 17:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 17:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 17:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 17:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 17:08	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	07/15/21 15:04	07/16/21 17:08	1
1,4-Difluorobenzene (Surr)	104		70 - 130	07/15/21 15:04	07/16/21 17:08	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		07/15/21 15:22	07/22/21 02:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 02:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 02:58	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 02:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	07/15/21 15:22	07/22/21 02:58	1
o-Terphenyl	115		70 - 130	07/15/21 15:22	07/22/21 02:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1580		24.8		mg/Kg			07/16/21 22:53	5

Client Sample ID: Trench-4 (3')

Lab Sample ID: 880-4033-17

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 17:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 17:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 17:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 17:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/15/21 15:04	07/16/21 17:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 17:28	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/15/21 15:04	07/16/21 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	07/15/21 15:04	07/16/21 17:28	1
1,4-Difluorobenzene (Surr)	105		70 - 130	07/15/21 15:04	07/16/21 17:28	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		07/15/21 15:22	07/22/21 03:19	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-4 (3')

Lab Sample ID: 880-4033-17

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 03:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 03:19	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/15/21 15:22	07/22/21 03:19	1
o-Terphenyl	115		70 - 130				07/15/21 15:22	07/22/21 03:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	793		25.0		mg/Kg			07/16/21 22:59	5

Client Sample ID: Trench-4 (4')

Lab Sample ID: 880-4033-18

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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		07/15/21 15:04	07/16/21 17:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/15/21 15:04	07/16/21 17:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/15/21 15:04	07/16/21 17:48	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/15/21 15:04	07/16/21 17:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/15/21 15:04	07/16/21 17:48	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/15/21 15:04	07/16/21 17:48	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		07/15/21 15:04	07/16/21 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				07/15/21 15:04	07/16/21 17:48	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/15/21 15:04	07/16/21 17:48	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		07/15/21 15:22	07/22/21 03:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 03:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 03:40	1
Total TPH	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 03:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				07/15/21 15:22	07/22/21 03:40	1
o-Terphenyl	109		70 - 130				07/15/21 15:22	07/22/21 03:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2430		24.9		mg/Kg			07/16/21 23:04	5

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-4 (5')

Lab Sample ID: 880-4033-19

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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		07/15/21 15:04	07/16/21 19:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/15/21 15:04	07/16/21 19:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/15/21 15:04	07/16/21 19:38	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/15/21 15:04	07/16/21 19:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/15/21 15:04	07/16/21 19:38	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/15/21 15:04	07/16/21 19:38	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		07/15/21 15:04	07/16/21 19:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	07/15/21 15:04	07/16/21 19:38	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/15/21 15:04	07/16/21 19:38	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		07/15/21 15:22	07/22/21 04:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 04:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 04:01	1
Total TPH	<49.9	U	49.9		mg/Kg		07/15/21 15:22	07/22/21 04:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	07/15/21 15:22	07/22/21 04:01	1
o-Terphenyl	128		70 - 130	07/15/21 15:22	07/22/21 04:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1910		25.2		mg/Kg			07/16/21 23:21	5

Client Sample ID: Trench-4 (6')

Lab Sample ID: 880-4033-20

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 19:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 19:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 19:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/15/21 15:04	07/16/21 19:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 19:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/15/21 15:04	07/16/21 19:59	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/15/21 15:04	07/16/21 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	07/15/21 15:04	07/16/21 19:59	1
1,4-Difluorobenzene (Surr)	104		70 - 130	07/15/21 15:04	07/16/21 19:59	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		07/15/21 15:22	07/22/21 04:22	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-4 (6')

Lab Sample ID: 880-4033-20

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 04:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 04:22	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/22/21 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/15/21 15:22	07/22/21 04:22	1
o-Terphenyl	111		70 - 130				07/15/21 15:22	07/22/21 04:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		25.2		mg/Kg			07/16/21 23:26	5

Client Sample ID: Trench-4 (7')

Lab Sample ID: 880-4033-21

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 20:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 20:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 20:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/15/21 15:04	07/16/21 20:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 20:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/15/21 15:04	07/16/21 20:19	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/15/21 15:04	07/16/21 20:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				07/15/21 15:04	07/16/21 20:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130				07/15/21 15:04	07/16/21 20:19	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		07/15/21 15:36	07/19/21 01:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/19/21 01:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/19/21 01:43	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/19/21 01:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				07/15/21 15:36	07/19/21 01:43	1
o-Terphenyl	144	S1+	70 - 130				07/15/21 15:36	07/19/21 01:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1750		25.0		mg/Kg			07/16/21 23:32	5

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-4 (8')

Lab Sample ID: 880-4033-22

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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		07/15/21 15:04	07/16/21 20:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/15/21 15:04	07/16/21 20:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/15/21 15:04	07/16/21 20:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 20:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/15/21 15:04	07/16/21 20:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 20:40	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	07/15/21 15:04	07/16/21 20:40	1
1,4-Difluorobenzene (Surr)	104		70 - 130	07/15/21 15:04	07/16/21 20:40	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		07/15/21 15:36	07/19/21 02:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/19/21 02:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/19/21 02:04	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/19/21 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	07/15/21 15:36	07/19/21 02:04	1
o-Terphenyl	155	S1+	70 - 130	07/15/21 15:36	07/19/21 02:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1680		25.2		mg/Kg			07/16/21 23:37	5

Client Sample ID: Trench-4 (9')

Lab Sample ID: 880-4033-23

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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		07/15/21 15:04	07/16/21 21:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/15/21 15:04	07/16/21 21:00	1
Ethylbenzene	0.00214		0.00201		mg/Kg		07/15/21 15:04	07/16/21 21:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 21:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/15/21 15:04	07/16/21 21:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 21:00	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 21:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	07/15/21 15:04	07/16/21 21:00	1
1,4-Difluorobenzene (Surr)	88		70 - 130	07/15/21 15:04	07/16/21 21:00	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		07/15/21 15:36	07/19/21 02:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-4 (9')

Lab Sample ID: 880-4033-23

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/15/21 15:36	07/19/21 02:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/15/21 15:36	07/19/21 02:24	1
Total TPH	<49.9	U	49.9		mg/Kg		07/15/21 15:36	07/19/21 02:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				07/15/21 15:36	07/19/21 02:24	1
o-Terphenyl	153	S1+	70 - 130				07/15/21 15:36	07/19/21 02:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	934		4.98		mg/Kg			07/16/21 23:43	1

Client Sample ID: Trench-4 (10')

Lab Sample ID: 880-4033-24

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

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		07/15/21 15:04	07/16/21 21:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/15/21 15:04	07/16/21 21:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/15/21 15:04	07/16/21 21:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 21:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/15/21 15:04	07/16/21 21:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 21:20	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/15/21 15:04	07/16/21 21:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				07/15/21 15:04	07/16/21 21:20	1
1,4-Difluorobenzene (Surr)	100		70 - 130				07/15/21 15:04	07/16/21 21:20	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		07/15/21 15:36	07/19/21 03:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/19/21 03:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/19/21 03:05	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/19/21 03:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				07/15/21 15:36	07/19/21 03:05	1
o-Terphenyl	150	S1+	70 - 130				07/15/21 15:36	07/19/21 03:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	779		4.98		mg/Kg			07/16/21 23:48	1

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
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)
880-4033-1	Trench -1 (0-1')	107	101
880-4033-2	Trench-1 (1')	115	101
880-4033-3	Trench-1 (2')	105	99
880-4033-4	Trench-1 (3')	110	100
880-4033-5	Trench-2 (0-1')	116	98
880-4033-6	Trench-2 (1')	113	97
880-4033-7	Trench-2 (2')	104	96
880-4033-8	Trench-2 (3')	116	100
880-4033-9	Trench-2 (4')	105	104
880-4033-9 MS	Trench-2 (4')	104	99
880-4033-9 MSD	Trench-2 (4')	107	105
880-4033-10	Trench-3 (0-1')	112	102
880-4033-11	Trench-3 (1')	111	103
880-4033-12	Trench-3 (2')	112	103
880-4033-13	Trench-3 (3')	110	104
880-4033-14	Trench-4 (0-1')	109	105
880-4033-15	Trench-4 (1')	108	106
880-4033-16	Trench-4 (2')	113	104
880-4033-17	Trench-4 (3')	118	105
880-4033-18	Trench-4 (4')	142 S1+	92
880-4033-19	Trench-4 (5')	105	101
880-4033-20	Trench-4 (6')	115	104
880-4033-21	Trench-4 (7')	111	99
880-4033-22	Trench-4 (8')	112	104
880-4033-23	Trench-4 (9')	146 S1+	88
880-4033-24	Trench-4 (10')	112	100
LCS 880-5237/1-A	Lab Control Sample	99	97
LCS 880-5264/1-A	Lab Control Sample	97	108
LCSD 880-5237/2-A	Lab Control Sample Dup	98	99
LCSD 880-5264/2-A	Lab Control Sample Dup	103	111
MB 880-5237/5-A	Method Blank	106	98
MB 880-5264/5-A	Method Blank	99	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-4033-1	Trench -1 (0-1')	94	108
880-4033-1 MS	Trench -1 (0-1')	88	93
880-4033-1 MSD	Trench -1 (0-1')	86	91
880-4033-2	Trench-1 (1')	93	106
880-4033-3	Trench-1 (2')	94	107
880-4033-4	Trench-1 (3')	102	115
880-4033-5	Trench-2 (0-1')	94	108

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global

Job ID: 880-4033-1

Project/Site: EOG- Diamondback SM Release

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)
880-4033-6	Trench-2 (1')	97	110
880-4033-7	Trench-2 (2')	91	105
880-4033-8	Trench-2 (3')	98	110
880-4033-9	Trench-2 (4')	95	107
880-4033-10	Trench-3 (0-1')	100	115
880-4033-11	Trench-3 (1')	96	110
880-4033-12	Trench-3 (2')	98	113
880-4033-13	Trench-3 (3')	102	115
880-4033-14	Trench-4 (0-1')	96	108
880-4033-15	Trench-4 (1')	102	115
880-4033-16	Trench-4 (2')	100	115
880-4033-17	Trench-4 (3')	100	115
880-4033-18	Trench-4 (4')	95	109
880-4033-19	Trench-4 (5')	111	128
880-4033-20	Trench-4 (6')	98	111
880-4033-21	Trench-4 (7')	102	144 S1+
880-4033-22	Trench-4 (8')	118	155 S1+
880-4033-23	Trench-4 (9')	112	153 S1+
880-4033-24	Trench-4 (10')	103	150 S1+
LCS 880-5242/2-A	Lab Control Sample	97	108
LCS 880-5244/2-A	Lab Control Sample	102	98
LCSD 880-5242/3-A	Lab Control Sample Dup	93	103
LCSD 880-5244/3-A	Lab Control Sample Dup	104	97
MB 880-5242/1-A	Method Blank	96	112
MB 880-5244/1-A	Method Blank	106	122

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-5237/5-A

Matrix: Solid

Analysis Batch: 5272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 14:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 14:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 14:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/15/21 15:04	07/16/21 14:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/15/21 15:04	07/16/21 14:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/15/21 15:04	07/16/21 14:16	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/15/21 15:04	07/16/21 14:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	07/15/21 15:04	07/16/21 14:16	1
1,4-Difluorobenzene (Surr)	98		70 - 130	07/15/21 15:04	07/16/21 14:16	1

Lab Sample ID: LCS 880-5237/1-A

Matrix: Solid

Analysis Batch: 5272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09791		mg/Kg		98	70 - 130
Toluene	0.100	0.09407		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09966		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.1968		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09447		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-5237/2-A

Matrix: Solid

Analysis Batch: 5272

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5237

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09598		mg/Kg		96	70 - 130	2	35
Toluene	0.100	0.08951		mg/Kg		90	70 - 130	5	35
Ethylbenzene	0.100	0.09230		mg/Kg		92	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1824		mg/Kg		91	70 - 130	8	35
o-Xylene	0.100	0.08976		mg/Kg		90	70 - 130	5	35

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

Lab Sample ID: 880-4033-9 MS

Matrix: Solid

Analysis Batch: 5272

Client Sample ID: Trench-2 (4')

Prep Type: Total/NA

Prep Batch: 5237

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.100	0.08266		mg/Kg		82	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-4033-9 MS

Matrix: Solid

Analysis Batch: 5272

Client Sample ID: Trench-2 (4')

Prep Type: Total/NA

Prep Batch: 5237

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U F1	0.100	0.06878	F1	mg/Kg		69	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06019	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1199	F1	mg/Kg		60	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06019	F1	mg/Kg		60	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	104		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: 880-4033-9 MSD

Matrix: Solid

Analysis Batch: 5272

Client Sample ID: Trench-2 (4')

Prep Type: Total/NA

Prep Batch: 5237

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08748		mg/Kg		87	70 - 130	6	35
Toluene	<0.00200	U F1	0.100	0.06830	F1	mg/Kg		68	70 - 130	1	35
Ethylbenzene	<0.00200	U F1	0.100	0.05922	F1	mg/Kg		58	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U F1	0.201	0.1174	F1	mg/Kg		58	70 - 130	2	35
o-Xylene	<0.00200	U F1	0.100	0.05900	F1	mg/Kg		59	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	107		70 - 130								
1,4-Difluorobenzene (Surr)	105		70 - 130								

Lab Sample ID: MB 880-5264/5-A

Matrix: Solid

Analysis Batch: 5266

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5264

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 13:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 13:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 13:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/16/21 08:35	07/16/21 13:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/16/21 08:35	07/16/21 13:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/16/21 08:35	07/16/21 13:17	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/16/21 08:35	07/16/21 13:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				07/16/21 08:35	07/16/21 13:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130				07/16/21 08:35	07/16/21 13:17	1

Lab Sample ID: LCS 880-5264/1-A

Matrix: Solid

Analysis Batch: 5266

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5264

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1020		mg/Kg		102	70 - 130
Toluene	0.100	0.09180		mg/Kg		92	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-5264/1-A

Matrix: Solid

Analysis Batch: 5266

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5264

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.08714		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1742		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08700		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-5264/2-A

Matrix: Solid

Analysis Batch: 5266

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5264

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1009		mg/Kg		101	70 - 130	1	35
Toluene	0.100	0.09008		mg/Kg		90	70 - 130	2	35
Ethylbenzene	0.100	0.08679		mg/Kg		87	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1782		mg/Kg		89	70 - 130	2	35
o-Xylene	0.100	0.08955		mg/Kg		90	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

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

Lab Sample ID: MB 880-5242/1-A

Matrix: Solid

Analysis Batch: 5448

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5242

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		07/15/21 15:22	07/21/21 19:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 19:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 19:42	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:22	07/21/21 19:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	07/15/21 15:22	07/21/21 19:42	1
o-Terphenyl	112		70 - 130	07/15/21 15:22	07/21/21 19:42	1

Lab Sample ID: LCS 880-5242/2-A

Matrix: Solid

Analysis Batch: 5448

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5242

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	765.5		mg/Kg		77	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-5242/2-A

Matrix: Solid

Analysis Batch: 5448

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5242

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics (Over C10-C28)			1000	986.6		mg/Kg		99	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	108		70 - 130								

Lab Sample ID: LCSD 880-5242/3-A

Matrix: Solid

Analysis Batch: 5448

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5242

Top Data - 1											
Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
			Added	Result	Qualifier				Limits	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	809.3		mg/Kg		81	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	937.5		mg/Kg		94	70 - 130	5	20
Bottom Data - 1											
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
1-Chlorooctane	93		70 - 130								
o-Terphenyl	103		70 - 130								

Lab Sample ID: 880-4033-1 MS

Matrix: Solid

Analysis Batch: 5448

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

Prep Type: Total/NA

Prep Batch: 5242

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	795.1		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	970.2		mg/Kg		97	70 - 130		

Lab Sample ID: 880-4033-1 MSD

Matrix: Solid

Analysis Batch: 5448

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

Prep Type: Total/NA

Prep Batch: 5242

Top Data Table											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	790.5		mg/Kg		79	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	957.2		mg/Kg		96	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	91		70 - 130								

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-5244/1-A

Matrix: Solid

Analysis Batch: 5327

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5244

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		07/15/21 15:36	07/18/21 21:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/18/21 21:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/18/21 21:34	1
Total TPH	<50.0	U	50.0		mg/Kg		07/15/21 15:36	07/18/21 21:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	07/15/21 15:36	07/18/21 21:34	1
o-Terphenyl	122		70 - 130	07/15/21 15:36	07/18/21 21:34	1

Lab Sample ID: LCS 880-5244/2-A

Matrix: Solid

Analysis Batch: 5327

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5244

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	907.6		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	938.5		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-5244/3-A

Matrix: Solid

Analysis Batch: 5327

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5244

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	901.9		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	939.4		mg/Kg		94	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	97		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-5262/1-A

Matrix: Solid

Analysis Batch: 5318

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			07/17/21 07:18	1

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-5262/2-A

Matrix: Solid

Analysis Batch: 5318

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	264.2		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-5262/3-A

Matrix: Solid

Analysis Batch: 5318

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	265.1		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-4033-4 MS

Matrix: Solid

Analysis Batch: 5318

Client Sample ID: Trench-1 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	13.0	F1	249	303.6	F1	mg/Kg		117	90 - 110

Lab Sample ID: 880-4033-4 MSD

Matrix: Solid

Analysis Batch: 5318

Client Sample ID: Trench-1 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13.0	F1	249	304.0	F1	mg/Kg		117	90 - 110	0	20

Lab Sample ID: MB 880-5263/1-A

Matrix: Solid

Analysis Batch: 5320

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			07/16/21 22:15	1

Lab Sample ID: LCS 880-5263/2-A

Matrix: Solid

Analysis Batch: 5320

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	260.2		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-5263/3-A

Matrix: Solid

Analysis Batch: 5320

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	260.6		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-4033-14 MS

Matrix: Solid

Analysis Batch: 5320

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1600		1260	2981		mg/Kg		110	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-4033-14 MSD

Matrix: Solid

Analysis Batch: 5320

Client Sample ID: Trench-4 (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	1600		1260	2990		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-4033-24 MS

Matrix: Solid

Analysis Batch: 5320

Client Sample ID: Trench-4 (10')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	779		249	1009		mg/Kg		92	90 - 110		

Lab Sample ID: 880-4033-24 MSD

Matrix: Solid

Analysis Batch: 5320

Client Sample ID: Trench-4 (10')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	779		249	1012		mg/Kg		94	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 5237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-9	Trench-2 (4')	Total/NA	Solid	5035	
880-4033-10	Trench-3 (0-1')	Total/NA	Solid	5035	
880-4033-11	Trench-3 (1')	Total/NA	Solid	5035	
880-4033-12	Trench-3 (2')	Total/NA	Solid	5035	
880-4033-13	Trench-3 (3')	Total/NA	Solid	5035	
880-4033-14	Trench-4 (0-1')	Total/NA	Solid	5035	
880-4033-15	Trench-4 (1')	Total/NA	Solid	5035	
880-4033-16	Trench-4 (2')	Total/NA	Solid	5035	
880-4033-17	Trench-4 (3')	Total/NA	Solid	5035	
880-4033-18	Trench-4 (4')	Total/NA	Solid	5035	
880-4033-19	Trench-4 (5')	Total/NA	Solid	5035	
880-4033-20	Trench-4 (6')	Total/NA	Solid	5035	
880-4033-21	Trench-4 (7')	Total/NA	Solid	5035	
880-4033-22	Trench-4 (8')	Total/NA	Solid	5035	
880-4033-23	Trench-4 (9')	Total/NA	Solid	5035	
880-4033-24	Trench-4 (10')	Total/NA	Solid	5035	
MB 880-5237/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5237/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5237/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-4033-9 MS	Trench-2 (4')	Total/NA	Solid	5035	
880-4033-9 MSD	Trench-2 (4')	Total/NA	Solid	5035	

Prep Batch: 5264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-1	Trench -1 (0-1')	Total/NA	Solid	5035	
880-4033-2	Trench-1 (1')	Total/NA	Solid	5035	
880-4033-3	Trench-1 (2')	Total/NA	Solid	5035	
880-4033-4	Trench-1 (3')	Total/NA	Solid	5035	
880-4033-5	Trench-2 (0-1')	Total/NA	Solid	5035	
880-4033-6	Trench-2 (1')	Total/NA	Solid	5035	
880-4033-7	Trench-2 (2')	Total/NA	Solid	5035	
880-4033-8	Trench-2 (3')	Total/NA	Solid	5035	
MB 880-5264/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5264/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5264/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 5266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-1	Trench -1 (0-1')	Total/NA	Solid	8021B	5264
880-4033-2	Trench-1 (1')	Total/NA	Solid	8021B	5264
880-4033-3	Trench-1 (2')	Total/NA	Solid	8021B	5264
880-4033-4	Trench-1 (3')	Total/NA	Solid	8021B	5264
880-4033-5	Trench-2 (0-1')	Total/NA	Solid	8021B	5264
880-4033-6	Trench-2 (1')	Total/NA	Solid	8021B	5264
880-4033-7	Trench-2 (2')	Total/NA	Solid	8021B	5264
880-4033-8	Trench-2 (3')	Total/NA	Solid	8021B	5264
MB 880-5264/5-A	Method Blank	Total/NA	Solid	8021B	5264
LCS 880-5264/1-A	Lab Control Sample	Total/NA	Solid	8021B	5264
LCSD 880-5264/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5264

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 5272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-9	Trench-2 (4')	Total/NA	Solid	8021B	5237
880-4033-10	Trench-3 (0-1')	Total/NA	Solid	8021B	5237
880-4033-11	Trench-3 (1')	Total/NA	Solid	8021B	5237
880-4033-12	Trench-3 (2')	Total/NA	Solid	8021B	5237
880-4033-13	Trench-3 (3')	Total/NA	Solid	8021B	5237
880-4033-14	Trench-4 (0-1')	Total/NA	Solid	8021B	5237
880-4033-15	Trench-4 (1')	Total/NA	Solid	8021B	5237
880-4033-16	Trench-4 (2')	Total/NA	Solid	8021B	5237
880-4033-17	Trench-4 (3')	Total/NA	Solid	8021B	5237
880-4033-18	Trench-4 (4')	Total/NA	Solid	8021B	5237
880-4033-19	Trench-4 (5')	Total/NA	Solid	8021B	5237
880-4033-20	Trench-4 (6')	Total/NA	Solid	8021B	5237
880-4033-21	Trench-4 (7')	Total/NA	Solid	8021B	5237
880-4033-22	Trench-4 (8')	Total/NA	Solid	8021B	5237
880-4033-23	Trench-4 (9')	Total/NA	Solid	8021B	5237
880-4033-24	Trench-4 (10')	Total/NA	Solid	8021B	5237
MB 880-5237/5-A	Method Blank	Total/NA	Solid	8021B	5237
LCS 880-5237/1-A	Lab Control Sample	Total/NA	Solid	8021B	5237
LCSD 880-5237/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5237
880-4033-9 MS	Trench-2 (4')	Total/NA	Solid	8021B	5237
880-4033-9 MSD	Trench-2 (4')	Total/NA	Solid	8021B	5237

GC Semi VOA

Prep Batch: 5242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-1	Trench -1 (0-1')	Total/NA	Solid	8015NM Prep	
880-4033-2	Trench-1 (1')	Total/NA	Solid	8015NM Prep	
880-4033-3	Trench-1 (2')	Total/NA	Solid	8015NM Prep	
880-4033-4	Trench-1 (3')	Total/NA	Solid	8015NM Prep	
880-4033-5	Trench-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-4033-6	Trench-2 (1')	Total/NA	Solid	8015NM Prep	
880-4033-7	Trench-2 (2')	Total/NA	Solid	8015NM Prep	
880-4033-8	Trench-2 (3')	Total/NA	Solid	8015NM Prep	
880-4033-9	Trench-2 (4')	Total/NA	Solid	8015NM Prep	
880-4033-10	Trench-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-4033-11	Trench-3 (1')	Total/NA	Solid	8015NM Prep	
880-4033-12	Trench-3 (2')	Total/NA	Solid	8015NM Prep	
880-4033-13	Trench-3 (3')	Total/NA	Solid	8015NM Prep	
880-4033-14	Trench-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-4033-15	Trench-4 (1')	Total/NA	Solid	8015NM Prep	
880-4033-16	Trench-4 (2')	Total/NA	Solid	8015NM Prep	
880-4033-17	Trench-4 (3')	Total/NA	Solid	8015NM Prep	
880-4033-18	Trench-4 (4')	Total/NA	Solid	8015NM Prep	
880-4033-19	Trench-4 (5')	Total/NA	Solid	8015NM Prep	
880-4033-20	Trench-4 (6')	Total/NA	Solid	8015NM Prep	
MB 880-5242/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5242/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5242/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-4033-1 MS	Trench -1 (0-1')	Total/NA	Solid	8015NM Prep	
880-4033-1 MSD	Trench -1 (0-1')	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 5244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-21	Trench-4 (7')	Total/NA	Solid	8015NM Prep	
880-4033-22	Trench-4 (8')	Total/NA	Solid	8015NM Prep	
880-4033-23	Trench-4 (9')	Total/NA	Solid	8015NM Prep	
880-4033-24	Trench-4 (10')	Total/NA	Solid	8015NM Prep	
MB 880-5244/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5244/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5244/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 5327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-21	Trench-4 (7')	Total/NA	Solid	8015B NM	5244
880-4033-22	Trench-4 (8')	Total/NA	Solid	8015B NM	5244
880-4033-23	Trench-4 (9')	Total/NA	Solid	8015B NM	5244
880-4033-24	Trench-4 (10')	Total/NA	Solid	8015B NM	5244
MB 880-5244/1-A	Method Blank	Total/NA	Solid	8015B NM	5244
LCS 880-5244/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5244
LCSD 880-5244/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5244

Analysis Batch: 5448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-1	Trench -1 (0-1')	Total/NA	Solid	8015B NM	5242
880-4033-2	Trench-1 (1')	Total/NA	Solid	8015B NM	5242
880-4033-3	Trench-1 (2')	Total/NA	Solid	8015B NM	5242
880-4033-4	Trench-1 (3')	Total/NA	Solid	8015B NM	5242
880-4033-5	Trench-2 (0-1')	Total/NA	Solid	8015B NM	5242
880-4033-6	Trench-2 (1')	Total/NA	Solid	8015B NM	5242
880-4033-7	Trench-2 (2')	Total/NA	Solid	8015B NM	5242
880-4033-8	Trench-2 (3')	Total/NA	Solid	8015B NM	5242
880-4033-9	Trench-2 (4')	Total/NA	Solid	8015B NM	5242
880-4033-10	Trench-3 (0-1')	Total/NA	Solid	8015B NM	5242
880-4033-11	Trench-3 (1')	Total/NA	Solid	8015B NM	5242
880-4033-12	Trench-3 (2')	Total/NA	Solid	8015B NM	5242
880-4033-13	Trench-3 (3')	Total/NA	Solid	8015B NM	5242
880-4033-14	Trench-4 (0-1')	Total/NA	Solid	8015B NM	5242
880-4033-15	Trench-4 (1')	Total/NA	Solid	8015B NM	5242
880-4033-16	Trench-4 (2')	Total/NA	Solid	8015B NM	5242
880-4033-17	Trench-4 (3')	Total/NA	Solid	8015B NM	5242
880-4033-18	Trench-4 (4')	Total/NA	Solid	8015B NM	5242
880-4033-19	Trench-4 (5')	Total/NA	Solid	8015B NM	5242
880-4033-20	Trench-4 (6')	Total/NA	Solid	8015B NM	5242
MB 880-5242/1-A	Method Blank	Total/NA	Solid	8015B NM	5242
LCS 880-5242/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5242
LCSD 880-5242/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5242
880-4033-1 MS	Trench -1 (0-1')	Total/NA	Solid	8015B NM	5242
880-4033-1 MSD	Trench -1 (0-1')	Total/NA	Solid	8015B NM	5242

HPLC/IC

Leach Batch: 5262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-1	Trench -1 (0-1')	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 5262 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-2	Trench-1 (1')	Soluble	Solid	DI Leach	
880-4033-3	Trench-1 (2')	Soluble	Solid	DI Leach	
880-4033-4	Trench-1 (3')	Soluble	Solid	DI Leach	
880-4033-5	Trench-2 (0-1')	Soluble	Solid	DI Leach	
880-4033-6	Trench-2 (1')	Soluble	Solid	DI Leach	
880-4033-7	Trench-2 (2')	Soluble	Solid	DI Leach	
880-4033-8	Trench-2 (3')	Soluble	Solid	DI Leach	
880-4033-9	Trench-2 (4')	Soluble	Solid	DI Leach	
880-4033-10	Trench-3 (0-1')	Soluble	Solid	DI Leach	
880-4033-11	Trench-3 (1')	Soluble	Solid	DI Leach	
880-4033-12	Trench-3 (2')	Soluble	Solid	DI Leach	
880-4033-13	Trench-3 (3')	Soluble	Solid	DI Leach	
MB 880-5262/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5262/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5262/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4033-4 MS	Trench-1 (3')	Soluble	Solid	DI Leach	
880-4033-4 MSD	Trench-1 (3')	Soluble	Solid	DI Leach	

Leach Batch: 5263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-14	Trench-4 (0-1')	Soluble	Solid	DI Leach	
880-4033-15	Trench-4 (1')	Soluble	Solid	DI Leach	
880-4033-16	Trench-4 (2')	Soluble	Solid	DI Leach	
880-4033-17	Trench-4 (3')	Soluble	Solid	DI Leach	
880-4033-18	Trench-4 (4')	Soluble	Solid	DI Leach	
880-4033-19	Trench-4 (5')	Soluble	Solid	DI Leach	
880-4033-20	Trench-4 (6')	Soluble	Solid	DI Leach	
880-4033-21	Trench-4 (7')	Soluble	Solid	DI Leach	
880-4033-22	Trench-4 (8')	Soluble	Solid	DI Leach	
880-4033-23	Trench-4 (9')	Soluble	Solid	DI Leach	
880-4033-24	Trench-4 (10')	Soluble	Solid	DI Leach	
MB 880-5263/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5263/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5263/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4033-14 MS	Trench-4 (0-1')	Soluble	Solid	DI Leach	
880-4033-14 MSD	Trench-4 (0-1')	Soluble	Solid	DI Leach	
880-4033-24 MS	Trench-4 (10')	Soluble	Solid	DI Leach	
880-4033-24 MSD	Trench-4 (10')	Soluble	Solid	DI Leach	

Analysis Batch: 5318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-1	Trench -1 (0-1')	Soluble	Solid	300.0	5262
880-4033-2	Trench-1 (1')	Soluble	Solid	300.0	5262
880-4033-3	Trench-1 (2')	Soluble	Solid	300.0	5262
880-4033-4	Trench-1 (3')	Soluble	Solid	300.0	5262
880-4033-5	Trench-2 (0-1')	Soluble	Solid	300.0	5262
880-4033-6	Trench-2 (1')	Soluble	Solid	300.0	5262
880-4033-7	Trench-2 (2')	Soluble	Solid	300.0	5262
880-4033-8	Trench-2 (3')	Soluble	Solid	300.0	5262
880-4033-9	Trench-2 (4')	Soluble	Solid	300.0	5262
880-4033-10	Trench-3 (0-1')	Soluble	Solid	300.0	5262

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 5318 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-11	Trench-3 (1')	Soluble	Solid	300.0	5262
880-4033-12	Trench-3 (2')	Soluble	Solid	300.0	5262
880-4033-13	Trench-3 (3')	Soluble	Solid	300.0	5262
MB 880-5262/1-A	Method Blank	Soluble	Solid	300.0	5262
LCS 880-5262/2-A	Lab Control Sample	Soluble	Solid	300.0	5262
LCSD 880-5262/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5262
880-4033-4 MS	Trench-1 (3')	Soluble	Solid	300.0	5262
880-4033-4 MSD	Trench-1 (3')	Soluble	Solid	300.0	5262

Analysis Batch: 5320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4033-14	Trench-4 (0-1')	Soluble	Solid	300.0	5263
880-4033-15	Trench-4 (1')	Soluble	Solid	300.0	5263
880-4033-16	Trench-4 (2')	Soluble	Solid	300.0	5263
880-4033-17	Trench-4 (3')	Soluble	Solid	300.0	5263
880-4033-18	Trench-4 (4')	Soluble	Solid	300.0	5263
880-4033-19	Trench-4 (5')	Soluble	Solid	300.0	5263
880-4033-20	Trench-4 (6')	Soluble	Solid	300.0	5263
880-4033-21	Trench-4 (7')	Soluble	Solid	300.0	5263
880-4033-22	Trench-4 (8')	Soluble	Solid	300.0	5263
880-4033-23	Trench-4 (9')	Soluble	Solid	300.0	5263
880-4033-24	Trench-4 (10')	Soluble	Solid	300.0	5263
MB 880-5263/1-A	Method Blank	Soluble	Solid	300.0	5263
LCS 880-5263/2-A	Lab Control Sample	Soluble	Solid	300.0	5263
LCSD 880-5263/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5263
880-4033-14 MS	Trench-4 (0-1')	Soluble	Solid	300.0	5263
880-4033-14 MSD	Trench-4 (0-1')	Soluble	Solid	300.0	5263
880-4033-24 MS	Trench-4 (10')	Soluble	Solid	300.0	5263
880-4033-24 MSD	Trench-4 (10')	Soluble	Solid	300.0	5263

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-4033-1

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5264	07/16/21 08:35	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5266	07/16/21 18:44	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/21/21 20:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 08:34	CH	XEN MID

Client Sample ID: Trench-1 (1')

Lab Sample ID: 880-4033-2

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	5264	07/16/21 08:35	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5266	07/16/21 19:05	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/21/21 21:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 08:39	CH	XEN MID

Client Sample ID: Trench-1 (2')

Lab Sample ID: 880-4033-3

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	5264	07/16/21 08:35	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5266	07/16/21 19:25	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/21/21 22:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 08:45	CH	XEN MID

Client Sample ID: Trench-1 (3')

Lab Sample ID: 880-4033-4

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5264	07/16/21 08:35	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5266	07/16/21 19:46	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/21/21 22:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 08:50	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-4033-5

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	5264	07/16/21 08:35	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5266	07/16/21 20:06	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/21/21 22:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 09:06	CH	XEN MID

Client Sample ID: Trench-2 (1')

Lab Sample ID: 880-4033-6

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	5264	07/16/21 08:35	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5266	07/16/21 20:26	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/21/21 23:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 09:11	CH	XEN MID

Client Sample ID: Trench-2 (2')

Lab Sample ID: 880-4033-7

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	5264	07/16/21 08:35	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5266	07/16/21 20:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/21/21 23:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 09:28	CH	XEN MID

Client Sample ID: Trench-2 (3')

Lab Sample ID: 880-4033-8

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5264	07/16/21 08:35	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5266	07/16/21 21:07	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/21/21 23:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 09:33	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-2 (4')

Lab Sample ID: 880-4033-9

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 14:45	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 00:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 09:38	CH	XEN MID

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

Lab Sample ID: 880-4033-10

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 15:05	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 00:33	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		5			5318	07/17/21 09:44	CH	XEN MID

Client Sample ID: Trench-3 (1')

Lab Sample ID: 880-4033-11

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 15:26	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 01:15	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 09:49	CH	XEN MID

Client Sample ID: Trench-3 (2')

Lab Sample ID: 880-4033-12

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 15:46	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 01:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 09:55	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-3 (3')

Lab Sample ID: 880-4033-13

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 16:06	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 01:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5262	07/16/21 08:17	CH	XEN MID
Soluble	Analysis	300.0		1			5318	07/17/21 10:00	CH	XEN MID

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

Lab Sample ID: 880-4033-14

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 16:27	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 02:17	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	5263	07/16/21 08:21	CH	XEN MID
Soluble	Analysis	300.0		5			5320	07/16/21 22:31	CH	XEN MID

Client Sample ID: Trench-4 (1')

Lab Sample ID: 880-4033-15

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 16:47	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 02:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5263	07/16/21 08:21	CH	XEN MID
Soluble	Analysis	300.0		5			5320	07/16/21 22:48	CH	XEN MID

Client Sample ID: Trench-4 (2')

Lab Sample ID: 880-4033-16

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 17:08	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 02:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	5263	07/16/21 08:21	CH	XEN MID
Soluble	Analysis	300.0		5			5320	07/16/21 22:53	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-4 (3')

Lab Sample ID: 880-4033-17

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 17:28	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 03:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	5263	07/16/21 08:21	CH	XEN MID
Soluble	Analysis	300.0		5			5320	07/16/21 22:59	CH	XEN MID

Client Sample ID: Trench-4 (4')

Lab Sample ID: 880-4033-18

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 17:48	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 03:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5263	07/16/21 08:21	CH	XEN MID
Soluble	Analysis	300.0		5			5320	07/16/21 23:04	CH	XEN MID

Client Sample ID: Trench-4 (5')

Lab Sample ID: 880-4033-19

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 19:38	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 04:01	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5263	07/16/21 08:21	CH	XEN MID
Soluble	Analysis	300.0		5			5320	07/16/21 23:21	CH	XEN MID

Client Sample ID: Trench-4 (6')

Lab Sample ID: 880-4033-20

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 19:59	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5242	07/15/21 15:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5448	07/22/21 04:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	5263	07/16/21 08:21	CH	XEN MID
Soluble	Analysis	300.0		5			5320	07/16/21 23:26	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Client Sample ID: Trench-4 (7')

Lab Sample ID: 880-4033-21

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 20:19	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5244	07/15/21 15:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5327	07/19/21 01:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5263	07/16/21 08:21	CH	XEN MID
Soluble	Analysis	300.0		5			5320	07/16/21 23:32	CH	XEN MID

Client Sample ID: Trench-4 (8')

Lab Sample ID: 880-4033-22

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 20:40	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5244	07/15/21 15:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5327	07/19/21 02:04	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5263	07/16/21 08:21	CH	XEN MID
Soluble	Analysis	300.0		5			5320	07/16/21 23:37	CH	XEN MID

Client Sample ID: Trench-4 (9')

Lab Sample ID: 880-4033-23

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 21:00	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5244	07/15/21 15:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5327	07/19/21 02:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5263	07/16/21 08:21	CH	XEN MID
Soluble	Analysis	300.0		1			5320	07/16/21 23:43	CH	XEN MID

Client Sample ID: Trench-4 (10')

Lab Sample ID: 880-4033-24

Date Collected: 07/14/21 00:00

Matrix: Solid

Date Received: 07/15/21 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	5237	07/15/21 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5272	07/16/21 21:20	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5244	07/15/21 15:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5327	07/19/21 03:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5263	07/16/21 08:21	CH	XEN MID
Soluble	Analysis	300.0		1			5320	07/16/21 23:48	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: EOG- Diamondback SM Release

Job ID: 880-4033-1
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	T104704400-20-21	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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global
Project/Site: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (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.

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: EOG- Diamondback SM Release

Job ID: 880-4033-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-4033-1	Trench -1 (0-1')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-2	Trench-1 (1')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-3	Trench-1 (2')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-4	Trench-1 (3')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-5	Trench-2 (0-1')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-6	Trench-2 (1')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-7	Trench-2 (2')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-8	Trench-2 (3')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-9	Trench-2 (4')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-10	Trench-3 (0-1')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-11	Trench-3 (1')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-12	Trench-3 (2')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-13	Trench-3 (3')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-14	Trench-4 (0-1')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-15	Trench-4 (1')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-16	Trench-4 (2')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-17	Trench-4 (3')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-18	Trench-4 (4')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-19	Trench-4 (5')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-20	Trench-4 (6')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-21	Trench-4 (7')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-22	Trench-4 (8')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-23	Trench-4 (9')	Solid	07/14/21 00:00	07/15/21 14:28
880-4033-24	Trench-4 (10')	Solid	07/14/21 00:00	07/15/21 14:28



Chain of Custody



880-4033 Chain of Custody

4033

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	432-312-7736	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 ☐ FRP ☐ Level IV ☐ Deliverables EDD ☐ ADAPT ☐ Other _____	
--	--

Project Name	Diamond SM Release		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number	214339		☐ 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	CRM		TAT starts the day received by the lab, if received by 4:30pm																HCL HC	HNO ₃ HN		
PO #			Temp Blank	Yes (No)	Wet Ice	Yes (No)	Thermometer ID		128							H ₂ SO ₄ H ₂	NaOH Na					
SAMPLE RECEIPT			Received Intact	Yes (No)	Yes (No)	Yes (No)	Correction Factor		10.5							H ₃ PO ₄ HP						
			Cooler Custody Seals	Yes (No)	Yes (No)	Yes (No)	Temperature Reading		54.2							NaHSO ₄ NABIS						
			Sample Custody Seals	Yes (No)	Yes (No)	Yes (No)	Corrected Temperature		54.5							Na ₂ S ₂ O ₃ NaSO ₃						
Total Containers																Zn Acetate+NaOH Zn						
																NaOH+Ascorbic Acid SAPC						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
Trench-1 (0-1')	7/14/2021		X		G	1	X	X	X													
Trench-1 (1')	7/14/2021		X		G	1	X	X	X													
Trench-1 (2')	7/14/2021		X		G	1	X	X	X													
Trench-1 (3')	7/14/2021		X		G	1	X	X	X													
Trench-2 (0-1')	7/14/2021		X		G	1	X	X	X													
Trench-2 (1')	7/14/2021		X		G	1	X	X	X													
Trench-2 (2')	7/14/2021		X		G	1	X	X	X													
Trench-2 (3')	7/14/2021		X		G	1	X	X	X													
Trench-2 (4')	7/14/2021		X		G	1	X	X	X													
Trench-3 (0-1')	7/14/2021		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. 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>Chad [Signature]</i>	1 <i>TC [Signature]</i>	7/15/21 1428	2		
3			4		
5			6		



Chain of Custody

Work Order No: 4033

Page 2 of 3

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	Diamond SM Release	Turn Around	Pres. Code	ANALYSIS REQUEST				Preservative Codes			
Project Number	214339	☐ 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	CRM	TAT starts the day received by the lab if received by 4:30pm						HCL HC	HNO ₃ HN		
PO #:								H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	Parameters		HOLD			
Received Intact:	Yes ☒ No ☐	Thermometer ID	128								
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor	+0.5								
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading	5.10C								
Total Containers:		Corrected Temperature:	5.10								

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments	
Trench-3 (1')	7/14/2021		X		G	1	X	X	X									
Trench-3 (2')	7/14/2021		X		G	1	X	X	X									
Trench-3 (3')	7/14/2021		X		G	1	X	X	X									
Trench-4 (0-1')	7/14/2021		X		G	1	X	X	X									
Trench-4 (1')	7/14/2021		X		G	1	X	X	X									
Trench-4 (2')	7/14/2021		X		G	1	X	X	X									
Trench-4 (3')	7/14/2021		X		G	1	X	X	X									
Trench-4 (4')	7/14/2021		X		G	1	X	X	X									
Trench-4 (5')	7/14/2021		X		G	1	X	X	X									
Trench-4 (6')	7/14/2021		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
		7/15/21 1428			



Chain of Custody

Work Order No: 4033

Page 3 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	432-312-7736	Email	Todd Wells@eogresources.com

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

Project Name		Diamond SM Release		Tum Around		ANALYSIS REQUEST								Preservative Codes					
Project Number	214339			☐ Routine	☒ Rush	Pres. Code											None NO	DI Water- H ₂ O	
Project Location	Lea Co, NM			Due Date	72 Hrs												Cool Cool	MeOH Me	
Sampler's Name	CRM			TAT starts the day received by the lab if received by 4 30pm													HCL HC	HNO ₃ HN	
PO #:																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT				Temp Blank.	Yes ☒ No ☐	Wet Ice.	Yes ☐ No ☒										HOLD		
Received Intact:				(Yes) No ☒	Thermometer ID:												H ₃ PO ₄ HP		
Cooler Custody Seals:				Yes No ☒	Correction Factor:												NaHSO ₄ NABIS		
Sample Custody Seals:				Yes No ☒	Temperature Reading:												Na ₂ S ₂ O ₃ NaSO ₃		
Total Containers:				Yes No ☒	Corrected Temperature:												Zn Acetate+NaOH Zn		
																	NaOH+Ascorbic Acid SAPC		

[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
		7/15/21 1428			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-4033-1

SDG Number: Lea Co, NM

Login Number: 4033

List Number: 1

Creator: Phillips, Kerianna

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-3963-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Diamond SM Release

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:
7/16/2021 2:05:26 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: Diamond SM Release

Laboratory Job ID: 880-3963-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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
SQL	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: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Job ID: 880-3963-1

Laboratory: Eurofins Xenco, Midland

Narrative

**Job Narrative
880-3963-1**

Receipt

The samples were received on 7/13/2021 4:16 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 2.3°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-5125 and analytical batch 880-5147 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: H-1 (0-6") (880-3963-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

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

HPLC/IC

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

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-3963-1

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		07/13/21 16:46	07/15/21 04:45	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		07/13/21 16:46	07/15/21 04:45	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		07/13/21 16:46	07/15/21 04:45	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		07/13/21 16:46	07/15/21 04:45	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		07/13/21 16:46	07/15/21 04:45	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		07/13/21 16:46	07/15/21 04:45	1
Total BTEX	<0.00398	U F1	0.00398		mg/Kg		07/13/21 16:46	07/15/21 04:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	07/13/21 16:46	07/15/21 04:45	1
1,4-Difluorobenzene (Surr)	86		70 - 130	07/13/21 16:46	07/15/21 04:45	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		07/14/21 14:16	07/15/21 23:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/15/21 23:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/15/21 23:03	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/15/21 23:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	07/14/21 14:16	07/15/21 23:03	1
o-Terphenyl	118		70 - 130	07/14/21 14:16	07/15/21 23:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.2		4.95		mg/Kg			07/15/21 22:47	1

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-3963-2

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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		07/13/21 16:46	07/15/21 05:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:46	07/15/21 05:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:46	07/15/21 05:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/13/21 16:46	07/15/21 05:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:46	07/15/21 05:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/13/21 16:46	07/15/21 05:05	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/13/21 16:46	07/15/21 05:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	07/13/21 16:46	07/15/21 05:05	1
1,4-Difluorobenzene (Surr)	87		70 - 130	07/13/21 16:46	07/15/21 05:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/21 14:16	07/16/21 00:06	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-3963-2

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/21 14:16	07/16/21 00:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/21 14:16	07/16/21 00:06	1
Total TPH	<49.8	U	49.8		mg/Kg		07/14/21 14:16	07/16/21 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/14/21 14:16	07/16/21 00:06	1
o-Terphenyl	114		70 - 130				07/14/21 14:16	07/16/21 00:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.58		5.05		mg/Kg			07/15/21 22:52	1

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-3963-3

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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		07/13/21 16:46	07/15/21 05:25	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:46	07/15/21 05:25	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:46	07/15/21 05:25	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/13/21 16:46	07/15/21 05:25	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:46	07/15/21 05:25	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/13/21 16:46	07/15/21 05:25	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		07/13/21 16:46	07/15/21 05:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				07/13/21 16:46	07/15/21 05:25	1
1,4-Difluorobenzene (Surr)	97		70 - 130				07/13/21 16:46	07/15/21 05:25	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		07/14/21 14:16	07/16/21 00:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 00:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 00:27	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				07/14/21 14:16	07/16/21 00:27	1
o-Terphenyl	116		70 - 130				07/14/21 14:16	07/16/21 00:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.13		4.99		mg/Kg			07/15/21 22:57	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-3963-4

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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		07/13/21 16:46	07/15/21 05:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:46	07/15/21 05:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:46	07/15/21 05:46	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/13/21 16:46	07/15/21 05:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:46	07/15/21 05:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/13/21 16:46	07/15/21 05:46	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		07/13/21 16:46	07/15/21 05:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	07/13/21 16:46	07/15/21 05:46	1
1,4-Difluorobenzene (Surr)	94		70 - 130	07/13/21 16:46	07/15/21 05:46	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		07/14/21 14:16	07/16/21 00:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 00:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 00:47	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 00:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	07/14/21 14:16	07/16/21 00:47	1
o-Terphenyl	119		70 - 130	07/14/21 14:16	07/16/21 00:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.89		5.04		mg/Kg			07/15/21 23:03	1

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-3963-5

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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		07/13/21 16:46	07/15/21 06:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:46	07/15/21 06:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:46	07/15/21 06:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/13/21 16:46	07/15/21 06:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:46	07/15/21 06:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/13/21 16:46	07/15/21 06:06	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/13/21 16:46	07/15/21 06:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	07/13/21 16:46	07/15/21 06:06	1
1,4-Difluorobenzene (Surr)	84		70 - 130	07/13/21 16:46	07/15/21 06:06	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		07/14/21 14:16	07/16/21 01:08	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-3963-5

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/21 14:16	07/16/21 01:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/21 14:16	07/16/21 01:08	1
Total TPH	<49.8	U	49.8		mg/Kg		07/14/21 14:16	07/16/21 01:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/14/21 14:16	07/16/21 01:08	1
o-Terphenyl	116		70 - 130				07/14/21 14:16	07/16/21 01:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.54		5.00		mg/Kg			07/15/21 23:08	1

Client Sample ID: H-6 (0-6")

Lab Sample ID: 880-3963-6

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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		07/13/21 16:46	07/15/21 06:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 06:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 06:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/13/21 16:46	07/15/21 06:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 06:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/13/21 16:46	07/15/21 06:27	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/13/21 16:46	07/15/21 06:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				07/13/21 16:46	07/15/21 06:27	1
1,4-Difluorobenzene (Surr)	83		70 - 130				07/13/21 16:46	07/15/21 06:27	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	<49.7	U	49.7		mg/Kg		07/14/21 14:16	07/16/21 01:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/14/21 14:16	07/16/21 01:29	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/14/21 14:16	07/16/21 01:29	1
Total TPH	<49.7	U	49.7		mg/Kg		07/14/21 14:16	07/16/21 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				07/14/21 14:16	07/16/21 01:29	1
o-Terphenyl	114		70 - 130				07/14/21 14:16	07/16/21 01:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.60		4.95		mg/Kg			07/15/21 23:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Client Sample ID: H-7 (0-6")

Lab Sample ID: 880-3963-7

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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		07/13/21 16:46	07/15/21 06:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/13/21 16:46	07/15/21 06:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/13/21 16:46	07/15/21 06:47	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/13/21 16:46	07/15/21 06:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/13/21 16:46	07/15/21 06:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/13/21 16:46	07/15/21 06:47	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		07/13/21 16:46	07/15/21 06:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	07/13/21 16:46	07/15/21 06:47	1
1,4-Difluorobenzene (Surr)	84		70 - 130	07/13/21 16:46	07/15/21 06:47	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		07/14/21 14:16	07/16/21 01:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/21 14:16	07/16/21 01:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/21 14:16	07/16/21 01:50	1
Total TPH	<49.9	U	49.9		mg/Kg		07/14/21 14:16	07/16/21 01:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	07/14/21 14:16	07/16/21 01:50	1
o-Terphenyl	120		70 - 130	07/14/21 14:16	07/16/21 01:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.64		5.02		mg/Kg			07/15/21 23:30	1

Client Sample ID: H-8 (0-6")

Lab Sample ID: 880-3963-8

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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		07/13/21 16:46	07/15/21 07:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/13/21 16:46	07/15/21 07:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/13/21 16:46	07/15/21 07:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/13/21 16:46	07/15/21 07:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/13/21 16:46	07/15/21 07:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/13/21 16:46	07/15/21 07:07	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/13/21 16:46	07/15/21 07:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	07/13/21 16:46	07/15/21 07:07	1
1,4-Difluorobenzene (Surr)	86		70 - 130	07/13/21 16:46	07/15/21 07:07	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		07/14/21 14:16	07/16/21 02:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Client Sample ID: H-8 (0-6")

Lab Sample ID: 880-3963-8

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 02:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 02:11	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 02:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				07/14/21 14:16	07/16/21 02:11	1
o-Terphenyl	115		70 - 130				07/14/21 14:16	07/16/21 02:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			07/15/21 23:46	1

Client Sample ID: H-9 (0-6")

Lab Sample ID: 880-3963-9

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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		07/13/21 16:46	07/15/21 07:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 07:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 07:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/13/21 16:46	07/15/21 07:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 07:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/13/21 16:46	07/15/21 07:28	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/13/21 16:46	07/15/21 07:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				07/13/21 16:46	07/15/21 07:28	1
1,4-Difluorobenzene (Surr)	89		70 - 130				07/13/21 16:46	07/15/21 07:28	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		07/14/21 14:16	07/16/21 02:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 02:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 02:32	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				07/14/21 14:16	07/16/21 02:32	1
o-Terphenyl	115		70 - 130				07/14/21 14:16	07/16/21 02:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.88		4.97		mg/Kg			07/15/21 23:51	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Client Sample ID: H-10 (0-6")

Lab Sample ID: 880-3963-10

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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		07/13/21 16:46	07/15/21 07:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 07:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 07:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/13/21 16:46	07/15/21 07:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 07:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/13/21 16:46	07/15/21 07:48	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/13/21 16:46	07/15/21 07:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	07/13/21 16:46	07/15/21 07:48	1
1,4-Difluorobenzene (Surr)	83		70 - 130	07/13/21 16:46	07/15/21 07:48	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		07/14/21 14:16	07/16/21 02:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/21 14:16	07/16/21 02:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/21 14:16	07/16/21 02:52	1
Total TPH	<49.9	U	49.9		mg/Kg		07/14/21 14:16	07/16/21 02:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	07/14/21 14:16	07/16/21 02:52	1
o-Terphenyl	119		70 - 130	07/14/21 14:16	07/16/21 02:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.4		4.99		mg/Kg			07/15/21 23:57	1

Client Sample ID: H-11 (0-6")

Lab Sample ID: 880-3963-11

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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		07/13/21 16:46	07/15/21 09:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 09:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 09:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/13/21 16:46	07/15/21 09:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 09:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/13/21 16:46	07/15/21 09:09	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/13/21 16:46	07/15/21 09:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	07/13/21 16:46	07/15/21 09:09	1
1,4-Difluorobenzene (Surr)	88		70 - 130	07/13/21 16:46	07/15/21 09:09	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		07/14/21 14:16	07/16/21 03:34	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Client Sample ID: H-11 (0-6")

Lab Sample ID: 880-3963-11

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 03:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 03:34	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 03:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	07/14/21 14:16	07/16/21 03:34	1
o-Terphenyl	115		70 - 130	07/14/21 14:16	07/16/21 03:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.03		5.00		mg/Kg			07/16/21 09:53	1

Surrogate Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-3963-1	H-1 (0-6")	94	86
880-3963-1 MS	H-1 (0-6")	112	99
880-3963-1 MSD	H-1 (0-6")	121	101
880-3963-2	H-2 (0-6")	100	87
880-3963-3	H-3 (0-6")	78	97
880-3963-4	H-4 (0-6")	89	94
880-3963-5	H-5 (0-6")	96	84
880-3963-6	H-6 (0-6")	90	83
880-3963-7	H-7 (0-6")	102	84
880-3963-8	H-8 (0-6")	83	86
880-3963-9	H-9 (0-6")	88	89
880-3963-10	H-10 (0-6")	106	83
880-3963-11	H-11 (0-6")	88	88
LCS 880-5125/1-A	Lab Control Sample	102	101
LCSD 880-5125/2-A	Lab Control Sample Dup	116	101
MB 880-5125/5-A	Method Blank	78	95
MB 880-5142/5-A	Method Blank	82	98
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)
880-3963-1	H-1 (0-6")	100	118
880-3963-1 MS	H-1 (0-6")	95	102
880-3963-1 MSD	H-1 (0-6")	90	95
880-3963-2	H-2 (0-6")	100	114
880-3963-3	H-3 (0-6")	102	116
880-3963-4	H-4 (0-6")	104	119
880-3963-5	H-5 (0-6")	98	116
880-3963-6	H-6 (0-6")	101	114
880-3963-7	H-7 (0-6")	101	120
880-3963-8	H-8 (0-6")	99	115
880-3963-9	H-9 (0-6")	103	115
880-3963-10	H-10 (0-6")	103	119
880-3963-11	H-11 (0-6")	97	115
LCS 880-5191/2-A	Lab Control Sample	106	117
LCSD 880-5191/3-A	Lab Control Sample Dup	109	123
MB 880-5191/1-A	Method Blank	95	114
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-5125/5-A

Matrix: Solid

Analysis Batch: 5147

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 04:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 04:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 04:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/13/21 16:46	07/15/21 04:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:46	07/15/21 04:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/13/21 16:46	07/15/21 04:23	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/13/21 16:46	07/15/21 04:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	07/13/21 16:46	07/15/21 04:23	1
1,4-Difluorobenzene (Surr)	95		70 - 130	07/13/21 16:46	07/15/21 04:23	1

Lab Sample ID: LCS 880-5125/1-A

Matrix: Solid

Analysis Batch: 5147

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5125

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08269		mg/Kg		83	70 - 130
Toluene	0.100	0.07912		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.08139		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	0.200	0.1671		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08445		mg/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-5125/2-A

Matrix: Solid

Analysis Batch: 5147

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5125

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08906		mg/Kg		89	70 - 130	7	35
Toluene	0.100	0.08718		mg/Kg		87	70 - 130	10	35
Ethylbenzene	0.100	0.09527		mg/Kg		95	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.1958		mg/Kg		98	70 - 130	16	35
o-Xylene	0.100	0.09808		mg/Kg		98	70 - 130	15	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-3963-1 MS

Matrix: Solid

Analysis Batch: 5147

Client Sample ID: H-1 (0-6")

Prep Type: Total/NA

Prep Batch: 5125

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1	0.0998	0.06741	F1	mg/Kg		68	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-3963-1 MS

Matrix: Solid

Analysis Batch: 5147

Client Sample ID: H-1 (0-6")

Prep Type: Total/NA

Prep Batch: 5125

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00199	U F1	0.0998	0.06419	F1	mg/Kg		64	70 - 130
Ethylbenzene	<0.00199	U F1	0.0998	0.06445	F1	mg/Kg		65	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1312	F1	mg/Kg		66	70 - 130
o-Xylene	<0.00199	U F1	0.0998	0.06826	F1	mg/Kg		68	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	112		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: 880-3963-1 MSD

Matrix: Solid

Analysis Batch: 5147

Client Sample ID: H-1 (0-6")

Prep Type: Total/NA

Prep Batch: 5125

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	0.07401		mg/Kg		74	70 - 130	9	35
Toluene	<0.00199	U F1	0.0994	0.07004		mg/Kg		70	70 - 130	9	35
Ethylbenzene	<0.00199	U F1	0.0994	0.07185		mg/Kg		72	70 - 130	11	35
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1484		mg/Kg		75	70 - 130	12	35
o-Xylene	<0.00199	U F1	0.0994	0.07621		mg/Kg		77	70 - 130	11	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	121		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

Lab Sample ID: MB 880-5142/5-A

Matrix: Solid

Analysis Batch: 5147

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5142

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/14/21 09:20	07/14/21 17:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/21 09:20	07/14/21 17:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/21 09:20	07/14/21 17:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/14/21 09:20	07/14/21 17:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/21 09:20	07/14/21 17:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/14/21 09:20	07/14/21 17:34	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/14/21 09:20	07/14/21 17:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				07/14/21 09:20	07/14/21 17:34	1
1,4-Difluorobenzene (Surr)	98		70 - 130				07/14/21 09:20	07/14/21 17:34	1

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QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-5191/1-A

Matrix: Solid

Analysis Batch: 5214

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5191

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		07/14/21 14:16	07/15/21 22:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/15/21 22:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/15/21 22:01	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/15/21 22:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	07/14/21 14:16	07/15/21 22:01	1
o-Terphenyl	114		70 - 130	07/14/21 14:16	07/15/21 22:01	1

Lab Sample ID: LCS 880-5191/2-A

Matrix: Solid

Analysis Batch: 5214

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	778.2		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.8		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: LCSD 880-5191/3-A

Matrix: Solid

Analysis Batch: 5214

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5191

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	801.3		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1024		mg/Kg		102	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 880-3963-1 MS

Matrix: Solid

Analysis Batch: 5214

Client Sample ID: H-1 (0-6")

Prep Type: Total/NA

Prep Batch: 5191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	869.6		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1055		mg/Kg		106	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-3963-1 MS

Matrix: Solid

Analysis Batch: 5214

Client Sample ID: H-1 (0-6")

Prep Type: Total/NA

Prep Batch: 5191

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 880-3963-1 MSD

Matrix: Solid

Analysis Batch: 5214

Client Sample ID: H-1 (0-6")

Prep Type: Total/NA

Prep Batch: 5191

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	829.6		mg/Kg		83	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	990.3		mg/Kg		99	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	95		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-5246/1-A

Matrix: Solid

Analysis Batch: 5248

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			07/15/21 21:36	1

Lab Sample ID: LCS 880-5246/2-A

Matrix: Solid

Analysis Batch: 5248

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	261.8		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-5246/3-A

Matrix: Solid

Analysis Batch: 5248

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	262.3		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-3963-5 MS

Matrix: Solid

Analysis Batch: 5248

Client Sample ID: H-5 (0-6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.54		250	253.1		mg/Kg		99	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-3963-5 MSD					Client Sample ID: H-5 (0-6")							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 5248												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit	
Chloride	5.54		250	253.1		mg/Kg		99	90 - 110	0	20	

QC Association Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 5125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3963-1	H-1 (0-6")	Total/NA	Solid	5035	
880-3963-2	H-2 (0-6")	Total/NA	Solid	5035	
880-3963-3	H-3 (0-6")	Total/NA	Solid	5035	
880-3963-4	H-4 (0-6")	Total/NA	Solid	5035	
880-3963-5	H-5 (0-6")	Total/NA	Solid	5035	
880-3963-6	H-6 (0-6")	Total/NA	Solid	5035	
880-3963-7	H-7 (0-6")	Total/NA	Solid	5035	
880-3963-8	H-8 (0-6")	Total/NA	Solid	5035	
880-3963-9	H-9 (0-6")	Total/NA	Solid	5035	
880-3963-10	H-10 (0-6")	Total/NA	Solid	5035	
880-3963-11	H-11 (0-6")	Total/NA	Solid	5035	
MB 880-5125/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5125/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5125/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-3963-1 MS	H-1 (0-6")	Total/NA	Solid	5035	
880-3963-1 MSD	H-1 (0-6")	Total/NA	Solid	5035	

Prep Batch: 5142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-5142/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 5147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3963-1	H-1 (0-6")	Total/NA	Solid	8021B	5125
880-3963-2	H-2 (0-6")	Total/NA	Solid	8021B	5125
880-3963-3	H-3 (0-6")	Total/NA	Solid	8021B	5125
880-3963-4	H-4 (0-6")	Total/NA	Solid	8021B	5125
880-3963-5	H-5 (0-6")	Total/NA	Solid	8021B	5125
880-3963-6	H-6 (0-6")	Total/NA	Solid	8021B	5125
880-3963-7	H-7 (0-6")	Total/NA	Solid	8021B	5125
880-3963-8	H-8 (0-6")	Total/NA	Solid	8021B	5125
880-3963-9	H-9 (0-6")	Total/NA	Solid	8021B	5125
880-3963-10	H-10 (0-6")	Total/NA	Solid	8021B	5125
880-3963-11	H-11 (0-6")	Total/NA	Solid	8021B	5125
MB 880-5125/5-A	Method Blank	Total/NA	Solid	8021B	5125
MB 880-5142/5-A	Method Blank	Total/NA	Solid	8021B	5142
LCS 880-5125/1-A	Lab Control Sample	Total/NA	Solid	8021B	5125
LCSD 880-5125/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5125
880-3963-1 MS	H-1 (0-6")	Total/NA	Solid	8021B	5125
880-3963-1 MSD	H-1 (0-6")	Total/NA	Solid	8021B	5125

GC Semi VOA

Prep Batch: 5191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3963-1	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-3963-2	H-2 (0-6")	Total/NA	Solid	8015NM Prep	
880-3963-3	H-3 (0-6")	Total/NA	Solid	8015NM Prep	
880-3963-4	H-4 (0-6")	Total/NA	Solid	8015NM Prep	
880-3963-5	H-5 (0-6")	Total/NA	Solid	8015NM Prep	
880-3963-6	H-6 (0-6")	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 5191 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3963-7	H-7 (0-6")	Total/NA	Solid	8015NM Prep	
880-3963-8	H-8 (0-6")	Total/NA	Solid	8015NM Prep	
880-3963-9	H-9 (0-6")	Total/NA	Solid	8015NM Prep	
880-3963-10	H-10 (0-6")	Total/NA	Solid	8015NM Prep	
880-3963-11	H-11 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-5191/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5191/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5191/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-3963-1 MS	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-3963-1 MSD	H-1 (0-6")	Total/NA	Solid	8015NM Prep	

Analysis Batch: 5214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3963-1	H-1 (0-6")	Total/NA	Solid	8015B NM	5191
880-3963-2	H-2 (0-6")	Total/NA	Solid	8015B NM	5191
880-3963-3	H-3 (0-6")	Total/NA	Solid	8015B NM	5191
880-3963-4	H-4 (0-6")	Total/NA	Solid	8015B NM	5191
880-3963-5	H-5 (0-6")	Total/NA	Solid	8015B NM	5191
880-3963-6	H-6 (0-6")	Total/NA	Solid	8015B NM	5191
880-3963-7	H-7 (0-6")	Total/NA	Solid	8015B NM	5191
880-3963-8	H-8 (0-6")	Total/NA	Solid	8015B NM	5191
880-3963-9	H-9 (0-6")	Total/NA	Solid	8015B NM	5191
880-3963-10	H-10 (0-6")	Total/NA	Solid	8015B NM	5191
880-3963-11	H-11 (0-6")	Total/NA	Solid	8015B NM	5191
MB 880-5191/1-A	Method Blank	Total/NA	Solid	8015B NM	5191
LCS 880-5191/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5191
LCSD 880-5191/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5191
880-3963-1 MS	H-1 (0-6")	Total/NA	Solid	8015B NM	5191
880-3963-1 MSD	H-1 (0-6")	Total/NA	Solid	8015B NM	5191

HPLC/IC

Leach Batch: 5246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3963-1	H-1 (0-6")	Soluble	Solid	DI Leach	
880-3963-2	H-2 (0-6")	Soluble	Solid	DI Leach	
880-3963-3	H-3 (0-6")	Soluble	Solid	DI Leach	
880-3963-4	H-4 (0-6")	Soluble	Solid	DI Leach	
880-3963-5	H-5 (0-6")	Soluble	Solid	DI Leach	
880-3963-6	H-6 (0-6")	Soluble	Solid	DI Leach	
880-3963-7	H-7 (0-6")	Soluble	Solid	DI Leach	
880-3963-8	H-8 (0-6")	Soluble	Solid	DI Leach	
880-3963-9	H-9 (0-6")	Soluble	Solid	DI Leach	
880-3963-10	H-10 (0-6")	Soluble	Solid	DI Leach	
880-3963-11	H-11 (0-6")	Soluble	Solid	DI Leach	
MB 880-5246/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5246/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5246/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-3963-5 MS	H-5 (0-6")	Soluble	Solid	DI Leach	
880-3963-5 MSD	H-5 (0-6")	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

HPLC/IC

Analysis Batch: 5248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3963-1	H-1 (0-6")	Soluble	Solid	300.0	5246
880-3963-2	H-2 (0-6")	Soluble	Solid	300.0	5246
880-3963-3	H-3 (0-6")	Soluble	Solid	300.0	5246
880-3963-4	H-4 (0-6")	Soluble	Solid	300.0	5246
880-3963-5	H-5 (0-6")	Soluble	Solid	300.0	5246
880-3963-6	H-6 (0-6")	Soluble	Solid	300.0	5246
880-3963-7	H-7 (0-6")	Soluble	Solid	300.0	5246
880-3963-8	H-8 (0-6")	Soluble	Solid	300.0	5246
880-3963-9	H-9 (0-6")	Soluble	Solid	300.0	5246
880-3963-10	H-10 (0-6")	Soluble	Solid	300.0	5246
880-3963-11	H-11 (0-6")	Soluble	Solid	300.0	5246
MB 880-5246/1-A	Method Blank	Soluble	Solid	300.0	5246
LCS 880-5246/2-A	Lab Control Sample	Soluble	Solid	300.0	5246
LCSD 880-5246/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5246
880-3963-5 MS	H-5 (0-6")	Soluble	Solid	300.0	5246
880-3963-5 MSD	H-5 (0-6")	Soluble	Solid	300.0	5246

Lab Chronicle

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-3963-1

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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	5125	07/13/21 16:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5147	07/15/21 04:45	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/15/21 23:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 22:47	CH	XEN MID

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-3963-2

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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	5125	07/13/21 16:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5147	07/15/21 05:05	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/16/21 00:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 22:52	CH	XEN MID

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-3963-3

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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	5125	07/13/21 16:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5147	07/15/21 05:25	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/16/21 00:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 22:57	CH	XEN MID

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-3963-4

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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	5125	07/13/21 16:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5147	07/15/21 05:46	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/16/21 00:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 23:03	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-3963-5

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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	5125	07/13/21 16:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5147	07/15/21 06:06	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/16/21 01:08	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 23:08	CH	XEN MID

Client Sample ID: H-6 (0-6")

Lab Sample ID: 880-3963-6

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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	5125	07/13/21 16:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5147	07/15/21 06:27	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/16/21 01:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 23:24	CH	XEN MID

Client Sample ID: H-7 (0-6")

Lab Sample ID: 880-3963-7

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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	5125	07/13/21 16:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5147	07/15/21 06:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/16/21 01:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 23:30	CH	XEN MID

Client Sample ID: H-8 (0-6")

Lab Sample ID: 880-3963-8

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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	5125	07/13/21 16:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5147	07/15/21 07:07	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/16/21 02:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 23:46	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Client Sample ID: H-9 (0-6")

Lab Sample ID: 880-3963-9

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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	5125	07/13/21 16:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5147	07/15/21 07:28	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/16/21 02:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 23:51	CH	XEN MID

Client Sample ID: H-10 (0-6")

Lab Sample ID: 880-3963-10

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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	5125	07/13/21 16:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5147	07/15/21 07:48	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/16/21 02:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 23:57	CH	XEN MID

Client Sample ID: H-11 (0-6")

Lab Sample ID: 880-3963-11

Date Collected: 07/12/21 00:00

Matrix: Solid

Date Received: 07/13/21 16:16

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	5125	07/13/21 16:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5147	07/15/21 09:09	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/16/21 03:34	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/16/21 09:53	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: Diamond SM Release

Job ID: 880-3963-1
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	T104704400-20-21	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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (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.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

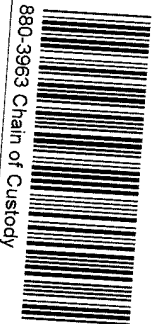
Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-3963-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-3963-1	H-1 (0-6")	Solid	07/12/21 00:00	07/13/21 16:16	
880-3963-2	H-2 (0-6")	Solid	07/12/21 00:00	07/13/21 16:16	
880-3963-3	H-3 (0-6")	Solid	07/12/21 00:00	07/13/21 16:16	
880-3963-4	H-4 (0-6")	Solid	07/12/21 00:00	07/13/21 16:16	
880-3963-5	H-5 (0-6")	Solid	07/12/21 00:00	07/13/21 16:16	
880-3963-6	H-6 (0-6")	Solid	07/12/21 00:00	07/13/21 16:16	
880-3963-7	H-7 (0-6")	Solid	07/12/21 00:00	07/13/21 16:16	
880-3963-8	H-8 (0-6")	Solid	07/12/21 00:00	07/13/21 16:16	
880-3963-9	H-9 (0-6")	Solid	07/12/21 00:00	07/13/21 16:16	
880-3963-10	H-10 (0-6")	Solid	07/12/21 00:00	07/13/21 16:16	
880-3963-11	H-11 (0-6")	Solid	07/12/21 00:00	07/13/21 16:16	



Chain of Custody



Inter No: 3963

Page 1 of 2

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

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

Project Name	Diamond SM Release	Turn Around	☐ Routine ☒ Rush	Due Date	72 hrs
Project Number	214339				
Project Location	Lea Co, NM				
Sampler's Name	ES				
PO #					
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice	☒ Yes ☒ No		
Received intact:	☒ Yes ☒ No	Thermometer ID	125		
Cooler Custody Seals:	☒ Yes ☒ No	Correction Factor	1.9/2.3		
Sample Custody Seals:	☒ Yes ☒ No	Temperature Reading			
Total Containers:		Corrected Temperature			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
H-1 (0-6")	7/12/2021	-	X	N/A	G	1	X	X	X	
H-2 (0-6")	7/12/2021	-	X	N/A	G	1	X	X	X	
H-3 (0-6")	7/12/2021	-	X	N/A	G	1	X	X	X	
H-4 (0-6")	7/12/2021	-	X	N/A	G	1	X	X	X	
H-5 (0-6")	7/12/2021	-	X	N/A	G	1	X	X	X	
H-6 (0-6")	7/12/2021	-	X	N/A	G	1	X	X	X	
H-7 (0-6")	7/12/2021	-	X	N/A	G	1	X	X	X	
H-8 (0-6")	7/12/2021	-	X	N/A	G	1	X	X	X	
H-9 (0-6")	7/12/2021	-	X	N/A	G	1	X	X	X	
H-10 (0-6")	7/12/2021	-	X	N/A	G	1	X	X	X	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$95.00 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 Nick Hart	7/13/21	10:14	2		
3			4		
5			6		



Chain of Custody

Work Order No: 3963

Page 2 of 2

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

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]

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 \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 Nick Hart	[Signature]	7/13/21 10:14	2		
3			4		
5			6		

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-3963-1

SDG Number: Lea Co, NM

Login Number: 3963

List Source: Eurofins Xenco, Midland

List Number: 1

Creator: Teel, Brianna

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-7759-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Diamond SM Release

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:
11/1/2021 6:32:40 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: Diamond SM Release

Laboratory Job ID: 880-7759-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

Job ID: 880-7759-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-7759-1****Receipt**

The samples were received on 10/29/2021 2:23 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.2°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-10953 and analytical batch 880-10982 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-7759-A-1-B MSD). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

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

HPLC/IC

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: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

Client Sample ID: SW-24

Lab Sample ID: 880-7759-1

Date Collected: 10/25/21 00:00

Matrix: Solid

Date Received: 10/29/21 14:23

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F2 F1	0.00199		mg/Kg		10/29/21 14:42	10/30/21 06:59	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		10/29/21 14:42	10/30/21 06:59	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		10/29/21 14:42	10/30/21 06:59	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		10/29/21 14:42	10/30/21 06:59	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		10/29/21 14:42	10/30/21 06:59	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		10/29/21 14:42	10/30/21 06:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/29/21 14:42	10/30/21 06:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/29/21 14:42	10/30/21 06:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/01/21 13:30	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			11/01/21 12:32	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		10/29/21 16:10	10/30/21 16:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/29/21 16:10	10/30/21 16:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/29/21 16:10	10/30/21 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	10/29/21 16:10	10/30/21 16:48	1
o-Terphenyl	99		70 - 130	10/29/21 16:10	10/30/21 16:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.8		4.99		mg/Kg			10/31/21 20:02	1

Client Sample ID: SW-25

Lab Sample ID: 880-7759-2

Date Collected: 10/25/21 00:00

Matrix: Solid

Date Received: 10/29/21 14:23

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		10/29/21 14:42	10/30/21 07:19	1
Toluene	0.0189		0.00200		mg/Kg		10/29/21 14:42	10/30/21 07:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:42	10/30/21 07:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/29/21 14:42	10/30/21 07:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:42	10/30/21 07:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/29/21 14:42	10/30/21 07:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	10/29/21 14:42	10/30/21 07:19	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/29/21 14:42	10/30/21 07:19	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

Client Sample ID: SW-25

Lab Sample ID: 880-7759-2

Date Collected: 10/25/21 00:00

Matrix: Solid

Date Received: 10/29/21 14:23

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0189		0.00400		mg/Kg			11/01/21 13:30	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			11/01/21 19:25	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		10/29/21 16:10	10/30/21 17:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/29/21 16:10	10/30/21 17:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/29/21 16:10	10/30/21 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				10/29/21 16:10	10/30/21 17:09	1
o-Terphenyl	121		70 - 130				10/29/21 16:10	10/30/21 17:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.1		4.95		mg/Kg			10/31/21 20:08	1

Client Sample ID: SW-26

Lab Sample ID: 880-7759-3

Date Collected: 10/25/21 00:00

Matrix: Solid

Date Received: 10/29/21 14:23

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		10/29/21 14:42	10/30/21 07:40	1
Toluene	0.00233		0.00200		mg/Kg		10/29/21 14:42	10/30/21 07:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:42	10/30/21 07:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/29/21 14:42	10/30/21 07:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:42	10/30/21 07:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/29/21 14:42	10/30/21 07:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/29/21 14:42	10/30/21 07:40	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/29/21 14:42	10/30/21 07:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/01/21 13:30	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			11/01/21 19:25	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		10/29/21 16:10	10/30/21 17:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/29/21 16:10	10/30/21 17:30	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

Client Sample ID: SW-26

Lab Sample ID: 880-7759-3

Date Collected: 10/25/21 00:00

Matrix: Solid

Date Received: 10/29/21 14:23

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		10/29/21 16:10	10/30/21 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	10/29/21 16:10	10/30/21 17:30	1
o-Terphenyl	121		70 - 130	10/29/21 16:10	10/30/21 17:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.8		5.00		mg/Kg			10/31/21 20:14	1

Surrogate Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-7759-1	SW-24	112	97
880-7759-1 MS	SW-24	109	89
880-7759-1 MSD	SW-24	131 S1+	113
880-7759-2	SW-25	99	102
880-7759-3	SW-26	100	105
LCS 880-10953/1-A	Lab Control Sample	111	107
LCSD 880-10953/2-A	Lab Control Sample Dup	107	96
MB 880-10951/5-A	Method Blank	117	104
MB 880-10953/5-A	Method Blank	113	104
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)
880-7623-A-1-H MS	Matrix Spike	95	91
880-7623-A-1-I MSD	Matrix Spike Duplicate	92	92
880-7759-1	SW-24	93	99
880-7759-2	SW-25	116	121
880-7759-3	SW-26	113	121
LCS 880-10989/2-A	Lab Control Sample	89	97
LCSD 880-10989/3-A	Lab Control Sample Dup	95	105
MB 880-10989/1-A	Method Blank	102	115
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-10951/5-A

Matrix: Solid

Analysis Batch: 10982

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10951

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:40	10/29/21 18:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:40	10/29/21 18:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:40	10/29/21 18:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/29/21 14:40	10/29/21 18:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:40	10/29/21 18:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/29/21 14:40	10/29/21 18:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/29/21 14:40	10/29/21 18:59	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/29/21 14:40	10/29/21 18:59	1

Lab Sample ID: MB 880-10953/5-A

Matrix: Solid

Analysis Batch: 10982

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10953

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:42	10/30/21 06:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:42	10/30/21 06:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:42	10/30/21 06:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/29/21 14:42	10/30/21 06:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/29/21 14:42	10/30/21 06:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/29/21 14:42	10/30/21 06:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	10/29/21 14:42	10/30/21 06:31	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/29/21 14:42	10/30/21 06:31	1

Lab Sample ID: LCS 880-10953/1-A

Matrix: Solid

Analysis Batch: 10982

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10953

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08764		mg/Kg		88	70 - 130
Toluene	0.100	0.1003		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09810		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1914		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09334		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-10953/2-A

Matrix: Solid

Analysis Batch: 10982

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10953

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09225		mg/Kg		92	70 - 130	5	35

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-10953/2-A

Matrix: Solid

Analysis Batch: 10982

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10953

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.09057		mg/Kg		91	70 - 130	10	35
Ethylbenzene	0.100	0.09745		mg/Kg		97	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1850		mg/Kg		93	70 - 130	3	35
o-Xylene	0.100	0.08813		mg/Kg		88	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-7759-1 MS

Matrix: Solid

Analysis Batch: 10982

Client Sample ID: SW-24

Prep Type: Total/NA

Prep Batch: 10953

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F2 F1	0.100	0.03268	F1	mg/Kg		33	70 - 130
Toluene	<0.00199	U F1	0.100	0.03140	F1	mg/Kg		31	70 - 130
Ethylbenzene	<0.00199	U F1	0.100	0.03212	F1	mg/Kg		32	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.06410	F1	mg/Kg		32	70 - 130
o-Xylene	<0.00199	U F1	0.100	0.03565	F1	mg/Kg		36	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-7759-1 MSD

Matrix: Solid

Analysis Batch: 10982

Client Sample ID: SW-24

Prep Type: Total/NA

Prep Batch: 10953

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F2 F1	0.0996	0.02280	F2 F1	mg/Kg		23	70 - 130	36	35
Toluene	<0.00199	U F1	0.0996	0.02278	F1	mg/Kg		23	70 - 130	32	35
Ethylbenzene	<0.00199	U F1	0.0996	0.02573	F1	mg/Kg		26	70 - 130	22	35
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.04672	F1	mg/Kg		23	70 - 130	31	35
o-Xylene	<0.00199	U F1	0.0996	0.04238	F1	mg/Kg		43	70 - 130	17	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

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

Lab Sample ID: MB 880-10989/1-A

Matrix: Solid

Analysis Batch: 10996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10989

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		10/29/21 16:10	10/30/21 10:43	1

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-10989/1-A

Matrix: Solid

Analysis Batch: 10996

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10989

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		10/29/21 16:10	10/30/21 10:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/29/21 16:10	10/30/21 10:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/29/21 16:10	10/30/21 10:43	1
o-Terphenyl	115		70 - 130				10/29/21 16:10	10/30/21 10:43	1

Lab Sample ID: LCS 880-10989/2-A

Matrix: Solid

Analysis Batch: 10996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	791.7		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	1000	947.9		mg/Kg		95	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	89		70 - 130				
o-Terphenyl	97		70 - 130				

Lab Sample ID: LCSD 880-10989/3-A

Matrix: Solid

Analysis Batch: 10996

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10989

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	829.2		mg/Kg		83	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	914.5		mg/Kg		91	70 - 130	4	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	95		70 - 130						
o-Terphenyl	105		70 - 130						

Lab Sample ID: 880-7623-A-1-H MS

Matrix: Solid

Analysis Batch: 10996

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 10989

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	893.1		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	857.8		mg/Kg		86	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	95		70 - 130						
o-Terphenyl	91		70 - 130						

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-7623-A-1-I MSD

Matrix: Solid

Analysis Batch: 10996

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 10989

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	1000	899.9		mg/Kg		88	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	883.4		mg/Kg		88	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	92		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-10970/1-A

Matrix: Solid

Analysis Batch: 11011

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			10/31/21 18:34	1

Lab Sample ID: LCS 880-10970/2-A

Matrix: Solid

Analysis Batch: 11011

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	250	237.3		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-10970/3-A

Matrix: Solid

Analysis Batch: 11011

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	247.1		mg/Kg		99	90 - 110	4	20

Lab Sample ID: 880-7759-3 MS

Matrix: Solid

Analysis Batch: 11011

Client Sample ID: SW-26

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	67.8		250	320.6		mg/Kg		101	90 - 110		

Lab Sample ID: 880-7759-3 MSD

Matrix: Solid

Analysis Batch: 11011

Client Sample ID: SW-26

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	67.8		250	320.6		mg/Kg		101	90 - 110	0	20

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 10951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-10951/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 10953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7759-1	SW-24	Total/NA	Solid	5035	
880-7759-2	SW-25	Total/NA	Solid	5035	
880-7759-3	SW-26	Total/NA	Solid	5035	
MB 880-10953/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-10953/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-10953/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-7759-1 MS	SW-24	Total/NA	Solid	5035	
880-7759-1 MSD	SW-24	Total/NA	Solid	5035	

Analysis Batch: 10982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7759-1	SW-24	Total/NA	Solid	8021B	10953
880-7759-2	SW-25	Total/NA	Solid	8021B	10953
880-7759-3	SW-26	Total/NA	Solid	8021B	10953
MB 880-10951/5-A	Method Blank	Total/NA	Solid	8021B	10951
MB 880-10953/5-A	Method Blank	Total/NA	Solid	8021B	10953
LCS 880-10953/1-A	Lab Control Sample	Total/NA	Solid	8021B	10953
LCSD 880-10953/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	10953
880-7759-1 MS	SW-24	Total/NA	Solid	8021B	10953
880-7759-1 MSD	SW-24	Total/NA	Solid	8021B	10953

Analysis Batch: 11143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7759-1	SW-24	Total/NA	Solid	Total BTEX	
880-7759-2	SW-25	Total/NA	Solid	Total BTEX	
880-7759-3	SW-26	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 10989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7759-1	SW-24	Total/NA	Solid	8015NM Prep	
880-7759-2	SW-25	Total/NA	Solid	8015NM Prep	
880-7759-3	SW-26	Total/NA	Solid	8015NM Prep	
MB 880-10989/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-10989/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-10989/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-7623-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-7623-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 10996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7759-1	SW-24	Total/NA	Solid	8015B NM	10989
880-7759-2	SW-25	Total/NA	Solid	8015B NM	10989
880-7759-3	SW-26	Total/NA	Solid	8015B NM	10989
MB 880-10989/1-A	Method Blank	Total/NA	Solid	8015B NM	10989
LCS 880-10989/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	10989

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 10996 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-10989/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	10989
880-7623-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	10989
880-7623-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	10989

Analysis Batch: 11118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7759-1	SW-24	Total/NA	Solid	8015 NM	
880-7759-2	SW-25	Total/NA	Solid	8015 NM	
880-7759-3	SW-26	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 10970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7759-1	SW-24	Soluble	Solid	DI Leach	
880-7759-2	SW-25	Soluble	Solid	DI Leach	
880-7759-3	SW-26	Soluble	Solid	DI Leach	
MB 880-10970/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-10970/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-10970/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-7759-3 MS	SW-26	Soluble	Solid	DI Leach	
880-7759-3 MSD	SW-26	Soluble	Solid	DI Leach	

Analysis Batch: 11011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7759-1	SW-24	Soluble	Solid	300.0	10970
880-7759-2	SW-25	Soluble	Solid	300.0	10970
880-7759-3	SW-26	Soluble	Solid	300.0	10970
MB 880-10970/1-A	Method Blank	Soluble	Solid	300.0	10970
LCS 880-10970/2-A	Lab Control Sample	Soluble	Solid	300.0	10970
LCSD 880-10970/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	10970
880-7759-3 MS	SW-26	Soluble	Solid	300.0	10970
880-7759-3 MSD	SW-26	Soluble	Solid	300.0	10970

Lab Chronicle

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
SDG: Lea Co, NM

Client Sample ID: SW-24

Lab Sample ID: 880-7759-1

Date Collected: 10/25/21 00:00

Matrix: Solid

Date Received: 10/29/21 14:23

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	10953	10/29/21 14:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10982	10/30/21 06:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11143	11/01/21 13:30	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11118	11/01/21 12:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10989	10/29/21 16:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			10996	10/30/21 16:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	10970	10/29/21 15:04	CH	XEN MID
Soluble	Analysis	300.0		1			11011	10/31/21 20:02	CH	XEN MID

Client Sample ID: SW-25

Lab Sample ID: 880-7759-2

Date Collected: 10/25/21 00:00

Matrix: Solid

Date Received: 10/29/21 14:23

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	10953	10/29/21 14:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10982	10/30/21 07:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11143	11/01/21 13:30	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11118	11/01/21 19:25	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10989	10/29/21 16:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			10996	10/30/21 17:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	10970	10/29/21 15:04	CH	XEN MID
Soluble	Analysis	300.0		1			11011	10/31/21 20:08	CH	XEN MID

Client Sample ID: SW-26

Lab Sample ID: 880-7759-3

Date Collected: 10/25/21 00:00

Matrix: Solid

Date Received: 10/29/21 14:23

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	10953	10/29/21 14:42	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10982	10/30/21 07:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11143	11/01/21 13:30	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11118	11/01/21 19:25	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10989	10/29/21 16:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			10996	10/30/21 17:30	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	10970	10/29/21 15:04	CH	XEN MID
Soluble	Analysis	300.0		1			11011	10/31/21 20:14	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: Diamond SM Release

Job ID: 880-7759-1
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

- 1
- 2
- 3
- 4
- 5
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- 13
- 14

Method Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 880-7759-1
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: Diamond SM Release

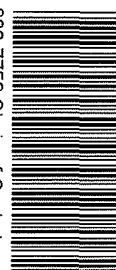
Job ID: 880-7759-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-7759-1	SW-24	Solid	10/25/21 00:00	10/29/21 14:23
880-7759-2	SW-25	Solid	10/25/21 00:00	10/29/21 14:23
880-7759-3	SW-26	Solid	10/25/21 00:00	10/29/21 14:23

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Chain of Custody



880-7759 Chain of Custody

Page 1 of 1

Project Manager	Mike Carrmona	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 ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other

[illegible][illegible]

Additoinal Comments:

Notice. Signature of this document and relinquishment of sample 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>Donny</i>	<i>[Signature]</i>	10/24/21	2		
3 <i>[Signature]</i>	<i>[Signature]</i>	7/10	4		
5			6		

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-7759-1

SDG Number: Lea Co, NM

Login Number: 7759

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, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-1366-1
Laboratory Sample Delivery Group: 214339
Client Project/Site: Diamond SM Release

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Mike Carmona

A handwritten signature in black ink, appearing to read "Jessica Kramer".

Authorized for release by:
10/8/2021 1:53:08 PM

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

LINKS

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

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

Client: NT Global
Project/Site: Diamond SM Release

Laboratory Job ID: 890-1366-1
SDG: 214339

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Definitions/Glossary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	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: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Job ID: 890-1366-1**Laboratory: Eurofins Xenco, Carlsbad****Narrative****Job Narrative
890-1366-1****Receipt**

The samples were received on 10/6/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.6°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-7 (6.5) (890-1366-7), CS-8 (6.5) (890-1366-8), SW-6 (890-1366-16), SW-7 (890-1366-17), SW-9 (890-1366-19), (890-1366-A-17-D MS) and (890-1366-A-17-B MSD). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-8 (6.5) (890-1366-8) and (MB 880-8981/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: CS-1 (1)

Lab Sample ID: 890-1366-1

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 15:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/21 10:30	10/06/21 15:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/21 10:30	10/06/21 15:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/21 10:30	10/06/21 15:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/21 10:30	10/06/21 15:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/21 10:30	10/06/21 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	10/06/21 10:30	10/06/21 15:07	1
1,4-Difluorobenzene (Surr)	83		70 - 130	10/06/21 10:30	10/06/21 15:07	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/06/21 21:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/06/21 21:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/06/21 21:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	10/06/21 14:35	10/06/21 21:38	1
o-Terphenyl	115		70 - 130	10/06/21 14:35	10/06/21 21:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.9		5.02		mg/Kg			10/07/21 10:15	1

Client Sample ID: CS-2 (1)

Lab Sample ID: 890-1366-2

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 15:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 15:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 15:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/21 10:30	10/06/21 15:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 15:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/21 10:30	10/06/21 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	10/06/21 10:30	10/06/21 15:27	1
1,4-Difluorobenzene (Surr)	82		70 - 130	10/06/21 10:30	10/06/21 15:27	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: CS-2 (1)

Lab Sample ID: 890-1366-2

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/06/21 22:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/06/21 22:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/06/21 22:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/06/21 14:35	10/06/21 22:43	1
o-Terphenyl	123		70 - 130				10/06/21 14:35	10/06/21 22:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		4.98		mg/Kg			10/07/21 10:21	1

Client Sample ID: CS-3 (1)

Lab Sample ID: 890-1366-3

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 15:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/21 10:30	10/06/21 15:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/21 10:30	10/06/21 15:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/21 10:30	10/06/21 15:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/21 10:30	10/06/21 15:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/21 10:30	10/06/21 15:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				10/06/21 10:30	10/06/21 15:47	1
1,4-Difluorobenzene (Surr)	82		70 - 130				10/06/21 10:30	10/06/21 15:47	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/06/21 23:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/06/21 23:04	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: CS-3 (1)

Lab Sample ID: 890-1366-3

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 14:35	10/06/21 23:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/06/21 14:35	10/06/21 23:04	1
o-Terphenyl	124		70 - 130				10/06/21 14:35	10/06/21 23:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.4		4.97		mg/Kg			10/07/21 10:37	1

Client Sample ID: CS-4 (1)

Lab Sample ID: 890-1366-4

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 16:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/21 10:30	10/06/21 16:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/21 10:30	10/06/21 16:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/21 10:30	10/06/21 16:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/21 10:30	10/06/21 16:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/21 10:30	10/06/21 16:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				10/06/21 10:30	10/06/21 16:08	1
1,4-Difluorobenzene (Surr)	79		70 - 130				10/06/21 10:30	10/06/21 16:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/06/21 23:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/06/21 23:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/06/21 23:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/06/21 14:35	10/06/21 23:25	1
o-Terphenyl	124		70 - 130				10/06/21 14:35	10/06/21 23:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		5.00		mg/Kg			10/07/21 10:43	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: CS-5 (1)

Lab Sample ID: 890-1366-5

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 16:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/06/21 10:30	10/06/21 16:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/06/21 10:30	10/06/21 16:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/06/21 10:30	10/06/21 16:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/06/21 10:30	10/06/21 16:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/06/21 10:30	10/06/21 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	10/06/21 10:30	10/06/21 16:28	1
1,4-Difluorobenzene (Surr)	79		70 - 130	10/06/21 10:30	10/06/21 16:28	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/06/21 23:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/06/21 23:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/06/21 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	10/06/21 14:35	10/06/21 23:46	1
o-Terphenyl	129		70 - 130	10/06/21 14:35	10/06/21 23:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.36		4.99		mg/Kg			10/07/21 10:49	1

Client Sample ID: CS-6 (1)

Lab Sample ID: 890-1366-6

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 16:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/06/21 10:30	10/06/21 16:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/06/21 10:30	10/06/21 16:49	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/06/21 10:30	10/06/21 16:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/06/21 10:30	10/06/21 16:49	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/06/21 10:30	10/06/21 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	10/06/21 10:30	10/06/21 16:49	1
1,4-Difluorobenzene (Surr)	79		70 - 130	10/06/21 10:30	10/06/21 16:49	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: CS-6 (1)

Lab Sample ID: 890-1366-6

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 00:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/06/21 14:35	10/07/21 00:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/06/21 14:35	10/07/21 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/06/21 14:35	10/07/21 00:07	1
o-Terphenyl	123		70 - 130				10/06/21 14:35	10/07/21 00:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.3		4.95		mg/Kg			10/07/21 10:54	1

Client Sample ID: CS-7 (6.5)

Lab Sample ID: 890-1366-7

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 19:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/06/21 10:30	10/06/21 19:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/06/21 10:30	10/06/21 19:33	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/06/21 10:30	10/06/21 19:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/06/21 10:30	10/06/21 19:33	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/06/21 10:30	10/06/21 19:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				10/06/21 10:30	10/06/21 19:33	1
1,4-Difluorobenzene (Surr)	80		70 - 130				10/06/21 10:30	10/06/21 19:33	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 00:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/06/21 14:35	10/07/21 00:29	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: CS-7 (6.5)

Lab Sample ID: 890-1366-7

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 14:35	10/07/21 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/06/21 14:35	10/07/21 00:29	1
o-Terphenyl	117		70 - 130				10/06/21 14:35	10/07/21 00:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.57		5.02		mg/Kg			10/07/21 11:00	1

Client Sample ID: CS-8 (6.5)

Lab Sample ID: 890-1366-8

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 19:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 19:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 19:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/21 10:30	10/06/21 19:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 19:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/21 10:30	10/06/21 19:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				10/06/21 10:30	10/06/21 19:54	1
1,4-Difluorobenzene (Surr)	82		70 - 130				10/06/21 10:30	10/06/21 19:54	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 00:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/07/21 00:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/07/21 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				10/06/21 14:35	10/07/21 00:50	1
o-Terphenyl	143	S1+	70 - 130				10/06/21 14:35	10/07/21 00:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		4.97		mg/Kg			10/07/21 11:06	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: CS-9 (6.5)

Lab Sample ID: 890-1366-9

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 20:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 20:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 20:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/21 10:30	10/06/21 20:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 20:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/21 10:30	10/06/21 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/06/21 10:30	10/06/21 20:14	1
1,4-Difluorobenzene (Surr)	81		70 - 130	10/06/21 10:30	10/06/21 20:14	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 01:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/07/21 01:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/07/21 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	10/06/21 14:35	10/07/21 01:11	1
o-Terphenyl	125		70 - 130	10/06/21 14:35	10/07/21 01:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.5		5.04		mg/Kg			10/07/21 11:11	1

Client Sample ID: CS-10 (6.5)

Lab Sample ID: 890-1366-10

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 20:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 20:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 20:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/21 10:30	10/06/21 20:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 20:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/21 10:30	10/06/21 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	10/06/21 10:30	10/06/21 20:35	1
1,4-Difluorobenzene (Surr)	79		70 - 130	10/06/21 10:30	10/06/21 20:35	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: CS-10 (6.5)

Lab Sample ID: 890-1366-10

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 01:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/07/21 01:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/07/21 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/06/21 14:35	10/07/21 01:32	1
o-Terphenyl	125		70 - 130				10/06/21 14:35	10/07/21 01:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.2		4.98		mg/Kg			10/07/21 10:21	1

Client Sample ID: SW-1

Lab Sample ID: 890-1366-11

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 20:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 20:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 20:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/21 10:30	10/06/21 20:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/21 10:30	10/06/21 20:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/21 10:30	10/06/21 20:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				10/06/21 10:30	10/06/21 20:55	1
1,4-Difluorobenzene (Surr)	76		70 - 130				10/06/21 10:30	10/06/21 20:55	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 02:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/07/21 02:15	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: SW-1

Lab Sample ID: 890-1366-11

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 14:35	10/07/21 02:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/06/21 14:35	10/07/21 02:15	1
o-Terphenyl	119		70 - 130				10/06/21 14:35	10/07/21 02:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		4.99		mg/Kg			10/07/21 10:28	1

Client Sample ID: SW-2

Lab Sample ID: 890-1366-12

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 21:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/06/21 10:30	10/06/21 21:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/06/21 10:30	10/06/21 21:16	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/06/21 10:30	10/06/21 21:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/06/21 10:30	10/06/21 21:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/06/21 10:30	10/06/21 21:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/06/21 10:30	10/06/21 21:16	1
1,4-Difluorobenzene (Surr)	82		70 - 130				10/06/21 10:30	10/06/21 21:16	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 02:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/06/21 14:35	10/07/21 02:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/06/21 14:35	10/07/21 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/06/21 14:35	10/07/21 02:36	1
o-Terphenyl	126		70 - 130				10/06/21 14:35	10/07/21 02:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.68		5.00		mg/Kg			10/07/21 10:35	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: SW-3

Lab Sample ID: 890-1366-13

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 21:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/06/21 10:30	10/06/21 21:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/06/21 10:30	10/06/21 21:36	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/06/21 10:30	10/06/21 21:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/06/21 10:30	10/06/21 21:36	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/06/21 10:30	10/06/21 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	10/06/21 10:30	10/06/21 21:36	1
1,4-Difluorobenzene (Surr)	81		70 - 130	10/06/21 10:30	10/06/21 21:36	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 02:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/07/21 02:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/07/21 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	10/06/21 14:35	10/07/21 02:57	1
o-Terphenyl	119		70 - 130	10/06/21 14:35	10/07/21 02:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.46		5.00		mg/Kg			10/07/21 10:42	1

Client Sample ID: SW-4

Lab Sample ID: 890-1366-14

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 21:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 21:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 21:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/21 10:30	10/06/21 21:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 21:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/21 10:30	10/06/21 21:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/06/21 10:30	10/06/21 21:57	1
1,4-Difluorobenzene (Surr)	70		70 - 130	10/06/21 10:30	10/06/21 21:57	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: SW-4

Lab Sample ID: 890-1366-14

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 03:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/07/21 03:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/07/21 03:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/06/21 14:35	10/07/21 03:18	1
o-Terphenyl	123		70 - 130				10/06/21 14:35	10/07/21 03:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.3		4.95		mg/Kg			10/07/21 11:04	1

Client Sample ID: SW-5

Lab Sample ID: 890-1366-15

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 22:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 22:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 22:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/21 10:30	10/06/21 22:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 22:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/21 10:30	10/06/21 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				10/06/21 10:30	10/06/21 22:17	1
1,4-Difluorobenzene (Surr)	81		70 - 130				10/06/21 10:30	10/06/21 22:17	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 03:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/06/21 14:35	10/07/21 03:39	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: SW-5

Lab Sample ID: 890-1366-15

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 14:35	10/07/21 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/06/21 14:35	10/07/21 03:39	1
o-Terphenyl	123		70 - 130				10/06/21 14:35	10/07/21 03:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.83		5.04		mg/Kg			10/07/21 11:11	1

Client Sample ID: SW-6

Lab Sample ID: 890-1366-16

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 10:30	10/06/21 22:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 22:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 22:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/21 10:30	10/06/21 22:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/21 10:30	10/06/21 22:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/21 10:30	10/06/21 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130				10/06/21 10:30	10/06/21 22:37	1
1,4-Difluorobenzene (Surr)	72		70 - 130				10/06/21 10:30	10/06/21 22:37	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 04:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/07/21 04:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/06/21 14:35	10/07/21 04:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/06/21 14:35	10/07/21 04:00	1
o-Terphenyl	124		70 - 130				10/06/21 14:35	10/07/21 04:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.11		4.97		mg/Kg			10/07/21 11:32	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: SW-7

Lab Sample ID: 890-1366-17

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 09:50	10/07/21 02:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/21 09:50	10/07/21 02:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/21 09:50	10/07/21 02:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/21 09:50	10/07/21 02:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/21 09:50	10/07/21 02:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/21 09:50	10/07/21 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	10/06/21 09:50	10/07/21 02:00	1
1,4-Difluorobenzene (Surr)	74		70 - 130	10/06/21 09:50	10/07/21 02:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 04:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/07/21 04:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/07/21 04:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	10/06/21 14:35	10/07/21 04:21	1
o-Terphenyl	133	S1+	70 - 130	10/06/21 14:35	10/07/21 04:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.19		4.95		mg/Kg			10/07/21 11:39	1

Client Sample ID: SW-8

Lab Sample ID: 890-1366-18

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 09:50	10/07/21 02:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/21 09:50	10/07/21 02:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/21 09:50	10/07/21 02:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/06/21 09:50	10/07/21 02:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/21 09:50	10/07/21 02:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/06/21 09:50	10/07/21 02:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	10/06/21 09:50	10/07/21 02:20	1
1,4-Difluorobenzene (Surr)	76		70 - 130	10/06/21 09:50	10/07/21 02:20	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: SW-8

Lab Sample ID: 890-1366-18

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 04:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/07/21 04:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/06/21 14:35	10/07/21 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				10/06/21 14:35	10/07/21 04:42	1
o-Terphenyl	128		70 - 130				10/06/21 14:35	10/07/21 04:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.7		4.99		mg/Kg			10/07/21 11:47	1

Client Sample ID: SW-9

Lab Sample ID: 890-1366-19

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 09:50	10/07/21 02:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/21 09:50	10/07/21 02:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/21 09:50	10/07/21 02:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/21 09:50	10/07/21 02:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/21 09:50	10/07/21 02:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/21 09:50	10/07/21 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				10/06/21 09:50	10/07/21 02:40	1
1,4-Difluorobenzene (Surr)	76		70 - 130				10/06/21 09:50	10/07/21 02:40	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			10/06/21 15:33	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			10/07/21 09:11	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		10/06/21 14:35	10/07/21 05:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/06/21 14:35	10/07/21 05:03	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: SW-9

Lab Sample ID: 890-1366-19

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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		10/06/21 14:35	10/07/21 05:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	10/06/21 14:35	10/07/21 05:03	1
o-Terphenyl	126		70 - 130	10/06/21 14:35	10/07/21 05:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.1		5.04		mg/Kg			10/07/21 11:54	1

Surrogate Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

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)
890-1366-1	CS-1 (1)	125	83
890-1366-1 MSD	CS-1 (1)	120	85
890-1366-2	CS-2 (1)	124	82
890-1366-3	CS-3 (1)	128	82
890-1366-4	CS-4 (1)	122	79
890-1366-5	CS-5 (1)	127	79
890-1366-6	CS-6 (1)	121	79
890-1366-7	CS-7 (6.5)	131 S1+	80
890-1366-8	CS-8 (6.5)	141 S1+	82
890-1366-9	CS-9 (6.5)	102	81
890-1366-10	CS-10 (6.5)	111	79
890-1366-11	SW-1	120	76
890-1366-12	SW-2	107	82
890-1366-13	SW-3	105	81
890-1366-14	SW-4	114	70
890-1366-15	SW-5	114	81
890-1366-16	SW-6	137 S1+	72
890-1366-17	SW-7	131 S1+	74
890-1366-17 MS	SW-7	138 S1+	81
890-1366-17 MSD	SW-7	131 S1+	74
890-1366-18	SW-8	115	76
890-1366-19	SW-9	138 S1+	76
LCS 880-8967/1-A	Lab Control Sample	130	72
LCSD 880-8967/2-A	Lab Control Sample Dup	129	84
MB 880-8967/5-A	Method Blank	113	79

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-1366-1	CS-1 (1)	100	115
890-1366-1 MS	CS-1 (1)	92	97
890-1366-1 MSD	CS-1 (1)	102	105
890-1366-2	CS-2 (1)	107	123
890-1366-3	CS-3 (1)	106	124
890-1366-4	CS-4 (1)	107	124
890-1366-5	CS-5 (1)	111	129
890-1366-6	CS-6 (1)	107	123
890-1366-7	CS-7 (6.5)	102	117
890-1366-8	CS-8 (6.5)	121	143 S1+
890-1366-9	CS-9 (6.5)	108	125
890-1366-10	CS-10 (6.5)	107	125
890-1366-11	SW-1	102	119
890-1366-12	SW-2	108	126

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Surrogate Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**Matrix: Solid****Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1366-13	SW-3	103	119
890-1366-14	SW-4	107	123
890-1366-15	SW-5	106	123
890-1366-16	SW-6	106	124
890-1366-17	SW-7	115	133 S1+
890-1366-18	SW-8	110	128
890-1366-19	SW-9	109	126
LCS 880-8981/2-A	Lab Control Sample	98	106
LCSD 880-8981/3-A	Lab Control Sample Dup	97	104
MB 880-8981/1-A	Method Blank	115	139 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: 890-1366-1 MSD

Matrix: Solid

Analysis Batch: 8971

Client Sample ID: CS-1 (1)

Prep Type: Total/NA

Prep Batch: 8837

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0998	0.1020		mg/Kg					
Toluene	<0.00199	U	0.0998	0.1035		mg/Kg					
Ethylbenzene	<0.00199	U	0.0998	0.1054		mg/Kg					
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2241		mg/Kg					
o-Xylene	<0.00199	U	0.0998	0.1122		mg/Kg					

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: MB 880-8967/5-A

Matrix: Solid

Analysis Batch: 8971

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8967

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/21 09:50	10/07/21 01:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/21 09:50	10/07/21 01:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/21 09:50	10/07/21 01:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/21 09:50	10/07/21 01:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/21 09:50	10/07/21 01:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/21 09:50	10/07/21 01:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	10/06/21 09:50	10/07/21 01:38	1
1,4-Difluorobenzene (Surr)	79		70 - 130	10/06/21 09:50	10/07/21 01:38	1

Lab Sample ID: LCS 880-8967/1-A

Matrix: Solid

Analysis Batch: 8971

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 8967

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09563		mg/Kg		96	70 - 130
Toluene	0.100	0.1013		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1076		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2311		mg/Kg		116	70 - 130
o-Xylene	0.100	0.1147		mg/Kg		115	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	72		70 - 130

Lab Sample ID: LCSD 880-8967/2-A

Matrix: Solid

Analysis Batch: 8971

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 8967

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1013		mg/Kg		101	70 - 130	6	35
Toluene	0.100	0.1025		mg/Kg		102	70 - 130	1	35

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QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

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

Lab Sample ID: LCSD 880-8967/2-A

Matrix: Solid

Analysis Batch: 8971

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 8967

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	0.100	0.1111		mg/Kg		111	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2362		mg/Kg		118	70 - 130	2	35
o-Xylene	0.100	0.1188		mg/Kg		119	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 890-1366-17 MS

Matrix: Solid

Analysis Batch: 8971

Client Sample ID: SW-7

Prep Type: Total/NA

Prep Batch: 8967

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09487		mg/Kg		94	70 - 130		
Toluene	<0.00199	U	0.101	0.1009		mg/Kg		100	70 - 130		
Ethylbenzene	<0.00199	U	0.101	0.1061		mg/Kg		105	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.201	0.2248		mg/Kg		112	70 - 130		
o-Xylene	<0.00199	U	0.101	0.1128		mg/Kg		112	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: 890-1366-17 MSD

Matrix: Solid

Analysis Batch: 8971

Client Sample ID: SW-7

Prep Type: Total/NA

Prep Batch: 8967

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0998	0.08867		mg/Kg		89	70 - 130	7	35
Toluene	<0.00199	U	0.0998	0.09256		mg/Kg		93	70 - 130	9	35
Ethylbenzene	<0.00199	U	0.0998	0.09890		mg/Kg		99	70 - 130	7	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2079		mg/Kg		104	70 - 130	8	35
o-Xylene	<0.00199	U	0.0998	0.1040		mg/Kg		104	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	74		70 - 130

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

Lab Sample ID: MB 880-8981/1-A

Matrix: Solid

Analysis Batch: 8953

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8981

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		10/06/21 14:35	10/06/21 20:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/06/21 14:35	10/06/21 20:31	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

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

Lab Sample ID: MB 880-8981/1-A

Matrix: Solid

Analysis Batch: 8953

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8981

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/06/21 14:35	10/06/21 20:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				10/06/21 14:35	10/06/21 20:31	1
o-Terphenyl	139	S1+	70 - 130				10/06/21 14:35	10/06/21 20:31	1

Lab Sample ID: LCS 880-8981/2-A

Matrix: Solid

Analysis Batch: 8953

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 8981

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	839.1		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	1000	876.8		mg/Kg		88	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	98		70 - 130				
o-Terphenyl	106		70 - 130				

Lab Sample ID: LCSD 880-8981/3-A

Matrix: Solid

Analysis Batch: 8953

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 8981

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	789.6		mg/Kg		79	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	871.9		mg/Kg		87	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	104		70 - 130						

Lab Sample ID: 890-1366-1 MS

Matrix: Solid

Analysis Batch: 8953

Client Sample ID: CS-1 (1)

Prep Type: Total/NA

Prep Batch: 8981

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	836.8		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	887.4		mg/Kg		89	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	92		70 - 130						
o-Terphenyl	97		70 - 130						

Eurofins Xenco, Carlsbad

QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

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

Lab Sample ID: 890-1366-1 MSD

Matrix: Solid

Analysis Batch: 8953

Client Sample ID: CS-1 (1)

Prep Type: Total/NA

Prep Batch: 8981

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	1000	907.4		mg/Kg		91	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	996.9		mg/Kg		100	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	105		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-8986/1-A

Matrix: Solid

Analysis Batch: 9038

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			10/07/21 08:23	1

Lab Sample ID: LCS 880-8986/2-A

Matrix: Solid

Analysis Batch: 9038

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	271.9		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-8986/3-A

Matrix: Solid

Analysis Batch: 9038

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	272.6		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-6867-A-3-B MS

Matrix: Solid

Analysis Batch: 9038

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	2060		1240	3389		mg/Kg		108	90 - 110

Lab Sample ID: 880-6867-A-3-C MSD

Matrix: Solid

Analysis Batch: 9038

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	2060		1240	3405		mg/Kg		109	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-8987/1-A

Matrix: Solid

Analysis Batch: 9041

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			10/07/21 08:40	1

Lab Sample ID: LCS 880-8987/2-A

Matrix: Solid

Analysis Batch: 9041

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	248.4		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-8987/3-A

Matrix: Solid

Analysis Batch: 9041

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	247.0		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 890-1366-13 MS

Matrix: Solid

Analysis Batch: 9041

Client Sample ID: SW-3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	9.46		250	263.3		mg/Kg		102	90 - 110

Lab Sample ID: 890-1366-13 MSD

Matrix: Solid

Analysis Batch: 9041

Client Sample ID: SW-3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	9.46		250	263.5		mg/Kg		102	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

GC VOA

Prep Batch: 8837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-1	CS-1 (1)	Total/NA	Solid	5035	
890-1366-2	CS-2 (1)	Total/NA	Solid	5035	
890-1366-3	CS-3 (1)	Total/NA	Solid	5035	
890-1366-4	CS-4 (1)	Total/NA	Solid	5035	
890-1366-5	CS-5 (1)	Total/NA	Solid	5035	
890-1366-6	CS-6 (1)	Total/NA	Solid	5035	
890-1366-7	CS-7 (6.5)	Total/NA	Solid	5035	
890-1366-8	CS-8 (6.5)	Total/NA	Solid	5035	
890-1366-9	CS-9 (6.5)	Total/NA	Solid	5035	
890-1366-10	CS-10 (6.5)	Total/NA	Solid	5035	
890-1366-11	SW-1	Total/NA	Solid	5035	
890-1366-12	SW-2	Total/NA	Solid	5035	
890-1366-13	SW-3	Total/NA	Solid	5035	
890-1366-14	SW-4	Total/NA	Solid	5035	
890-1366-15	SW-5	Total/NA	Solid	5035	
890-1366-16	SW-6	Total/NA	Solid	5035	
890-1366-1 MSD	CS-1 (1)	Total/NA	Solid	5035	

Prep Batch: 8967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-17	SW-7	Total/NA	Solid	5035	
890-1366-18	SW-8	Total/NA	Solid	5035	
890-1366-19	SW-9	Total/NA	Solid	5035	
MB 880-8967/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-8967/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-8967/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1366-17 MS	SW-7	Total/NA	Solid	5035	
890-1366-17 MSD	SW-7	Total/NA	Solid	5035	

Analysis Batch: 8971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-1	CS-1 (1)	Total/NA	Solid	8021B	8837
890-1366-2	CS-2 (1)	Total/NA	Solid	8021B	8837
890-1366-3	CS-3 (1)	Total/NA	Solid	8021B	8837
890-1366-4	CS-4 (1)	Total/NA	Solid	8021B	8837
890-1366-5	CS-5 (1)	Total/NA	Solid	8021B	8837
890-1366-6	CS-6 (1)	Total/NA	Solid	8021B	8837
890-1366-7	CS-7 (6.5)	Total/NA	Solid	8021B	8837
890-1366-8	CS-8 (6.5)	Total/NA	Solid	8021B	8837
890-1366-9	CS-9 (6.5)	Total/NA	Solid	8021B	8837
890-1366-10	CS-10 (6.5)	Total/NA	Solid	8021B	8837
890-1366-11	SW-1	Total/NA	Solid	8021B	8837
890-1366-12	SW-2	Total/NA	Solid	8021B	8837
890-1366-13	SW-3	Total/NA	Solid	8021B	8837
890-1366-14	SW-4	Total/NA	Solid	8021B	8837
890-1366-15	SW-5	Total/NA	Solid	8021B	8837
890-1366-16	SW-6	Total/NA	Solid	8021B	8837
890-1366-17	SW-7	Total/NA	Solid	8021B	8967
890-1366-18	SW-8	Total/NA	Solid	8021B	8967
890-1366-19	SW-9	Total/NA	Solid	8021B	8967
MB 880-8967/5-A	Method Blank	Total/NA	Solid	8021B	8967

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QC Association Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

GC VOA (Continued)

Analysis Batch: 8971 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-8967/1-A	Lab Control Sample	Total/NA	Solid	8021B	8967
LCS 880-8967/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	8967
890-1366-1 MSD	CS-1 (1)	Total/NA	Solid	8021B	8837
890-1366-17 MS	SW-7	Total/NA	Solid	8021B	8967
890-1366-17 MSD	SW-7	Total/NA	Solid	8021B	8967

Analysis Batch: 8999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-1	CS-1 (1)	Total/NA	Solid	Total BTEX	
890-1366-2	CS-2 (1)	Total/NA	Solid	Total BTEX	
890-1366-3	CS-3 (1)	Total/NA	Solid	Total BTEX	
890-1366-4	CS-4 (1)	Total/NA	Solid	Total BTEX	
890-1366-5	CS-5 (1)	Total/NA	Solid	Total BTEX	
890-1366-6	CS-6 (1)	Total/NA	Solid	Total BTEX	
890-1366-7	CS-7 (6.5)	Total/NA	Solid	Total BTEX	
890-1366-8	CS-8 (6.5)	Total/NA	Solid	Total BTEX	
890-1366-9	CS-9 (6.5)	Total/NA	Solid	Total BTEX	
890-1366-10	CS-10 (6.5)	Total/NA	Solid	Total BTEX	
890-1366-11	SW-1	Total/NA	Solid	Total BTEX	
890-1366-12	SW-2	Total/NA	Solid	Total BTEX	
890-1366-13	SW-3	Total/NA	Solid	Total BTEX	
890-1366-14	SW-4	Total/NA	Solid	Total BTEX	
890-1366-15	SW-5	Total/NA	Solid	Total BTEX	
890-1366-16	SW-6	Total/NA	Solid	Total BTEX	
890-1366-17	SW-7	Total/NA	Solid	Total BTEX	
890-1366-18	SW-8	Total/NA	Solid	Total BTEX	
890-1366-19	SW-9	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 8953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-1	CS-1 (1)	Total/NA	Solid	8015B NM	8981
890-1366-2	CS-2 (1)	Total/NA	Solid	8015B NM	8981
890-1366-3	CS-3 (1)	Total/NA	Solid	8015B NM	8981
890-1366-4	CS-4 (1)	Total/NA	Solid	8015B NM	8981
890-1366-5	CS-5 (1)	Total/NA	Solid	8015B NM	8981
890-1366-6	CS-6 (1)	Total/NA	Solid	8015B NM	8981
890-1366-7	CS-7 (6.5)	Total/NA	Solid	8015B NM	8981
890-1366-8	CS-8 (6.5)	Total/NA	Solid	8015B NM	8981
890-1366-9	CS-9 (6.5)	Total/NA	Solid	8015B NM	8981
890-1366-10	CS-10 (6.5)	Total/NA	Solid	8015B NM	8981
890-1366-11	SW-1	Total/NA	Solid	8015B NM	8981
890-1366-12	SW-2	Total/NA	Solid	8015B NM	8981
890-1366-13	SW-3	Total/NA	Solid	8015B NM	8981
890-1366-14	SW-4	Total/NA	Solid	8015B NM	8981
890-1366-15	SW-5	Total/NA	Solid	8015B NM	8981
890-1366-16	SW-6	Total/NA	Solid	8015B NM	8981
890-1366-17	SW-7	Total/NA	Solid	8015B NM	8981
890-1366-18	SW-8	Total/NA	Solid	8015B NM	8981
890-1366-19	SW-9	Total/NA	Solid	8015B NM	8981

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QC Association Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

GC Semi VOA (Continued)

Analysis Batch: 8953 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-8981/1-A	Method Blank	Total/NA	Solid	8015B NM	8981
LCS 880-8981/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8981
LCSD 880-8981/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8981
890-1366-1 MS	CS-1 (1)	Total/NA	Solid	8015B NM	8981
890-1366-1 MSD	CS-1 (1)	Total/NA	Solid	8015B NM	8981

Prep Batch: 8981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-1	CS-1 (1)	Total/NA	Solid	8015NM Prep	
890-1366-2	CS-2 (1)	Total/NA	Solid	8015NM Prep	
890-1366-3	CS-3 (1)	Total/NA	Solid	8015NM Prep	
890-1366-4	CS-4 (1)	Total/NA	Solid	8015NM Prep	
890-1366-5	CS-5 (1)	Total/NA	Solid	8015NM Prep	
890-1366-6	CS-6 (1)	Total/NA	Solid	8015NM Prep	
890-1366-7	CS-7 (6.5)	Total/NA	Solid	8015NM Prep	
890-1366-8	CS-8 (6.5)	Total/NA	Solid	8015NM Prep	
890-1366-9	CS-9 (6.5)	Total/NA	Solid	8015NM Prep	
890-1366-10	CS-10 (6.5)	Total/NA	Solid	8015NM Prep	
890-1366-11	SW-1	Total/NA	Solid	8015NM Prep	
890-1366-12	SW-2	Total/NA	Solid	8015NM Prep	
890-1366-13	SW-3	Total/NA	Solid	8015NM Prep	
890-1366-14	SW-4	Total/NA	Solid	8015NM Prep	
890-1366-15	SW-5	Total/NA	Solid	8015NM Prep	
890-1366-16	SW-6	Total/NA	Solid	8015NM Prep	
890-1366-17	SW-7	Total/NA	Solid	8015NM Prep	
890-1366-18	SW-8	Total/NA	Solid	8015NM Prep	
890-1366-19	SW-9	Total/NA	Solid	8015NM Prep	
MB 880-8981/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8981/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8981/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1366-1 MS	CS-1 (1)	Total/NA	Solid	8015NM Prep	
890-1366-1 MSD	CS-1 (1)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 9044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-1	CS-1 (1)	Total/NA	Solid	8015 NM	
890-1366-2	CS-2 (1)	Total/NA	Solid	8015 NM	
890-1366-3	CS-3 (1)	Total/NA	Solid	8015 NM	
890-1366-4	CS-4 (1)	Total/NA	Solid	8015 NM	
890-1366-5	CS-5 (1)	Total/NA	Solid	8015 NM	
890-1366-6	CS-6 (1)	Total/NA	Solid	8015 NM	
890-1366-7	CS-7 (6.5)	Total/NA	Solid	8015 NM	
890-1366-8	CS-8 (6.5)	Total/NA	Solid	8015 NM	
890-1366-9	CS-9 (6.5)	Total/NA	Solid	8015 NM	
890-1366-10	CS-10 (6.5)	Total/NA	Solid	8015 NM	
890-1366-11	SW-1	Total/NA	Solid	8015 NM	
890-1366-12	SW-2	Total/NA	Solid	8015 NM	
890-1366-13	SW-3	Total/NA	Solid	8015 NM	
890-1366-14	SW-4	Total/NA	Solid	8015 NM	
890-1366-15	SW-5	Total/NA	Solid	8015 NM	
890-1366-16	SW-6	Total/NA	Solid	8015 NM	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

GC Semi VOA (Continued)

Analysis Batch: 9044 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-17	SW-7	Total/NA	Solid	8015 NM	
890-1366-18	SW-8	Total/NA	Solid	8015 NM	
890-1366-19	SW-9	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 8986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-1	CS-1 (1)	Soluble	Solid	DI Leach	
890-1366-2	CS-2 (1)	Soluble	Solid	DI Leach	
890-1366-3	CS-3 (1)	Soluble	Solid	DI Leach	
890-1366-4	CS-4 (1)	Soluble	Solid	DI Leach	
890-1366-5	CS-5 (1)	Soluble	Solid	DI Leach	
890-1366-6	CS-6 (1)	Soluble	Solid	DI Leach	
890-1366-7	CS-7 (6.5)	Soluble	Solid	DI Leach	
890-1366-8	CS-8 (6.5)	Soluble	Solid	DI Leach	
890-1366-9	CS-9 (6.5)	Soluble	Solid	DI Leach	
MB 880-8986/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8986/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8986/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-6867-A-3-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-6867-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 8987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-10	CS-10 (6.5)	Soluble	Solid	DI Leach	
890-1366-11	SW-1	Soluble	Solid	DI Leach	
890-1366-12	SW-2	Soluble	Solid	DI Leach	
890-1366-13	SW-3	Soluble	Solid	DI Leach	
890-1366-14	SW-4	Soluble	Solid	DI Leach	
890-1366-15	SW-5	Soluble	Solid	DI Leach	
890-1366-16	SW-6	Soluble	Solid	DI Leach	
890-1366-17	SW-7	Soluble	Solid	DI Leach	
890-1366-18	SW-8	Soluble	Solid	DI Leach	
890-1366-19	SW-9	Soluble	Solid	DI Leach	
MB 880-8987/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8987/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8987/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1366-13 MS	SW-3	Soluble	Solid	DI Leach	
890-1366-13 MSD	SW-3	Soluble	Solid	DI Leach	

Analysis Batch: 9038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-1	CS-1 (1)	Soluble	Solid	300.0	8986
890-1366-2	CS-2 (1)	Soluble	Solid	300.0	8986
890-1366-3	CS-3 (1)	Soluble	Solid	300.0	8986
890-1366-4	CS-4 (1)	Soluble	Solid	300.0	8986
890-1366-5	CS-5 (1)	Soluble	Solid	300.0	8986
890-1366-6	CS-6 (1)	Soluble	Solid	300.0	8986
890-1366-7	CS-7 (6.5)	Soluble	Solid	300.0	8986
890-1366-8	CS-8 (6.5)	Soluble	Solid	300.0	8986

Eurofins Xenco, Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

HPLC/IC (Continued)

Analysis Batch: 9038 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-9	CS-9 (6.5)	Soluble	Solid	300.0	8986
MB 880-8986/1-A	Method Blank	Soluble	Solid	300.0	8986
LCS 880-8986/2-A	Lab Control Sample	Soluble	Solid	300.0	8986
LCSD 880-8986/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8986
880-6867-A-3-B MS	Matrix Spike	Soluble	Solid	300.0	8986
880-6867-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	8986

Analysis Batch: 9041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1366-10	CS-10 (6.5)	Soluble	Solid	300.0	8987
890-1366-11	SW-1	Soluble	Solid	300.0	8987
890-1366-12	SW-2	Soluble	Solid	300.0	8987
890-1366-13	SW-3	Soluble	Solid	300.0	8987
890-1366-14	SW-4	Soluble	Solid	300.0	8987
890-1366-15	SW-5	Soluble	Solid	300.0	8987
890-1366-16	SW-6	Soluble	Solid	300.0	8987
890-1366-17	SW-7	Soluble	Solid	300.0	8987
890-1366-18	SW-8	Soluble	Solid	300.0	8987
890-1366-19	SW-9	Soluble	Solid	300.0	8987
MB 880-8987/1-A	Method Blank	Soluble	Solid	300.0	8987
LCS 880-8987/2-A	Lab Control Sample	Soluble	Solid	300.0	8987
LCSD 880-8987/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8987
890-1366-13 MS	SW-3	Soluble	Solid	300.0	8987
890-1366-13 MSD	SW-3	Soluble	Solid	300.0	8987

Lab Chronicle

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: CS-1 (1)

Lab Sample ID: 890-1366-1

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 15:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/06/21 21:38	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	8986	10/06/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			9038	10/07/21 10:15	CH	XEN MID

Client Sample ID: CS-2 (1)

Lab Sample ID: 890-1366-2

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 15:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/06/21 22:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	8986	10/06/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			9038	10/07/21 10:21	CH	XEN MID

Client Sample ID: CS-3 (1)

Lab Sample ID: 890-1366-3

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 15:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/06/21 23:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	8986	10/06/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			9038	10/07/21 10:37	CH	XEN MID

Client Sample ID: CS-4 (1)

Lab Sample ID: 890-1366-4

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 16:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: CS-4 (1)

Lab Sample ID: 890-1366-4

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/06/21 23:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	8986	10/06/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			9038	10/07/21 10:43	CH	XEN MID

Client Sample ID: CS-5 (1)

Lab Sample ID: 890-1366-5

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 16:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/06/21 23:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	8986	10/06/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			9038	10/07/21 10:49	CH	XEN MID

Client Sample ID: CS-6 (1)

Lab Sample ID: 890-1366-6

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 16:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 00:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8986	10/06/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			9038	10/07/21 10:54	CH	XEN MID

Client Sample ID: CS-7 (6.5)

Lab Sample ID: 890-1366-7

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 19:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 00:29	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: CS-7 (6.5)

Date Collected: 09/30/21 00:00

Date Received: 10/06/21 08:00

Lab Sample ID: 890-1366-7

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			4.98 g	50 mL	8986	10/06/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			9038	10/07/21 11:00	CH	XEN MID

Client Sample ID: CS-8 (6.5)

Date Collected: 09/30/21 00:00

Date Received: 10/06/21 08:00

Lab Sample ID: 890-1366-8

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 19:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 00:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	8986	10/06/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			9038	10/07/21 11:06	CH	XEN MID

Client Sample ID: CS-9 (6.5)

Date Collected: 09/30/21 00:00

Date Received: 10/06/21 08:00

Lab Sample ID: 890-1366-9

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			5.00 g	5 mL	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 20:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 01:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	8986	10/06/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			9038	10/07/21 11:11	CH	XEN MID

Client Sample ID: CS-10 (6.5)

Date Collected: 09/30/21 00:00

Date Received: 10/06/21 08:00

Lab Sample ID: 890-1366-10

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			4.98 g	5 mL	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 20:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 01:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	8987	10/06/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			9041	10/07/21 10:21	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: SW-1

Lab Sample ID: 890-1366-11

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 20:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 02:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	8987	10/06/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			9041	10/07/21 10:28	CH	XEN MID

Client Sample ID: SW-2

Lab Sample ID: 890-1366-12

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 21:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 02:36	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	8987	10/06/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			9041	10/07/21 10:35	CH	XEN MID

Client Sample ID: SW-3

Lab Sample ID: 890-1366-13

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 21:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 02:57	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	8987	10/06/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			9041	10/07/21 10:42	CH	XEN MID

Client Sample ID: SW-4

Lab Sample ID: 890-1366-14

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 21:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: SW-4

Lab Sample ID: 890-1366-14

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 03:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8987	10/06/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			9041	10/07/21 11:04	CH	XEN MID

Client Sample ID: SW-5

Lab Sample ID: 890-1366-15

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 22:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 03:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	8987	10/06/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			9041	10/07/21 11:11	CH	XEN MID

Client Sample ID: SW-6

Lab Sample ID: 890-1366-16

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8837	10/06/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/06/21 22:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 04:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	8987	10/06/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			9041	10/07/21 11:32	CH	XEN MID

Client Sample ID: SW-7

Lab Sample ID: 890-1366-17

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8967	10/06/21 09:50	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/07/21 02:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 04:21	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Client Sample ID: SW-7

Lab Sample ID: 890-1366-17

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8987	10/06/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			9041	10/07/21 11:39	CH	XEN MID

Client Sample ID: SW-8

Lab Sample ID: 890-1366-18

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8967	10/06/21 09:50	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/07/21 02:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 04:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	8987	10/06/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			9041	10/07/21 11:47	CH	XEN MID

Client Sample ID: SW-9

Lab Sample ID: 890-1366-19

Date Collected: 09/30/21 00:00

Matrix: Solid

Date Received: 10/06/21 08:00

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	8967	10/06/21 09:50	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8971	10/07/21 02:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8999	10/06/21 15:33	KL	XEN MID
Total/NA	Analysis	8015 NM		1			9044	10/07/21 09:11	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	8981	10/06/21 14:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8953	10/07/21 05:03	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	8987	10/06/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			9041	10/07/21 11:54	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

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
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

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

Sample Summary

Client: NT Global
Project/Site: Diamond SM Release

Job ID: 890-1366-1
SDG: 214339

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-1366-1	CS-1 (1)	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-2	CS-2 (1)	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-3	CS-3 (1)	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-4	CS-4 (1)	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-5	CS-5 (1)	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-6	CS-6 (1)	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-7	CS-7 (6.5)	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-8	CS-8 (6.5)	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-9	CS-9 (6.5)	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-10	CS-10 (6.5)	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-11	SW-1	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-12	SW-2	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-13	SW-3	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-14	SW-4	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-15	SW-5	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-16	SW-6	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-17	SW-7	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-18	SW-8	Solid	09/30/21 00:00	10/06/21 08:00
890-1366-19	SW-9	Solid	09/30/21 00:00	10/06/21 08:00



Chain of Custody

Work Order No: _____

Page 1 of 2

Project Manager:	Mike Carmona	Bill to: (if different)	Todd Wells
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, TX 79706
Phone:	432-312-7736	Email:	Todd.Wells@eogresources.com

Program: UST/PST ☐ PRP ☐ Rowfields ☐ RC ☐ Refund ☐	
State of Project: ☐ Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Reporting Level: ☐ Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other: _____	

Project Name:	Diamond SM Release		Turn Around	Pres. Code	ANALYSIS REQUEST		Preservative Codes
Project Number:	214339	☐ Routine ☒ Rush	Due Date:	24Hrs			None: NO DI Water: H ₂ O
Project Location:	Lea Co. NM		TAT starts the day received by the lab, if received by 4:30pm				Cool: Cool MeOH: Me
Sampler's Name:	CRM						HCL: HC HNO ₃ : HN
PO #:							H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐			H ₃ PO ₄ : HP
Received Intact:	Yes ☒ No ☐	Thermometer ID:	TPM-201				NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	-0.2				Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	1.8				Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:	1.6				NaOH+Ascorbic Acid: SAPC
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters
CS-1 (1')	9/30/2021		X		C	1	BTEX 8021B
CS-2 (1')	9/30/2021		X		C	1	TPH 8015M (GRO + DRO + MRO)
CS-3 (1')	9/30/2021		X		C	1	Chloride 300.0
CS-4 (1')	9/30/2021		X		C	1	
CS-5 (1')	9/30/2021		X		C	1	
CS-6 (1')	9/30/2021		X		C	1	
CS-7 (6.5')	9/30/2021		X		C	1	
CS-8 (6.5')	9/30/2021		X		C	1	
CS-9 (6.5')	9/30/2021		X		C	1	
CS-10 (6.5')	9/30/2021		X		C	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>	10-6-21 0800			

Revised Date 06/01/2020 Rev 2020.1



Chain of Custody

Work Order No: _____

Page 2 of 2

Project Manager:	Mike Carmona	Bill to: (if different)	Todd Wells
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, TX 79706
Phone:	432-312-7736	Email:	Todd_Wells@eoqresources.com

Program: ☐ UST/PST ☐ PRP ☐ rowfields ☐ RC ☐ perfund	
State of Project: ☐ Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV	
Reporting Level: ☐ Level II ☐ Level III ☐ Level IV	
Deliverables: ☐ EDD ☐ ADAPT ☐ Other:	

Project Name:	Diamond SM Release	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	214339	Due Date:	24Hrs													None: NO	DI Water: H ₂ O	
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me	
Sampler's Name:	CRM															HCL: HC	HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT				Temp Blank:	Yes	No	Wet Ice:	Yes	No								H ₃ PO ₄ : HP	
Received Intact:	Yes	No	Thermometer ID:									NaHSO ₄ : NABIS						
Cooler Custody Seals:	Yes	No	Correction Factor:									Na ₂ S ₂ O ₃ : NaSO ₃						
Sample Custody Seals:	Yes	No	Temperature Reading:									Zn Acetate+NaOH: Zn						
Total Containers:			Corrected Temperature:									NaOH+Ascorbic Acid: SAPC						

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BT												Sample Comments
SW-1	9/30/2021		X		C	1	X	X	X										
SW-2	9/30/2021		X		C	1	X	X	X										
SW-3	9/30/2021		X		C	1	X	X	X										
SW-4	9/30/2021		X		C	1	X	X	X										
SW-5	9/30/2021		X		C	1	X	X	X										
SW-6	9/30/2021		X		C	1	X	X	X										
SW-7	9/30/2021		X		C	1	X	X	X										
SW-8	9/30/2021		X		C	1	X	X	X										
SW-9	9/30/2021		X		C	1	X	X	X										

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. Its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but 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>Joe Culp</i>	10/4/21 0800			
3					
5					

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Eurofins Xenco, Carlsbad

1089 N Canal St

Carlsbad NM 88220

Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



eurofins

Environment Testing
America

Client Information (Sub Contract Lab)				Sampler		Lab PM		Carrier Tracking No(s)		COC No	
Client Contact				Phone		Kramer, Jessica		State of Origin		890-449 1	
Shipping/Receiving				E-Mail		jessica.kramer@eurofinsnet.com		New Mexico		Page 1 of 3	
Company				Eurofins Xenco		Accreditations Required (See note):		NELAP - Louisiana, NELAP - Texas		Job #	
Address				1211 W Florida Ave.		Due Date Requested		10/7/2021		890-1366-1	
City				Midland		TAT Requested (days)				Preservation Codes	
State Zip				TX 79701						A. HCL B. NaOH C. Zn Acetate D. Nitric Acid E. NaHSO4 F. MeOH G. Amchlor H. Ascorbic Acid I. Ice J. DI Water K. EDTA L. EDA Other:	
Phone				432-704-5440(Tel)		PO #				M. Hexane N. None O. Acetone P. Na2CO3 Q. Na2SO3 R. Na2S2O3 S. H2SO4 T. TSP Dodecaldehyde U. Acetone V. MCAA W. pH 4-5 Z. other (specify)	
Email						WO #					
Project Name				Diamond SM Release		Project #		88000450			
Site						SSOW#					
Sample Identification - Client ID (Lab ID)				Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=Water, S=solid, O=Other, B=Trace, A=Air)	
CS-1 (1) (890-1366-1)				9/30/21		Mountain		Solid		Field Filtered Sample (Yes or No)	
CS-2 (1) (890-1366-2)				9/30/21		Mountain		Solid		Perform MS/MSD (Yes or No)	
CS-3 (1) (890-1366-3)				9/30/21		Mountain		Solid		300_ORGFM_28D/DI_LEACH Chloride	
CS-4 (1) (890-1366-4)				9/30/21		Mountain		Solid		8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	
CS-5 (1) (890-1366-5)				9/30/21		Mountain		Solid		8021B/6036FP_Calc BTEX	
CS-6 (1) (890-1366-6)				9/30/21		Mountain		Solid		8015MOD_Calc	
CS-7 (6 5) (890-1366-7)				9/30/21		Mountain		Solid		Total_BTEX_GCV	
CS-8 (6 5) (890-1366-8)				9/30/21		Mountain		Solid			
CS-9 (6 5) (890-1366-9)				9/30/21		Mountain		Solid			
										Total Number of containers	
										Special Instructions/Note	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontracted laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysts/test/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank: 2

Empty Kit Relinquished by

Relinquished by

Relinquished by

Relinquished by

Custody Seals Intact: ☐ Yes ☐ No Custody Seal No

Ver 06/08/2021

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Client Information (Sub Contract Lab)				Sampler	Lab #/M	Carrier Tracking No(s)	CCO No:									
Client Contact:				Phone:	Kramer, Jessica		890-449 2									
Shipping/Receiving					E-Mail: Jessica.kramer@eurofinsllc.com	State of Origin New Mexico	Page 2 of 3									
Company Eurofins Xenco				Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #	890-1366-1									
Address 1211 W Florida Ave				Due Date Requested 10/7/2021												
City Midland				TAT Requested (days):												
State Zip: TX, 79701																
Phone 432-704-5440(Tel)				PO #:												
Email				WO #												
Project Name: Diamond SM Release				Project # 88000450												
Site				SSOW#												
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoli, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8016MOD_NM/8016NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/6036FP_Calc BTEX	8016MOD_Calc	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
CS-10 (6 5) (890-1366-10)				9/30/21	Mountain		Solid		X	X	X	X	X	X	1	
SW-1 (890-1366-11)				9/30/21	Mountain		Solid		X	X	X	X	X	X	1	
SW-2 (890-1366-12)				9/30/21	Mountain		Solid		X	X	X	X	X	X	1	
SW-3 (890-1366-13)				9/30/21	Mountain		Solid		X	X	X	X	X	X	1	
SW-4 (890-1366-14)				9/30/21	Mountain		Solid		X	X	X	X	X	X	1	
SW-5 (890-1366-15)				9/30/21	Mountain		Solid		X	X	X	X	X	X	1	
SW-6 (890-1366-16)				9/30/21	Mountain		Solid		X	X	X	X	X	X	1	
SW-7 (890-1366-17)				9/30/21	Mountain		Solid		X	X	X	X	X	X	1	
SW-8 (890-1366-18)				9/30/21	Mountain		Solid		X	X	X	X	X	X	1	
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out sub-contract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/method being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.																
Possible Hazard Identification																
Unconfirmed																
Deliverable Requested I, II, III, IV Other (specify) Primary Deliverable Rank 2																
Empty Kit Relinquished by: Date: Time: Method of Shipment:																
Relinquished by: Date/Time: Received by: Date/Time: Company: Company: Company:																
Relinquished by: Date/Time: Received by: Date/Time: Company: Company: Company:																
Custody Seals Intact. Custody Seal No. Cooler Temperature(s) °C and Other Remarks.																
Δ Yes Δ No																

Eurofins Xenco, Carlsbad

1089 N Canal St

Carlsbad NM 88220

Phone. 575-988-3199 Fax 575-988-3199

Chain of Custody Record



**Environment Testing
America**

[illegible]

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-1366-1

SDG Number: 214339

Login Number: 1366

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Xenco, Carlsbad

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-1366-1

SDG Number: 214339

Login Number: 1366

List Number: 2

Creator: Lowe, Katie

List Source: Eurofins Xenco, Midland

List Creation: 10/06/21 02:00 PM

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

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 69613

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 69613
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	1/19/2022