

Incident ID	
District RP	
Facility ID	
Application ID	

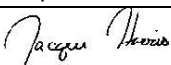
Closure

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: Jacqui Harris Title: Sr. Environmental Engineer
Signature:  Date: 11.17.21
email: Jacqui.Harris@conocophillips.com Telephone: (575) 496-0780

OCD Only

Received by: Chad Hensley Date: 12/21/2021

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: 12/21/2021
Printed Name: Chad Hensley Title: Environmental Specialist Advanced



Site Information

Closure Report

**Cookie Tossler #2 (08.19.21)
Eddy County, New Mexico
Unit A Sec 16 T18S R30E
Incident ID NAPP2125628290
32.753877°, -103.972232°**

Crude Oil Release

**Source: Flowline leak around well head
Release Date: 08/19/21
Volume Released: 5 bbls/Crude Oil
Volume Recovered: 4 bbls/Crude Oil**

Prepared for:

**Concho Operating, LLC
15 West London Rd
Loving, NM 88256**

Prepared by:

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



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Midland, Texas 79706
Tel. 432.685.3898
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November 16, 2021

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

**Re: Closure Report
Cookie Tosser #2 (08.19.21)
Concho Operating, LLC
Site Location: Unit A, S16, T18S, R30E
(Lat 32.753877°, Long -103.972232°)
Eddy County, New Mexico**

To whom it may concern:

On behalf of Concho Operating, LLC (COG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remediation activities for Cookie Tosser #2 (08.19.21). The site is located at 32.753877°, -103.972232° within Unit A, S16, T18S, R30E, and approximately 25.61 miles Southeast of Artesia, New Mexico, in Eddy 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 August 19, 2021, due to a flowline leak around the wellhead. It resulted in the release of approximately five (5) barrels of crude oil, and four (4) barrels of crude oil were recovered. The impacted area measured approximately 140' x 35', 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, one known water source is within a ½ mile radius of the location. There is also a well located approximately 1.50 miles South of the site in S22, T18S, R320E. The well has a reported depth to groundwater of 202.40' feet below ground surface (ft bgs). A copy of the associated USGS – *National Water Information System* report is attached in Appendix B.

On August 4, 2021, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 105' below surface and within a ½ mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 105' below surface. The coordinates for the groundwater determination bore are 32.753095, -103.970558. See Appendix B for the drillers log.

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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride 20,000 mg/kg

Site Assessment

On September 7, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the release. A total of sixteen (16) sample points were advanced to depths ranging surface – 2.0 ft bgs within and surrounding the release area to assess the vertical and horizontal. Of the sixteen (16) sample points collected, five (5) were sidewall samples (SW-1 through SW-5), and two (2) were confirmation samples (CS-1 & CS-2). These samples were collected from a previously excavated area to repair the line. 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 Xenco 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 and Table 2.

Referring to Table 1 and Table 2, the areas of sample locations S-1, S-2, and S-3 showed high TPH concentrations of 3,170 mg/kg, 258 mg/kg, and 381 mg/kg. The areas of S-1 and S-2 also showed high Chloride concentrations of 953 mg/kg and 2,720 mg/kg. All remaining samples collected during the initial site assessment were below the 19.15.29.12 NMAC criteria for BTEX, TPH, and Chlorides.

Remediation Activities and Confirmation Sampling

New Tech Global Environmental personnel were onsite from September 13-19, 2021, supervising the remediation activities and collecting confirmation samples. The areas of S-1 through S-3 were excavated to a depth of 1.5' below surface.

A total of fifty-seven (57) confirmation samples were collected (CS-3 through CS-38), and fourteen (14) sidewall samples (SW-6 through SW-19) 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 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

The area of CS-17 showed high TPH concentrations of 404 mg/kg at 1.5 below the surface, and the area of SW-19 showed a high Chloride concentration of 6,440 mg/kg. The confirmation

samples were re-collected after further excavating the site of an additional 0.5'. All the final confirmation samples were below 19.15.29.12 NMAC criteria.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 540 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 COG 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

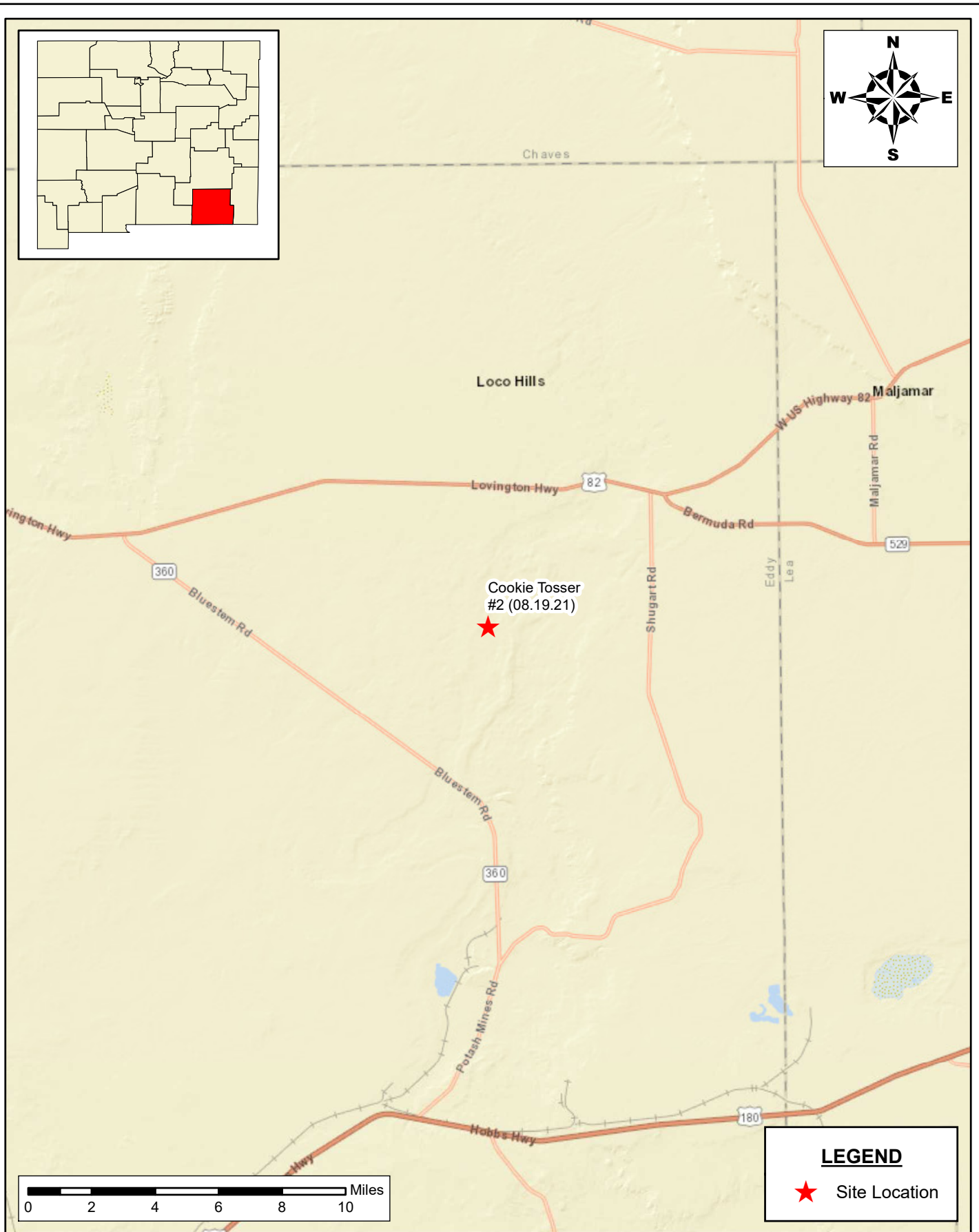


Ashton Thielke
Project Manager



Figures

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SITE LOCATION MAP
COG OPERATING, LLC
 COOKIE TOSSER #2 (08.19.21)
 EDDY COUNTY, NEW MEXICO
 32.753877, -103.972232

SCALE: As Shown

Date: 11/15/2021

PROJECT #: 214633



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

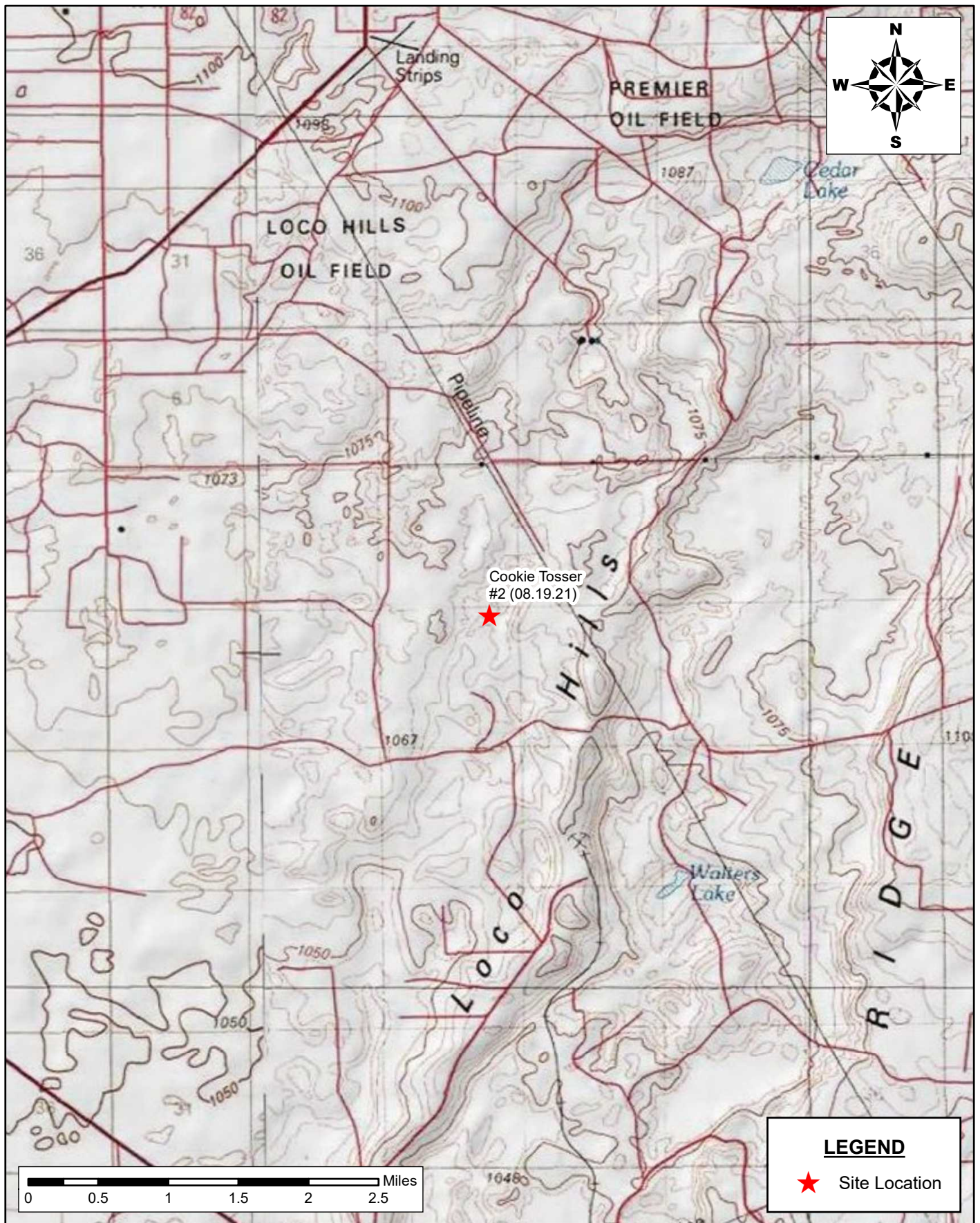
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FIGURE 1

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AREA MAP
COG OPERATING, LLC
 COOKIE TOSSER #2 (08.19.21)
 EDDY COUNTY, NEW MEXICO
 32.753877, -103.972232

SCALE: As Shown

Date: 11/15/2021

PROJECT #: 214633



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NOTES:

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

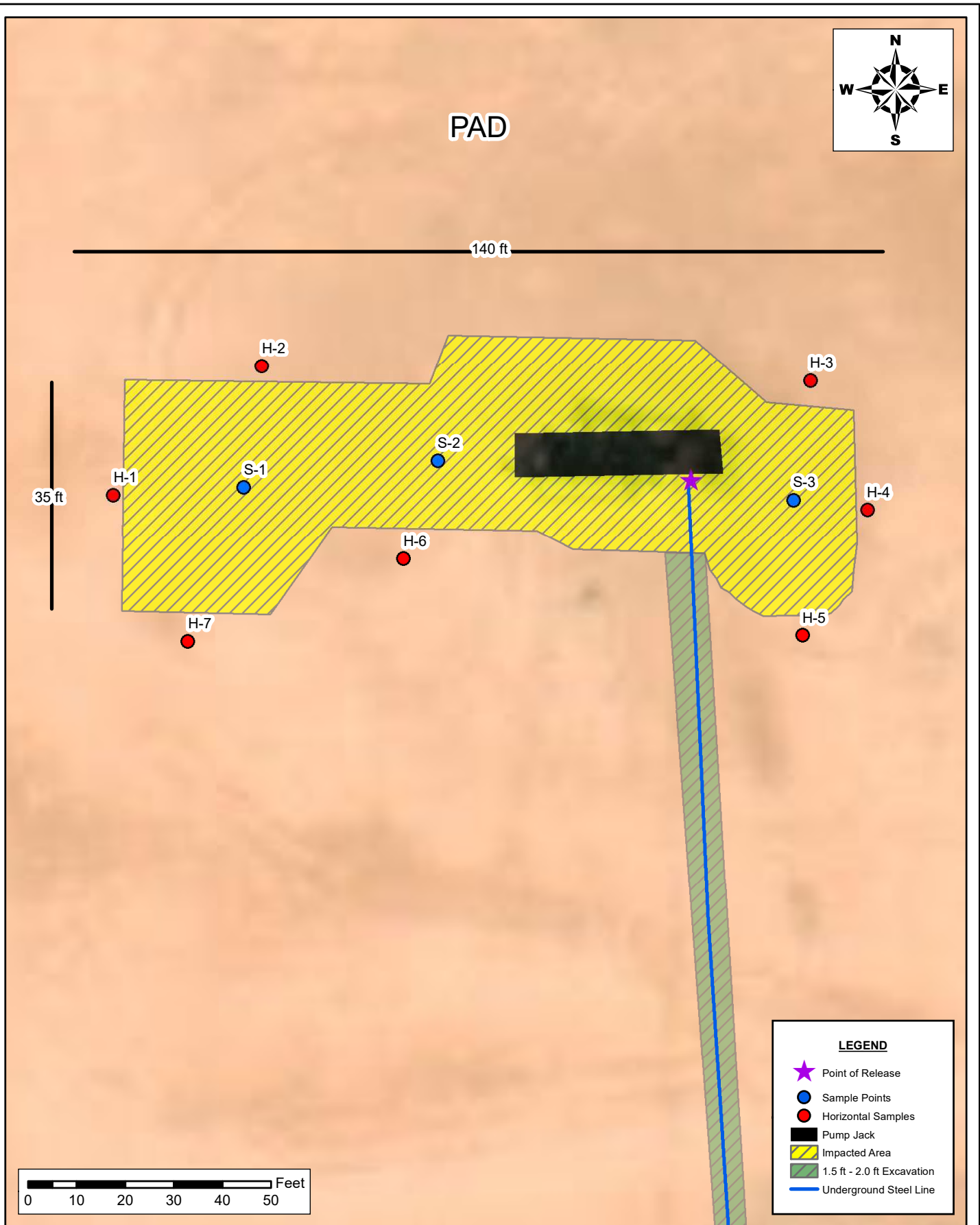
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FIGURE 2

SHEET NUMBER:

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SAMPLE LOCATION MAP
COG OPERATING, LLC
 COOKIE TOSSER #2 (08.19.21)
 EDDY COUNTY, NEW MEXICO
 32.753877, -103.972232

SCALE: As Shown

Date: 11/15/2021

PROJECT #: 214633



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NOTES:

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

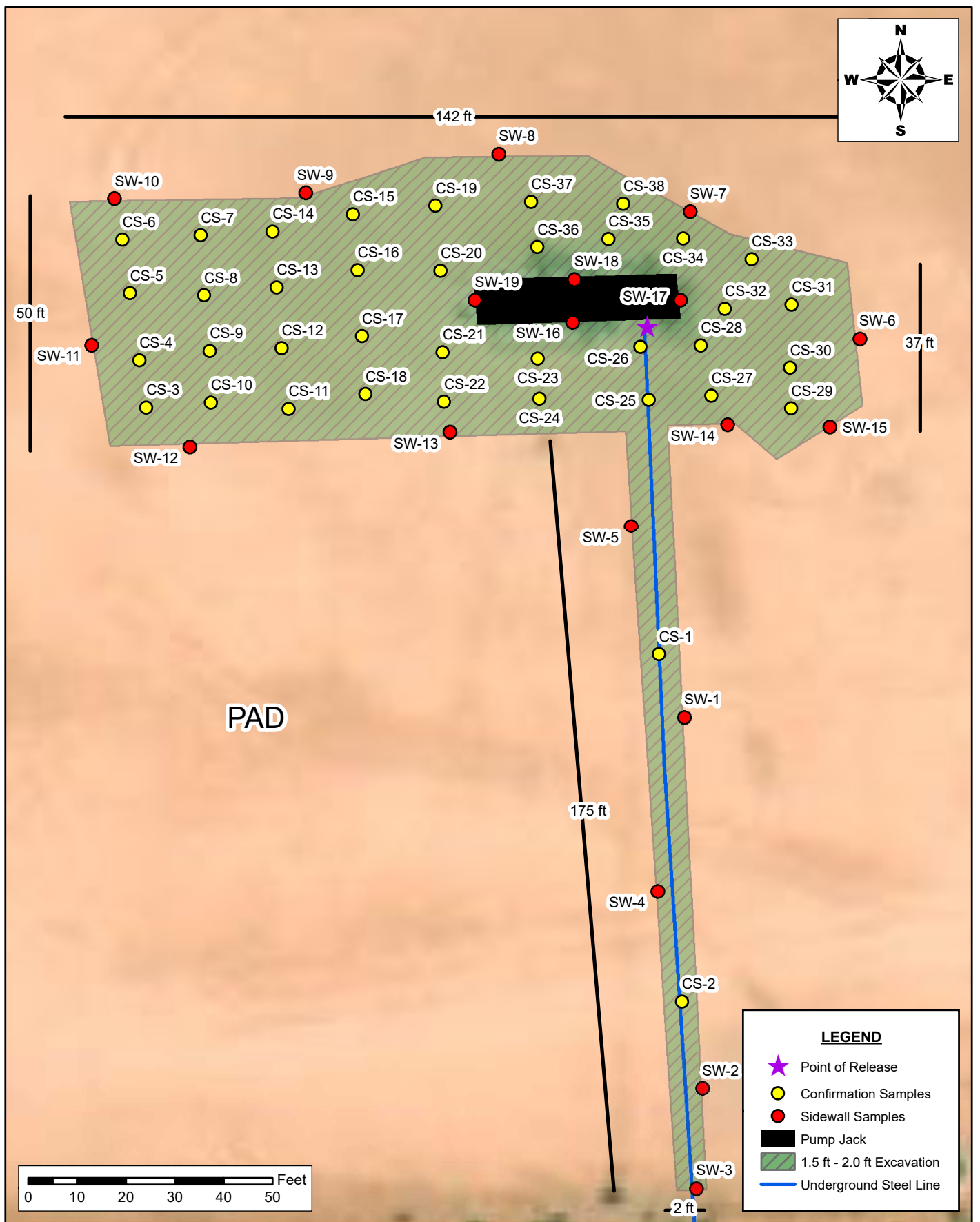
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FIGURE 3

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EXCAVATION DEPTH MAP
COG OPERATING, LLC
 COOKIE TOSSEY #2 (08.19.21)
 EDDY COUNTY, NEW MEXICO
 32.753877, -103.972232

SCALE: As Shown

Date: 11/15/2021

PROJECT #: 214633



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 F - 281.872.4521
 Web: www.ntglobal.com

NOTES:

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

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FIGURE 4

SHEET NUMBER:

1 of 1



Tables

Table 1
Concho Operating, LLC
Cookie Tosser #2 (08.19.21)
Eddy County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
S-1	9/7/2021	0-1'	3,170	<49.9	<49.9	3,170	<0.00199	0.00531	0.0108	0.0278	0.0439	953
	"	1-1.5'	57.1	<49.8	<49.8	57.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	110
S-2	9/7/2021	0-1'	258	<49.9	<49.9	258	<0.00200	0.00252	0.00895	0.0276	0.0391	2,720
	"	1-1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00319	<0.00199	<0.00398	<0.00398	54.3
S-3	9/7/2021	0-1'	381	<49.8	<49.8	381	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	237
	"	1-1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	48.5
H-1	9/7/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	47.1
H-2	9/7/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	46.4
H-3	9/7/2021	0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	86.3
H-4	9/7/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	50.9
H-5	9/7/2021	0.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	24.7
H-6	9/7/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	25.2
Regulatory Limits ^A			1,000 mg/kg		2,500 mg/kg		10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

Removed

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

Table 2
Concho Operating, LLC
Cookie Tossler #2 (08.19.21)
Eddy County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
CS-1	9/7/2021	(2')	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	19.7
CS-2	9/7/2021	(2')	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	22.6
CS-3	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	82.5
CS-4	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	19.7
CS-5	10/19/2021	(1.5')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	42.8
CS-6	10/19/2021	(1.5')	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	15.5
CS-7	10/19/2021	(1.5')	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	68.6
CS-8	10/19/2021	(1.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	20.9
CS-9	10/19/2021	(1.5')	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	15.8
CS-10	10/19/2021	(1.5')	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	27.6
CS-11	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	32.2
CS-12	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	60.0
CS-13	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	5.78
CS-14	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.0
CS-15	10/19/2021	(1.5')	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	0.00245	<0.00400	<0.00400	5.39
CS-16	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6.97
CS-17	10/19/2021	(1.5')	<50.0	404	<50.0	404	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10.0
	10/26/2021	(1.5'-2')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.99
CS-18	10/19/2021	(1.5')	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	72.2
CS-19	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	66.5
CS-20	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	78.9

Table 2
Concho Operating, LLC
Cookie Tosser #2 (08.19.21)
Eddy County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
CS-21	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6.09
CS-22	10/19/2021	(1.5')	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	49.5
CS-23	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6.86
CS-24	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	54.4
CS-25	10/19/2021	(1.5')	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	102
CS-26	10/19/2021	(1.5')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	30.9
CS-27	10/19/2021	(1.5')	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	51.7
CS-28	10/19/2021	(1.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6.57
CS-29	10/19/2021	(1.5')	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	43.5
CS-30	10/19/2021	(1.5')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6.43
CS-31	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5.64
CS-32	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6.60
CS-33	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5.70
CS-34	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.76
CS-35	10/19/2021	(1.5')	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	5.67
CS-36	10/19/2021	(1.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	5.51
CS-37	10/19/2021	(1.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5.54
CS-38	10/19/2021	(1.5')	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	5.45

Table 2
Concho Operating, LLC
Cookie Tosser #2 (08.19.21)
Eddy County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
SW-1	9/7/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.8
SW-2	9/7/2021	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	20.2
SW-3	9/7/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	20.4
SW-4	9/7/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.4
SW-5	9/7/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	21.7
SW-6	10/19/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5.47
SW-7	10/19/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5.36
SW-8	10/19/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	13.6
SW-9	10/19/2021	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	6.92
SW-10	10/19/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5.65
SW-11	10/19/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6.21
SW-12	10/19/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6.01
SW-13	10/19/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5.64
SW-14	10/19/2021	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	8.83
SW-15	10/19/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	5.81
SW-16	10/19/2021	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.88
SW-17	10/19/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.68
SW-18	10/19/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.47
SW-19	10/19/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00400	6,440
	10/26/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<4.99
Regulatory Limits ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

Removed



Photo Log

PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 1

Facility: Cookie Tosser #2 (08.19.21)

County: Eddy County, New Mexico

Description:

Veiw North, Area of Confirmation Samples (1-2) and Sidewall Samples (1-5).



Photograph No. 2

Facility: Cookie Tosser #2 (08.19.21)

County: Eddy County, New Mexico

Description:

Veiw South, Area of Confirmation Samples (23-29).



Photograph No. 3

Facility: Cookie Tosser #2 (08.19.21)

County: Eddy County, New Mexico

Description:

Veiw West, Area of Confirmation Samples (3-38) and Sidewall Samples (6-9, 12-19).



PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 4

Facility: Cookie Tosser #2 (08.19.21)

County: Eddy County, New Mexico

Description:

Veiw West, Area of Confirmation Samples (7-38) and Sidewall Samples (1-5).



Photograph No. 5

Facility: Cookie Tosser #2 (08.19.21)

County: Eddy County, New Mexico

Description:

Veiw West, Area of Confirmation Samples (15-19).



Photograph No. 6

Facility: Cookie Tosser #2 (08.19.21)

County: Eddy County, New Mexico

Description:

Veiw East, Area of Confirmation Samples (3-16,20-22,30-38).



PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 7

Facility: Cookie Tosser #2 (08.19.21)

County: Eddy County, New Mexico

Description:

Veiw Northeast, Area of Completed Backfill.



Photograph No. 8

Facility: Cookie Tosser #2 (08.19.21)

County: Eddy County, New Mexico

Description:

Veiw East, Area of Completed Backfill.





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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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)	Volume Recovered (bbls)
	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		

Incident ID	
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?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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 _____	Title: _____
Signature: <u>Battani Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

L48 Spill Volume Estimate Form

Facility Name & Number: Cookie Tosser 2H

Asset Area: DBWN

Release Discovery Date & Time: 8/19/2021

Release Type: Oil

Provide any known details about the event: Corrosion of flow line was cause of release.

Spill Calculation - On Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated <u>Pool</u> Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture
Rectangle A	128.0	25.0	0.45	4	3200.000	0.009	5.340	0.000	5.343	
Rectangle B					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Total Volume Release:									5.343	

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: Jacques Harris 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: Jaques Heredia 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: _____



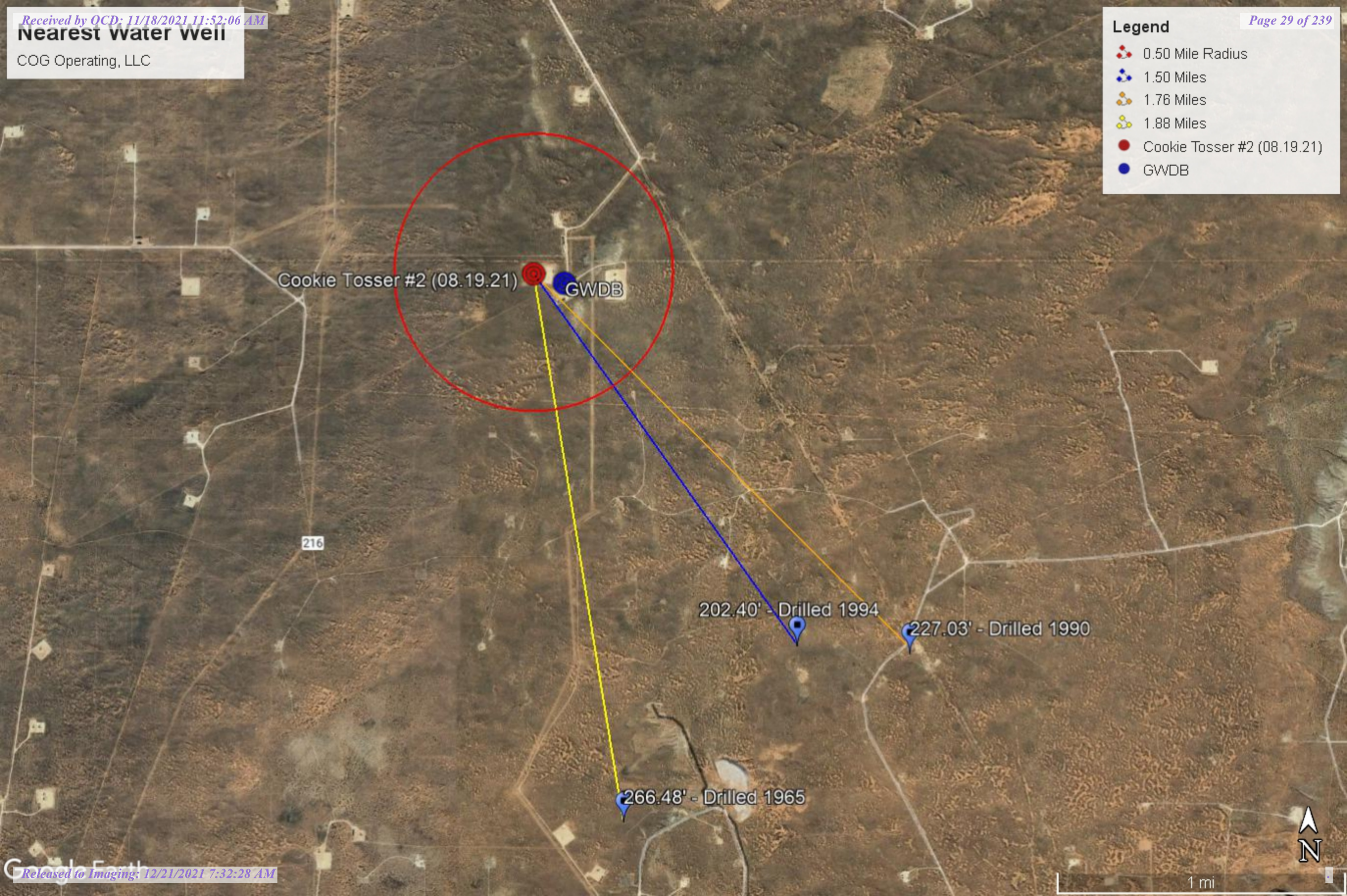
Appendix B

Nearest water well

COG Operating, LLC

Legend

- 0.50 Mile Radius
- 1.50 Miles
- 1.76 Miles
- 1.88 Miles
- Cookie Tosser #2 (08.19.21)
- GWDB



Cookie Tosser #2 (08.19.21) GWDB

216

202.40' - Drilled 1994

227.03' - Drilled 1990

266.48' - Drilled 1965



1 mi

Groundwater Determination Bore

COG Operating, LLC

Legend

●

Cookie Tossers #2 (08.19.21)

●

Groundwater Determination Bore

Cookie Tossers #2 (08.19.21)

GWDB





Project Name :	Hurl State 1 (07.05.21)	Date :	Wednesday, August 4, 2021
Project No. :	214415	Sampler :	Nick Hart
Location :	Eddy Co, New Mexico	Driller :	Scarborough Drilling
Coordinates :	32.753095°, -103.970558°	Method :	Air Rotary
Elevation :	3,473'		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Reddish light brown gravel to fine grained sand, with <10% angular to sub-rounded caliche gravel (SP). Dry		50		(50') - Light reddish brown, medium to fine grained loose sandy clay (SM). Dry	
5		(3') - Light reddish brown loose sand (SM). Dry		55		(55') - Yellowish red with >50% loose fine grained sand and <10% rounded gravel (CL). Dry	
10		(7') - Pinkish white to light reddish brown well graded sand with <5% cobble sized caliche (SW). Dry		60		(60') - Reddish brown, medium to fine grained sand with <5% angular to rounded, coarse gravel. Sandy clay with slight plasticity (SW). Dry	
15				65			
20				70			
25		(25') - Dark reddish brown fine angular to sub-angular gravel with >50% medium, poorly graded, loose sand (SP). Dry		75			
30		(30') - Dark reddish brown coarse to fine grained, medium stiff clayey sand, with <10% angular to rounded caliche gravel (SC). Dry		80			
35				85			
40				90			
45		(45') - Dark reddish brown, medium to fine grained, loose sand with low plasticity clay and rounded cobble sized fragments (SC). Dry		95		(95') - Reddish brown, medium to fine grained loose sand with >50% slight plasticity clay (SC). Dry	
50				105			

Comments : Total Depth 105' bgs
Drilling Terminated @ 12:00 CT No groundwater present

On 8/9/2021 No groundwater present

Low Karst

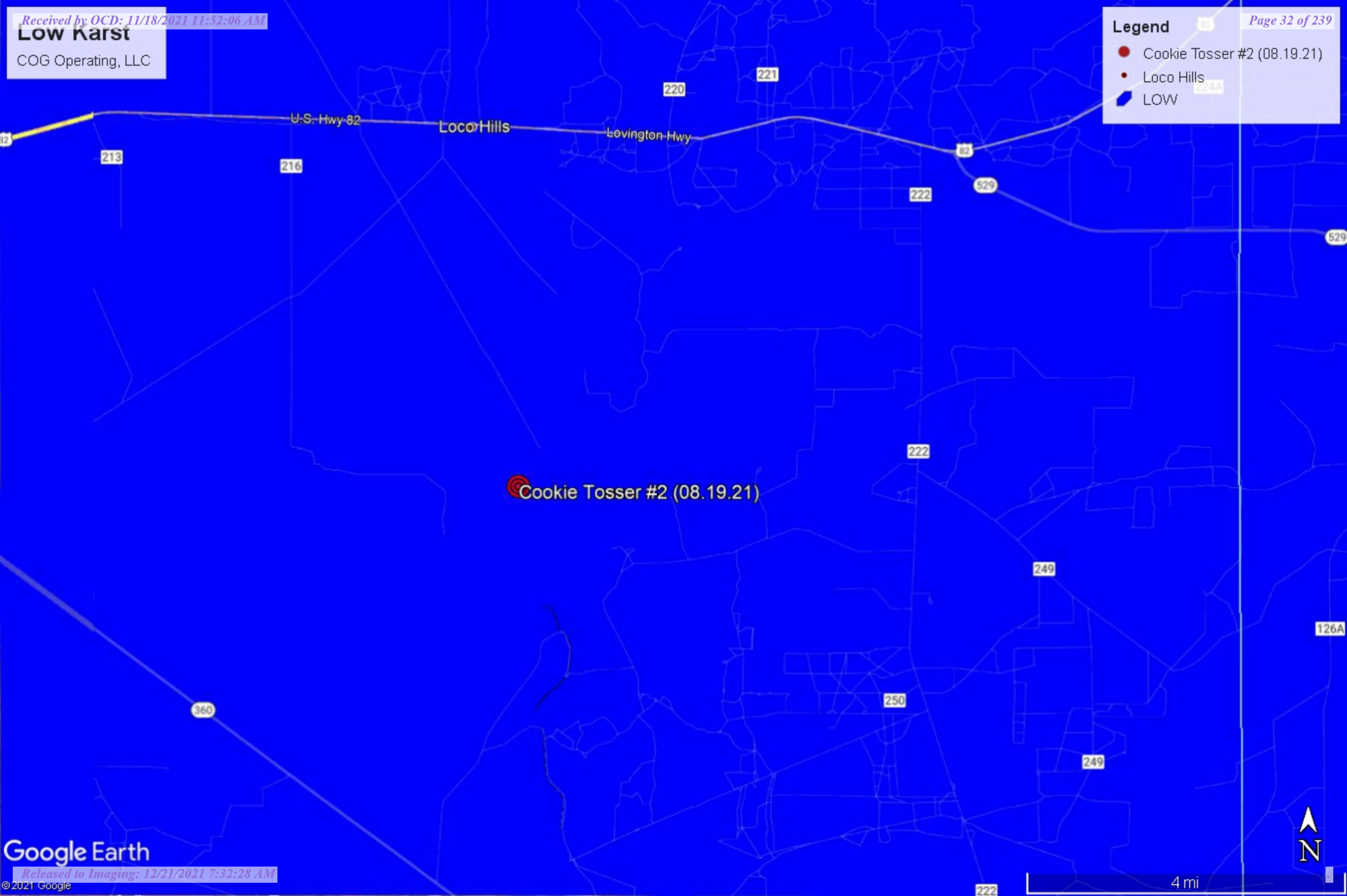
COG Operating, LLC

Legend

Cookie Tossers #2 (08.19.21)

Loco Hills

LOW





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 Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00767 POD1	CP	ED		3	2	35	18S	30E		599300	3619158*	500		
CP 00818 POD1	CP	LE		1	4	26	18S	30E		599289	3620364*	240		
CP 00819 POD1	CP	LE		2	4	32	18S	30E		594878	3618720*	150		
CP 00853 POD1	O	CP	ED	2	4	28	18S	30E		596472	3620340*	350		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 4

PLSS Search:

Township: 18S

Range: 30E

*UTM location was derived from PLSS - see Help

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

7/20/21 3:03 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico GO

Click to hide News Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: [Next Generation Station Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 324333103580001

Minimum number of levels = 1

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

USGS 324333103580001 18S.30E.21.4200

Eddy County, New Mexico

Latitude 32°43'33", Longitude 103°58'00" NAD27

Land-surface elevation 3,461 feet above NAVD88

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

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1965-12-09			D	62610	3193.00	NGVD29	1	Z		
1965-12-09			D	62611	3194.52	NAVD88	1	Z		
1965-12-09			D	72019	266.48		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.

[Questions about sites/data?](#)[Feedback on this web site](#)[Automated retrievals](#)[Help](#)[Data Tips](#)[Explanation of terms](#)[Subscribe for system changes](#)[News](#)[Accessibility](#)[FOIA](#)[Privacy](#)[Policies and Notices](#)[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)**Title: Groundwater for New Mexico: Water Levels****URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2021-07-20 17:58:17 EDT

0.28 0.24 nadww02



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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico GO

Click to hide News Bulletins

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- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: [Next Generation Station Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 324405103565801

Minimum number of levels = 1

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

USGS 324405103565801 18S.30E.22.2220

Eddy County, New Mexico

Latitude 32°44'05", Longitude 103°56'58" NAD27

Land-surface elevation 3,414 feet above NAVD88

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

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1965-12-09			D 62610		3170.47	NGVD29	1		Z	
1965-12-09			D 62611		3172.00	NAVD88	1		Z	
1965-12-09			D 72019	242.00			1		Z	
1968-03-07			D 62610		3171.67	NGVD29	1		Z	
1968-03-07			D 62611		3173.20	NAVD88	1		Z	
1968-03-07			D 72019	240.80			1		Z	
1971-04-08			D 62610		3173.21	NGVD29	1		Z	
1971-04-08			D 62611		3174.74	NAVD88	1		Z	
1971-04-08			D 72019	239.26			1		Z	
1976-05-28			D 62610		3176.01	NGVD29	1		Z	
1976-05-28			D 62611		3177.54	NAVD88	1		Z	
1976-05-28			D 72019	236.46			1		Z	
1983-04-12			D 62610		3174.09	NGVD29	1		Z	
1983-04-12			D 62611		3175.62	NAVD88	1		Z	
1983-04-12			D 72019	238.38			1		Z	

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
1990-09-25			D	62610	3185.44	NGVD29	1	S		
1990-09-25			D	62611	3186.97	NAVD88	1	S		
1990-09-25			D	72019	227.03		1	S		

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

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Title: Groundwater for New Mexico: Water Levels

URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=324405103565801&agency_cd=USGS&format=html



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

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0.28 0.24 nadww02



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Agency code = usgs

site_no list =

- 324405103572201

Minimum number of levels = 1

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USGS 324405103572201 18S.30E.22.2110

Eddy County, New Mexico

Latitude 32°44'05", Longitude 103°57'22" NAD27

Land-surface elevation 3,420 feet above NAVD88

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

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1971-04-08			D 62610		3274.41	NGVD29	1		Z	
1971-04-08			D 62611		3275.93	NAVD88	1		Z	
1971-04-08			D 72019	144.07			1		Z	
1976-05-28			D 62610		3204.10	NGVD29	1		Z	
1976-05-28			D 62611		3205.62	NAVD88	1		Z	
1976-05-28			D 72019	214.38			1		Z	
1983-04-12			D 62610		3215.70	NGVD29	1		Z	
1983-04-12			D 62611		3217.22	NAVD88	1		Z	
1983-04-12			D 72019	202.78			1		Z	
1994-03-16			D 62610		3216.08	NGVD29	1		S	
1994-03-16			D 62611		3217.60	NAVD88	1		S	
1994-03-16			D 72019	202.40			1		S	

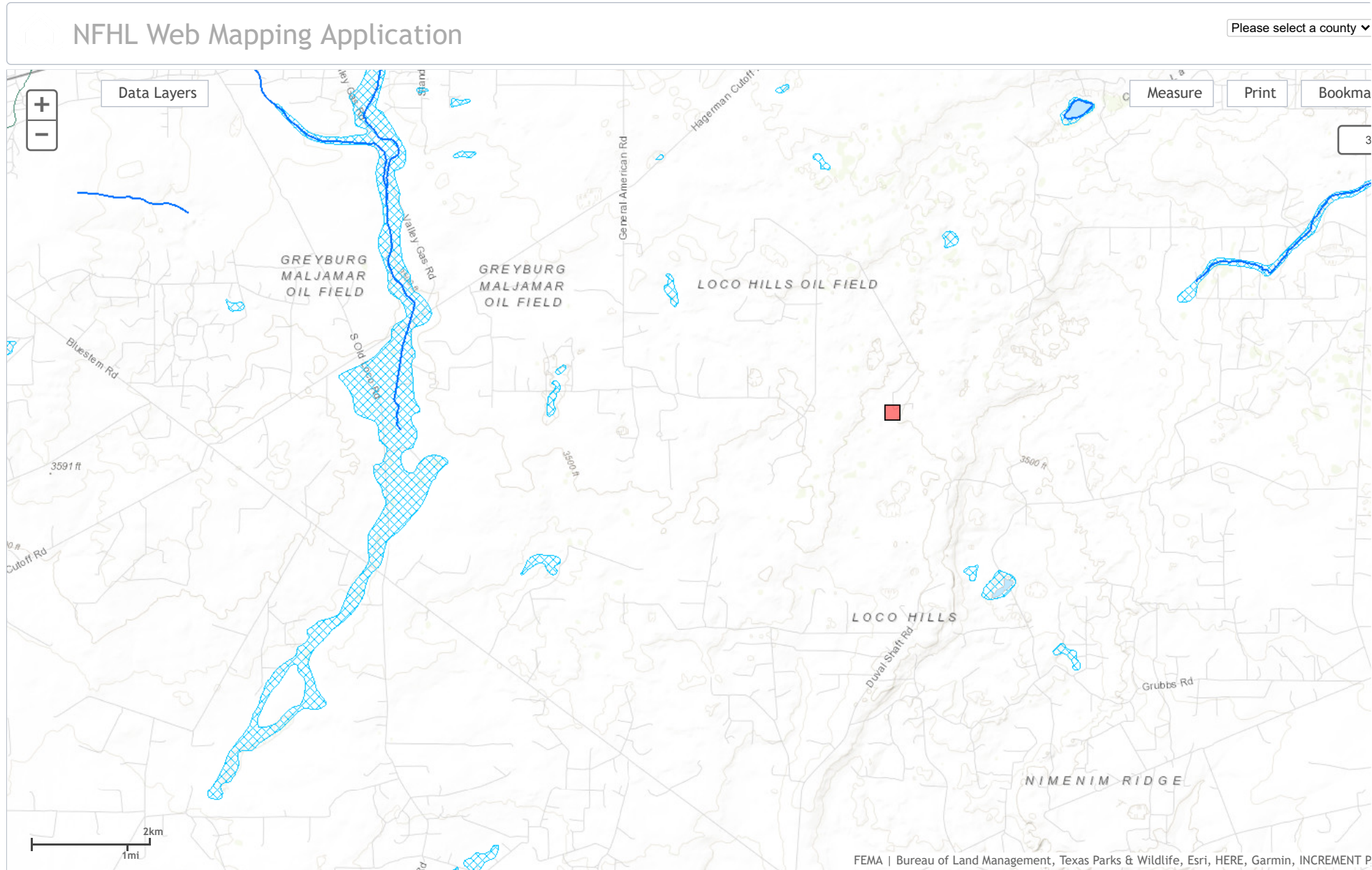
Explanation

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	S	Steel-tape measurement.
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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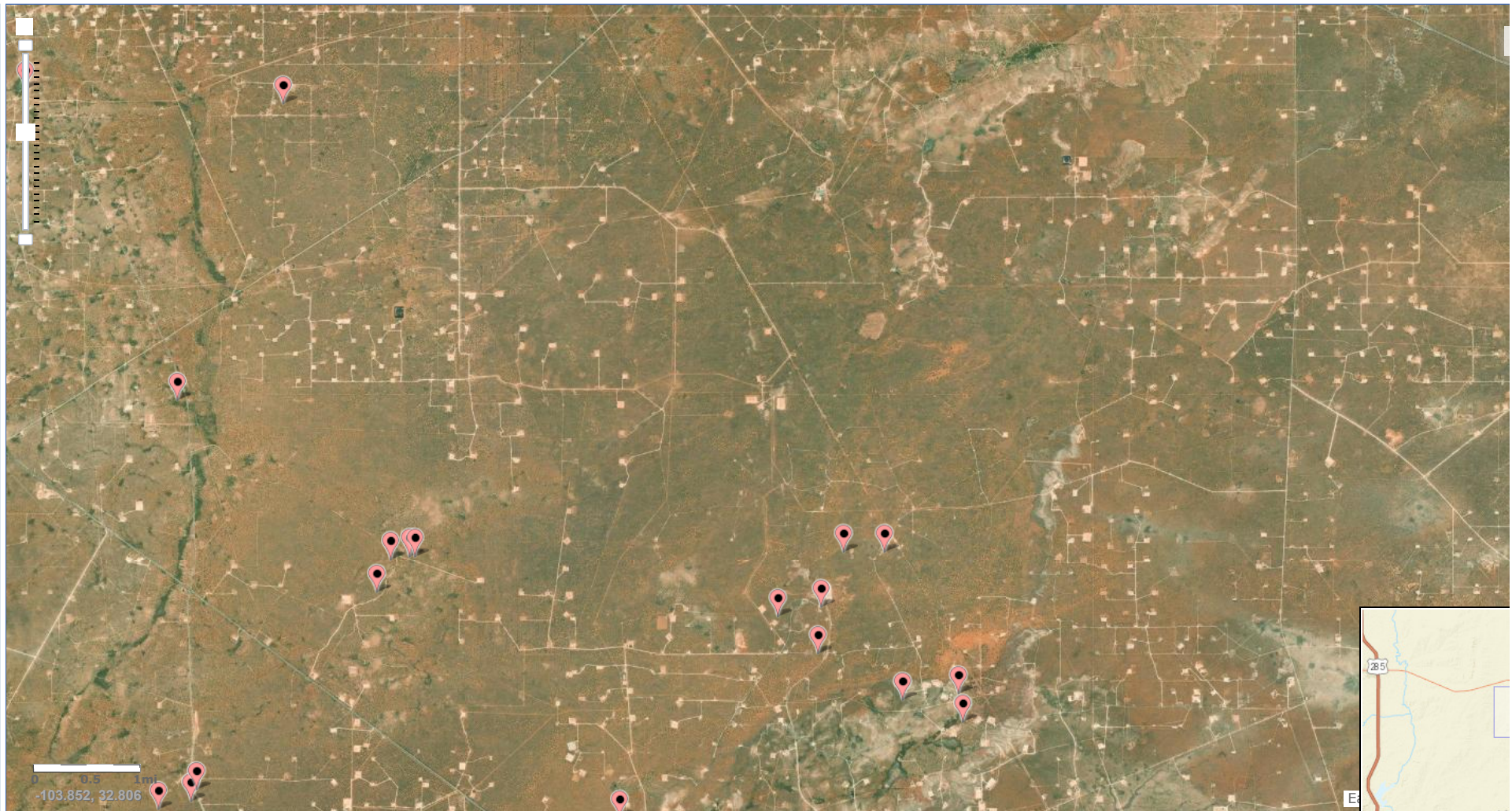
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0.3 0.27 nadww01





National Water Information System: Mapper



Site Information



Appendix C



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-5873-1

Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Cookie Tosser #2 (08.19.21)

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:
9/10/2021 2:09:26 PM

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

LINKS

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results through
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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: Cookie Tosser #2 (08.19.21)

Laboratory Job ID: 880-5873-1
SDG: Eddy County NM

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Definitions/Glossary

Client: NT Global

Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1

SDG: Eddy County 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
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: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

Job ID: 880-5873-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-5873-1

Receipt

The samples were received on 9/8/2021 2:43 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.0°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: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

Client Sample ID: CS-1 (2')

Lab Sample ID: 880-5873-1

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 15:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 15:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 15:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/09/21 08:23	09/09/21 15:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 15:41	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/09/21 08:23	09/09/21 15:41	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		09/09/21 08:23	09/09/21 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	09/09/21 08:23	09/09/21 15:41	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/09/21 08:23	09/09/21 15:41	1

Method: 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		09/08/21 16:18	09/09/21 15:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 15:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 15:37	1
Total TPH	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 15:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	09/08/21 16:18	09/09/21 15:37	1
o-Terphenyl	82		70 - 130	09/08/21 16:18	09/09/21 15:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.7		4.97		mg/Kg			09/09/21 09:06	1

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-5873-2

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 16:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 16:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 16:02	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/09/21 08:23	09/09/21 16:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 16:02	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/09/21 08:23	09/09/21 16:02	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/09/21 08:23	09/09/21 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	09/09/21 08:23	09/09/21 16:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/09/21 08:23	09/09/21 16:02	1

Method: 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		09/08/21 16:18	09/09/21 15:58	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global

Job ID: 880-5873-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-5873-2

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/08/21 16:18	09/09/21 15:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 15:58	1
Total TPH	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				09/08/21 16:18	09/09/21 15:58	1
o-Terphenyl	91		70 - 130				09/08/21 16:18	09/09/21 15:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.6		4.96		mg/Kg			09/09/21 09:11	1

Client Sample ID: SW-1

Lab Sample ID: 880-5873-3

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 16:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/09/21 08:23	09/09/21 16:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/09/21 08:23	09/09/21 16:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/09/21 08:23	09/09/21 16:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/09/21 08:23	09/09/21 16:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/09/21 08:23	09/09/21 16:22	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/09/21 08:23	09/09/21 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				09/09/21 08:23	09/09/21 16:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/09/21 08:23	09/09/21 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 16:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 16:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 16:19	1
Total TPH	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 16:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				09/08/21 16:18	09/09/21 16:19	1
o-Terphenyl	96		70 - 130				09/08/21 16:18	09/09/21 16:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.8		4.95		mg/Kg			09/09/21 09:17	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

Client Sample ID: SW-2

Lab Sample ID: 880-5873-4

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 17:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 17:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 17:44	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/09/21 08:23	09/09/21 17:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 17:44	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/09/21 08:23	09/09/21 17:44	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		09/09/21 08:23	09/09/21 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	09/09/21 08:23	09/09/21 17:44	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/09/21 08:23	09/09/21 17:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 16:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 16:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 16:40	1
Total TPH	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 16:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	09/08/21 16:18	09/09/21 16:40	1
o-Terphenyl	104		70 - 130	09/08/21 16:18	09/09/21 16:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.2		5.04		mg/Kg			09/09/21 09:23	1

Client Sample ID: SW-3

Lab Sample ID: 880-5873-5

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 18:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 18:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 18:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/09/21 08:23	09/09/21 18:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 18:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/09/21 08:23	09/09/21 18:05	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/09/21 08:23	09/09/21 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	09/09/21 08:23	09/09/21 18:05	1
1,4-Difluorobenzene (Surr)	88		70 - 130	09/09/21 08:23	09/09/21 18:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 17:23	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global

Job ID: 880-5873-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Client Sample ID: SW-3

Lab Sample ID: 880-5873-5

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/08/21 16:18	09/09/21 17:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 17:23	1
Total TPH	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				09/08/21 16:18	09/09/21 17:23	1
o-Terphenyl	89		70 - 130				09/08/21 16:18	09/09/21 17:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.4		4.98		mg/Kg			09/09/21 09:28	1

Client Sample ID: SW-4

Lab Sample ID: 880-5873-6

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 18:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/09/21 08:23	09/09/21 18:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/09/21 08:23	09/09/21 18:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 18:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/09/21 08:23	09/09/21 18:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 18:25	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				09/09/21 08:23	09/09/21 18:25	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/09/21 08:23	09/09/21 18:25	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		09/08/21 16:18	09/09/21 17:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 17:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 17:44	1
Total TPH	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				09/08/21 16:18	09/09/21 17:44	1
o-Terphenyl	92		70 - 130				09/08/21 16:18	09/09/21 17:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.4		5.01		mg/Kg			09/09/21 09:45	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

Client Sample ID: SW-5

Lab Sample ID: 880-5873-7

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 18:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 18:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 18:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/09/21 08:23	09/09/21 18:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 18:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/09/21 08:23	09/09/21 18:45	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/09/21 08:23	09/09/21 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	09/09/21 08:23	09/09/21 18:45	1
1,4-Difluorobenzene (Surr)	105		70 - 130	09/09/21 08:23	09/09/21 18:45	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	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 18:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 18:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 18:05	1
Total TPH	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	09/08/21 16:18	09/09/21 18:05	1
o-Terphenyl	91		70 - 130	09/08/21 16:18	09/09/21 18:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.7		4.98		mg/Kg			09/09/21 09:51	1

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

Lab Sample ID: 880-5873-8

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 19:06	1
Toluene	0.00531		0.00199		mg/Kg		09/09/21 08:23	09/09/21 19:06	1
Ethylbenzene	0.0108		0.00199		mg/Kg		09/09/21 08:23	09/09/21 19:06	1
m-Xylene & p-Xylene	0.0185		0.00398		mg/Kg		09/09/21 08:23	09/09/21 19:06	1
o-Xylene	0.00931		0.00199		mg/Kg		09/09/21 08:23	09/09/21 19:06	1
Xylenes, Total	0.0278		0.00398		mg/Kg		09/09/21 08:23	09/09/21 19:06	1
Total BTEX	0.0439		0.00398		mg/Kg		09/09/21 08:23	09/09/21 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	09/09/21 08:23	09/09/21 19:06	1
1,4-Difluorobenzene (Surr)	109		70 - 130	09/09/21 08:23	09/09/21 19:06	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		09/08/21 16:18	09/09/21 18:26	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global

Job ID: 880-5873-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

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

Lab Sample ID: 880-5873-8

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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)	3170		49.9		mg/Kg		09/08/21 16:18	09/09/21 18:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 18:26	1
Total TPH	3170		49.9		mg/Kg		09/08/21 16:18	09/09/21 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/08/21 16:18	09/09/21 18:26	1
o-Terphenyl	95		70 - 130				09/08/21 16:18	09/09/21 18:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	953		4.95		mg/Kg			09/09/21 10:07	1

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

Lab Sample ID: 880-5873-9

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 19:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/09/21 08:23	09/09/21 19:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/09/21 08:23	09/09/21 19:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 19:26	1
o-Xylene	0.00264		0.00199		mg/Kg		09/09/21 08:23	09/09/21 19:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 19:26	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				09/09/21 08:23	09/09/21 19:26	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/09/21 08:23	09/09/21 19:26	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	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 18:47	1
Diesel Range Organics (Over C10-C28)	57.1		49.8		mg/Kg		09/08/21 16:18	09/09/21 18:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 18:47	1
Total TPH	57.1		49.8		mg/Kg		09/08/21 16:18	09/09/21 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				09/08/21 16:18	09/09/21 18:47	1
o-Terphenyl	87		70 - 130				09/08/21 16:18	09/09/21 18:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.95		mg/Kg			09/09/21 10:13	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global

Job ID: 880-5873-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

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

Lab Sample ID: 880-5873-10

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 19:47	1
Toluene	0.00252		0.00200		mg/Kg		09/09/21 08:23	09/09/21 19:47	1
Ethylbenzene	0.00895		0.00200		mg/Kg		09/09/21 08:23	09/09/21 19:47	1
m-Xylene & p-Xylene	0.0172		0.00399		mg/Kg		09/09/21 08:23	09/09/21 19:47	1
o-Xylene	0.0104		0.00200		mg/Kg		09/09/21 08:23	09/09/21 19:47	1
Xylenes, Total	0.0276		0.00399		mg/Kg		09/09/21 08:23	09/09/21 19:47	1
Total BTEX	0.0391		0.00399		mg/Kg		09/09/21 08:23	09/09/21 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	09/09/21 08:23	09/09/21 19:47	1
1,4-Difluorobenzene (Surr)	104		70 - 130	09/09/21 08:23	09/09/21 19:47	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		09/08/21 16:18	09/09/21 19:08	1
Diesel Range Organics (Over C10-C28)	258		49.9		mg/Kg		09/08/21 16:18	09/09/21 19:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 19:08	1
Total TPH	258		49.9		mg/Kg		09/08/21 16:18	09/09/21 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	09/08/21 16:18	09/09/21 19:08	1
o-Terphenyl	98		70 - 130	09/08/21 16:18	09/09/21 19:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2720		25.2		mg/Kg			09/09/21 10:19	5

Client Sample ID: S-2 91'-1.5')

Lab Sample ID: 880-5873-11

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 20:07	1
Toluene	0.00319		0.00199		mg/Kg		09/09/21 08:23	09/09/21 20:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/09/21 08:23	09/09/21 20:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 20:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/09/21 08:23	09/09/21 20:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 20:07	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	09/09/21 08:23	09/09/21 20:07	1
1,4-Difluorobenzene (Surr)	102		70 - 130	09/09/21 08:23	09/09/21 20:07	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		09/08/21 16:18	09/09/21 19:29	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global

Job ID: 880-5873-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Client Sample ID: S-2 91'-1.5')

Lab Sample ID: 880-5873-11

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/08/21 16:18	09/09/21 19:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 19:29	1
Total TPH	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				09/08/21 16:18	09/09/21 19:29	1
o-Terphenyl	90		70 - 130				09/08/21 16:18	09/09/21 19:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.3		5.04		mg/Kg			09/09/21 10:24	1

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

Lab Sample ID: 880-5873-12

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 20:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 20:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 20:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/09/21 08:23	09/09/21 20:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 20:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/09/21 08:23	09/09/21 20:27	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/09/21 08:23	09/09/21 20:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				09/09/21 08:23	09/09/21 20:27	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/09/21 08:23	09/09/21 20:27	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	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 19:50	1
Diesel Range Organics (Over C10-C28)	381		49.8		mg/Kg		09/08/21 16:18	09/09/21 19:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 19:50	1
Total TPH	381		49.8		mg/Kg		09/08/21 16:18	09/09/21 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/08/21 16:18	09/09/21 19:50	1
o-Terphenyl	102		70 - 130				09/08/21 16:18	09/09/21 19:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	237		5.04		mg/Kg			09/09/21 10:30	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

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

Lab Sample ID: 880-5873-13

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 20:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 20:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 20:48	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/09/21 08:23	09/09/21 20:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 20:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/09/21 08:23	09/09/21 20:48	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/09/21 08:23	09/09/21 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	09/09/21 08:23	09/09/21 20:48	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/09/21 08:23	09/09/21 20:48	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	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 20:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 20:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 20:11	1
Total TPH	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	09/08/21 16:18	09/09/21 20:11	1
o-Terphenyl	101		70 - 130	09/08/21 16:18	09/09/21 20:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.5		5.02		mg/Kg			09/09/21 10:35	1

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County 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)
880-5872-A-1-G MS	Matrix Spike	127	98
880-5872-A-1-H MSD	Matrix Spike Duplicate	113	90
880-5873-1	CS-1 (2')	124	106
880-5873-2	CS-2 (2')	120	100
880-5873-3	SW-1	126	101
880-5873-4	SW-2	138 S1+	111
880-5873-5	SW-3	98	88
880-5873-6	SW-4	136 S1+	96
880-5873-7	SW-5	133 S1+	105
880-5873-8	S-1 (0-1')	125	109
880-5873-9	S-1 (1-1.5')	111	96
880-5873-10	S-2 (0-1')	132 S1+	104
880-5873-11	S-2 91'-1.5')	141 S1+	102
880-5873-12	S-3 (0-1')	133 S1+	100
880-5873-13	S-3 (1'-1.5')	114	98
LCS 880-7677/1-A	Lab Control Sample	109	105
LCSD 880-7677/2-A	Lab Control Sample Dup	110	107
MB 880-7677/5-A	Method Blank	109	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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-5872-A-1-E MS	Matrix Spike	77	73
880-5872-A-1-F MSD	Matrix Spike Duplicate	81	79
880-5873-1	CS-1 (2')	79	82
880-5873-2	CS-2 (2')	85	91
880-5873-3	SW-1	90	96
880-5873-4	SW-2	99	104
880-5873-5	SW-3	86	89
880-5873-6	SW-4	85	92
880-5873-7	SW-5	85	91
880-5873-8	S-1 (0-1')	92	95
880-5873-9	S-1 (1-1.5')	84	87
880-5873-10	S-2 (0-1')	88	98
880-5873-11	S-2 91'-1.5')	85	90
880-5873-12	S-3 (0-1')	92	102
880-5873-13	S-3 (1'-1.5')	93	101
LCS 880-7666/2-A	Lab Control Sample	87	91
LCSD 880-7666/3-A	Lab Control Sample Dup	88	96
MB 880-7666/1-A	Method Blank	81	89
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global

Job ID: 880-5873-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-7677/5-A

Matrix: Solid

Analysis Batch: 7678

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/09/21 08:23	09/09/21 12:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	09/09/21 08:23	09/09/21 12:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/09/21 08:23	09/09/21 12:36	1

Lab Sample ID: LCS 880-7677/1-A

Matrix: Solid

Analysis Batch: 7678

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09391		mg/Kg		94	70 - 130
Toluene	0.100	0.08656		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08583		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1796		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08801		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-7677/2-A

Matrix: Solid

Analysis Batch: 7678

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7677

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09502		mg/Kg		95	70 - 130	1	35
Toluene	0.100	0.08751		mg/Kg		88	70 - 130	1	35
Ethylbenzene	0.100	0.08673		mg/Kg		87	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1794		mg/Kg		90	70 - 130	0	35
o-Xylene	0.100	0.08828		mg/Kg		88	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-5872-A-1-G MS

Matrix: Solid

Analysis Batch: 7678

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.0998	0.07280		mg/Kg		73	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

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

Lab Sample ID: 880-5872-A-1-G MS

Matrix: Solid

Analysis Batch: 7678

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U	0.0998	0.07977		mg/Kg		80	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.08996		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1841		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09066		mg/Kg		91	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	127		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: 880-5872-A-1-H MSD

Matrix: Solid

Analysis Batch: 7678

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0994	0.06534	F1	mg/Kg		66	70 - 130	11	35
Toluene	<0.00200	U	0.0994	0.07044		mg/Kg		71	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.0994	0.07977		mg/Kg		80	70 - 130	12	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1562		mg/Kg		79	70 - 130	16	35
o-Xylene	<0.00200	U	0.0994	0.07727		mg/Kg		78	70 - 130	16	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	113		70 - 130								
1,4-Difluorobenzene (Surr)	90		70 - 130								

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

Lab Sample ID: MB 880-7666/1-A

Matrix: Solid

Analysis Batch: 7687

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7666

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		09/08/21 16:18	09/09/21 11:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 11:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 11:43	1
Total TPH	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 11:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				09/08/21 16:18	09/09/21 11:43	1
o-Terphenyl	89		70 - 130				09/08/21 16:18	09/09/21 11:43	1

Lab Sample ID: LCS 880-7666/2-A

Matrix: Solid

Analysis Batch: 7687

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7666

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	797.7		mg/Kg		80	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-7666/2-A

Matrix: Solid

Analysis Batch: 7687

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7666

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
			Added	Result	Qualifier				Limits		
Diesel Range Organics (Over C10-C28)			1000	763.2		mg/Kg		76	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	91		70 - 130								

Lab Sample ID: LCSD 880-7666/3-A

Matrix: Solid

Analysis Batch: 7687

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7666

Top Data: Test 1										Top Data: Test 2	
Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
			Added	Result	Qualifier				Limits	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	747.0		mg/Kg		75	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	805.1		mg/Kg		81	70 - 130	5	20
Bottom Data: Test 1											
Surrogate	%Recovery		LCSD	LCSD							
			Qualifier	Limits							
1-Chlorooctane	88			70 - 130							
o-Terphenyl	96			70 - 130							

Lab Sample ID: 880-5872-A-1-E MS

Matrix: Solid

Analysis Batch: 7687

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7666

	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	995	727.1		mg/Kg		70	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	714.1		mg/Kg		72	70 - 130		

Lab Sample ID: 880-5872-A-1-F MSD

Matrix: Solid

Analysis Batch: 7687

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7666

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	752.2		mg/Kg		72	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	773.8		mg/Kg		78	70 - 130	8	20

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-7669/1-A

Matrix: Solid

Analysis Batch: 7674

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			09/09/21 07:53	1

Lab Sample ID: LCS 880-7669/2-A

Matrix: Solid

Analysis Batch: 7674

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	255.0		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-7669/3-A

Matrix: Solid

Analysis Batch: 7674

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	255.3		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-5873-5 MS

Matrix: Solid

Analysis Batch: 7674

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	20.4		249	275.5		mg/Kg		102	90 - 110

Lab Sample ID: 880-5873-5 MSD

Matrix: Solid

Analysis Batch: 7674

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	20.4		249	276.7		mg/Kg		103	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

GC VOA

Prep Batch: 7677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5873-1	CS-1 (2')	Total/NA	Solid	5035	
880-5873-2	CS-2 (2')	Total/NA	Solid	5035	
880-5873-3	SW-1	Total/NA	Solid	5035	
880-5873-4	SW-2	Total/NA	Solid	5035	
880-5873-5	SW-3	Total/NA	Solid	5035	
880-5873-6	SW-4	Total/NA	Solid	5035	
880-5873-7	SW-5	Total/NA	Solid	5035	
880-5873-8	S-1 (0-1')	Total/NA	Solid	5035	
880-5873-9	S-1 (1-1.5')	Total/NA	Solid	5035	
880-5873-10	S-2 (0-1')	Total/NA	Solid	5035	
880-5873-11	S-2 91'-1.5')	Total/NA	Solid	5035	
880-5873-12	S-3 (0-1')	Total/NA	Solid	5035	
880-5873-13	S-3 (1'-1.5')	Total/NA	Solid	5035	
MB 880-7677/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7677/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7677/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5872-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-5872-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 7678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5873-1	CS-1 (2')	Total/NA	Solid	8021B	7677
880-5873-2	CS-2 (2')	Total/NA	Solid	8021B	7677
880-5873-3	SW-1	Total/NA	Solid	8021B	7677
880-5873-4	SW-2	Total/NA	Solid	8021B	7677
880-5873-5	SW-3	Total/NA	Solid	8021B	7677
880-5873-6	SW-4	Total/NA	Solid	8021B	7677
880-5873-7	SW-5	Total/NA	Solid	8021B	7677
880-5873-8	S-1 (0-1')	Total/NA	Solid	8021B	7677
880-5873-9	S-1 (1-1.5')	Total/NA	Solid	8021B	7677
880-5873-10	S-2 (0-1')	Total/NA	Solid	8021B	7677
880-5873-11	S-2 91'-1.5')	Total/NA	Solid	8021B	7677
880-5873-12	S-3 (0-1')	Total/NA	Solid	8021B	7677
880-5873-13	S-3 (1'-1.5')	Total/NA	Solid	8021B	7677
MB 880-7677/5-A	Method Blank	Total/NA	Solid	8021B	7677
LCS 880-7677/1-A	Lab Control Sample	Total/NA	Solid	8021B	7677
LCSD 880-7677/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7677
880-5872-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	7677
880-5872-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	7677

GC Semi VOA

Prep Batch: 7666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5873-1	CS-1 (2')	Total/NA	Solid	8015NM Prep	
880-5873-2	CS-2 (2')	Total/NA	Solid	8015NM Prep	
880-5873-3	SW-1	Total/NA	Solid	8015NM Prep	
880-5873-4	SW-2	Total/NA	Solid	8015NM Prep	
880-5873-5	SW-3	Total/NA	Solid	8015NM Prep	
880-5873-6	SW-4	Total/NA	Solid	8015NM Prep	
880-5873-7	SW-5	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Prep Batch: 7666 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5873-8	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-5873-9	S-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-5873-10	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-5873-11	S-2 91'-1.5')	Total/NA	Solid	8015NM Prep	
880-5873-12	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-5873-13	S-3 (1'-1.5')	Total/NA	Solid	8015NM Prep	
MB 880-7666/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-7666/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-7666/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5872-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-5872-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 7687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5873-1	CS-1 (2')	Total/NA	Solid	8015B NM	7666
880-5873-2	CS-2 (2')	Total/NA	Solid	8015B NM	7666
880-5873-3	SW-1	Total/NA	Solid	8015B NM	7666
880-5873-4	SW-2	Total/NA	Solid	8015B NM	7666
880-5873-5	SW-3	Total/NA	Solid	8015B NM	7666
880-5873-6	SW-4	Total/NA	Solid	8015B NM	7666
880-5873-7	SW-5	Total/NA	Solid	8015B NM	7666
880-5873-8	S-1 (0-1')	Total/NA	Solid	8015B NM	7666
880-5873-9	S-1 (1-1.5')	Total/NA	Solid	8015B NM	7666
880-5873-10	S-2 (0-1')	Total/NA	Solid	8015B NM	7666
880-5873-11	S-2 91'-1.5')	Total/NA	Solid	8015B NM	7666
880-5873-12	S-3 (0-1')	Total/NA	Solid	8015B NM	7666
880-5873-13	S-3 (1'-1.5')	Total/NA	Solid	8015B NM	7666
MB 880-7666/1-A	Method Blank	Total/NA	Solid	8015B NM	7666
LCS 880-7666/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	7666
LCSD 880-7666/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	7666
880-5872-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	7666
880-5872-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	7666

HPLC/IC

Leach Batch: 7669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5873-1	CS-1 (2')	Soluble	Solid	DI Leach	
880-5873-2	CS-2 (2')	Soluble	Solid	DI Leach	
880-5873-3	SW-1	Soluble	Solid	DI Leach	
880-5873-4	SW-2	Soluble	Solid	DI Leach	
880-5873-5	SW-3	Soluble	Solid	DI Leach	
880-5873-6	SW-4	Soluble	Solid	DI Leach	
880-5873-7	SW-5	Soluble	Solid	DI Leach	
880-5873-8	S-1 (0-1')	Soluble	Solid	DI Leach	
880-5873-9	S-1 (1-1.5')	Soluble	Solid	DI Leach	
880-5873-10	S-2 (0-1')	Soluble	Solid	DI Leach	
880-5873-11	S-2 91'-1.5')	Soluble	Solid	DI Leach	
880-5873-12	S-3 (0-1')	Soluble	Solid	DI Leach	
880-5873-13	S-3 (1'-1.5')	Soluble	Solid	DI Leach	
MB 880-7669/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global

Job ID: 880-5873-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 7669 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-7669/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-7669/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5873-5 MS	SW-3	Soluble	Solid	DI Leach	
880-5873-5 MSD	SW-3	Soluble	Solid	DI Leach	

Analysis Batch: 7674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5873-1	CS-1 (2')	Soluble	Solid	300.0	7669
880-5873-2	CS-2 (2')	Soluble	Solid	300.0	7669
880-5873-3	SW-1	Soluble	Solid	300.0	7669
880-5873-4	SW-2	Soluble	Solid	300.0	7669
880-5873-5	SW-3	Soluble	Solid	300.0	7669
880-5873-6	SW-4	Soluble	Solid	300.0	7669
880-5873-7	SW-5	Soluble	Solid	300.0	7669
880-5873-8	S-1 (0-1')	Soluble	Solid	300.0	7669
880-5873-9	S-1 (1-1.5')	Soluble	Solid	300.0	7669
880-5873-10	S-2 (0-1')	Soluble	Solid	300.0	7669
880-5873-11	S-2 91'-1.5')	Soluble	Solid	300.0	7669
880-5873-12	S-3 (0-1')	Soluble	Solid	300.0	7669
880-5873-13	S-3 (1'-1.5')	Soluble	Solid	300.0	7669
MB 880-7669/1-A	Method Blank	Soluble	Solid	300.0	7669
LCS 880-7669/2-A	Lab Control Sample	Soluble	Solid	300.0	7669
LCSD 880-7669/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	7669
880-5873-5 MS	SW-3	Soluble	Solid	300.0	7669
880-5873-5 MSD	SW-3	Soluble	Solid	300.0	7669

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

Client Sample ID: CS-1 (2')

Lab Sample ID: 880-5873-1

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 15:41	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 15:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 09:06	CH	XEN MID

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-5873-2

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 16:02	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 15:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 09:11	CH	XEN MID

Client Sample ID: SW-1

Lab Sample ID: 880-5873-3

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 16:22	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 16:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 09:17	CH	XEN MID

Client Sample ID: SW-2

Lab Sample ID: 880-5873-4

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 17:44	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 16:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 09:23	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

Client Sample ID: SW-3

Lab Sample ID: 880-5873-5

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 18:05	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 17:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 09:28	CH	XEN MID

Client Sample ID: SW-4

Lab Sample ID: 880-5873-6

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 18:25	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 17:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 09:45	CH	XEN MID

Client Sample ID: SW-5

Lab Sample ID: 880-5873-7

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 18:45	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 18:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 09:51	CH	XEN MID

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

Lab Sample ID: 880-5873-8

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 19:06	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 18:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 10:07	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

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

Lab Sample ID: 880-5873-9

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 19:26	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 18:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 10:13	CH	XEN MID

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

Lab Sample ID: 880-5873-10

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 19:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 19:08	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		5			7674	09/09/21 10:19	CH	XEN MID

Client Sample ID: S-2 91'-1.5')

Lab Sample ID: 880-5873-11

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 20:07	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 19:29	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 10:24	CH	XEN MID

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

Lab Sample ID: 880-5873-12

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 20:27	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 19:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 10:30	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1
SDG: Eddy County NM

Client Sample ID: S-3 (1'-1.5')
Date Collected: 09/07/21 00:00
Date Received: 09/08/21 14:43

Lab Sample ID: 880-5873-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 20:48	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 20:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 10:35	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

Job ID: 880-5873-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County 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

Eurofins Xenco, Midland

Method Summary

Client: NT Global

Job ID: 880-5873-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County 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: Cookie Tosser #2 (08.19.21)

Job ID: 880-5873-1

SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-5873-1	CS-1 (2')	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-2	CS-2 (2')	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-3	SW-1	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-4	SW-2	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-5	SW-3	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-6	SW-4	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-7	SW-5	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-8	S-1 (0-1')	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-9	S-1 (1-1.5')	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-10	S-2 (0-1')	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-11	S-2 91'-1.5')	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-12	S-3 (0-1')	Solid	09/07/21 00:00	09/08/21 14:43
880-5873-13	S-3 (1'-1.5')	Solid	09/07/21 00:00	09/08/21 14:43



Chain of Custody



880-5873 Chain of Custody

o: 5873

Page 1 of 2

Project Manager	Mike Carmona	Bill to (if different)	Jacqu Harris
Company Name	NTG Environmental	Company Name	COG
Address	701 Tradewinds Blvd	Address	15 W Loving Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving, NM 88256
Phone	432-813-0263	Email	jacqui.harris@conocophillips.com

Project Name	Cookie Tosser #2 (08 19 21)	Turn Around	Pres. Code
Project Number	214633	☐ Routine ☒ Rush	
Project Location	Eddy Co, NM	Due Date	72 Hrs
Sampler's Name	CM	TAT starts the day received by the lab if received by 4 30pm	
PO #			

SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters
Received In tact:	Yes ☒ No ☐	Thermometer ID				BTEX 8021B
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor				TPH 8015M (GRO + DRO + MRO)
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading				Chloride 300.0
Total Containers:		Corrected Temperature:				

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments			
CS-1 (2)	9/7/2021		X		Comp	1	X	X	X											
CS-2 (2)	9/7/2021		X		Comp	1	X	X	X											
SW-1	9/7/2021		X		Comp	1	X	X	X											
SW-2	9/7/2021		X		Comp	1	X	X	X											
SW-3	9/7/2021		X		Comp	1	X	X	X											
SW-4	9/7/2021		X		Comp	1	X	X	X											
SW-5	9/7/2021		X		Comp	1	X	X	X											
S-1 (0-1')	9/7/2021		X		Grab/	1	X	X	X											
S-1 (1'-1.5')	9/7/2021		X		Grab/	1	X	X	X											
S-2 (0-1')	9/7/2021		X		Grab/	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>Mike Carmona</i>	<i>CM</i>	9/8/21 1443			2
					4
					6



Chain of Custody

Work Order No: 5873

Page 2 of 2

Project Manager	Mike Cairmona	Bill to (if different)	Jacqui Harris
Company Name	NTG Environmental	Company Name	COG
Address	701 Tradewinds BLVD	Address	15 W Loving Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving NM 88256
Phone	432-813-0263	Email	jacqui.harris@conocophillips.com

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

Project Name:		Cookie Tosser #2 (08 19 21)		Turn Around											
Project Number		214633		☐ Routine ☒ Rush											
Project Location		Eddy Co. NM		Due Date		72 Hrs									
Sampler's Name		CM		TAT starts the day received by the lab if received by 4 30pm											
PO #:															
SAMPLE RECEIPT		Temp Blank.		Yes (No)		Wet Ice.		Yes (No)							
Received intact		(Yes) No						18.8							
Cooler Custody Seals.		Yes No		N/A		Correction Factor		10.5							
Sample Custody Seals		Yes No		N/A		Temperature Reading		6.5							
Total Containers						Corrected Temperature.		6.0							
Parameters															
BTEX 8021B															
8015M (GRO + DRO + MRO)															
Chloride 300 0															
HOLD															
None NO				DI Water H ₂ O											
Cool Cool				MeOH Me											
HCL HC				HNO ₃ HN											
H ₂ SO ₄ H ₂				NaOH Na											
H ₃ PO ₄ HP															
NaHSO ₄ NABIS															
Na ₂ S ₂ O ₃ NaSO ₃															
Zn Acetate+NaOH Zn															
NaOH+Ascorbic Acid SAPC															

[illegible]

Additoinal Comments:

Notice: Signature of this document and realignment 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 \$35.00 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>Cyrus M. [Signature]</i>	<i>[Signature]</i>	9/8/21 1443	2		
3			4		
5			6		

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-5873-1

SDG Number: Eddy County NM

Login Number: 5873

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: 880-5872-1

Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Cookie Tosser #2 (08.19.21)

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:
9/10/2021 2:09:12 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: Cookie Tosser #2 (08.19.21)

Laboratory Job ID: 880-5872-1
SDG: Eddy County NM

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Definitions/Glossary

Client: NT Global

Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1

SDG: Eddy County 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: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

Job ID: 880-5872-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-5872-1

Receipt

The samples were received on 9/8/2021 2:43 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.0°C

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for Benzene were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

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

HPLC/IC

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

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

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

Lab Sample ID: 880-5872-1

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/09/21 08:23	09/09/21 12:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/09/21 08:23	09/09/21 12:58	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/09/21 08:23	09/09/21 12:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	09/09/21 08:23	09/09/21 12:58	1
1,4-Difluorobenzene (Surr)	91		70 - 130	09/09/21 08:23	09/09/21 12:58	1

Method: 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		09/08/21 16:18	09/09/21 12:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 12:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 12:46	1
Total TPH	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	09/08/21 16:18	09/09/21 12:46	1
o-Terphenyl	88		70 - 130	09/08/21 16:18	09/09/21 12:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.1		4.95		mg/Kg			09/09/21 08:10	1

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

Lab Sample ID: 880-5872-2

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 13:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/09/21 08:23	09/09/21 13:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/09/21 08:23	09/09/21 13:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 13:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/09/21 08:23	09/09/21 13:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 13:39	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/09/21 08:23	09/09/21 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	09/09/21 08:23	09/09/21 13:39	1
1,4-Difluorobenzene (Surr)	75		70 - 130	09/09/21 08:23	09/09/21 13:39	1

Method: 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		09/09/21 13:32	09/10/21 02:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

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

Lab Sample ID: 880-5872-2

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 13:32	09/10/21 02:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/09/21 13:32	09/10/21 02:50	1
Total TPH	<49.9	U	49.9		mg/Kg		09/09/21 13:32	09/10/21 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/09/21 13:32	09/10/21 02:50	1
o-Terphenyl	117		70 - 130				09/09/21 13:32	09/10/21 02:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.4		4.99		mg/Kg			09/09/21 08:26	1

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

Lab Sample ID: 880-5872-3

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 13:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 13:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 13:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/09/21 08:23	09/09/21 13:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 13:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/09/21 08:23	09/09/21 13:59	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/09/21 08:23	09/09/21 13:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				09/09/21 08:23	09/09/21 13:59	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/09/21 08:23	09/09/21 13:59	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	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 20:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 20:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 20:32	1
Total TPH	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/08/21 16:18	09/09/21 20:32	1
o-Terphenyl	97		70 - 130				09/08/21 16:18	09/09/21 20:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.3		5.01		mg/Kg			09/09/21 08:32	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global

Job ID: 880-5872-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

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

Lab Sample ID: 880-5872-4

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 14:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/09/21 08:23	09/09/21 14:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/09/21 08:23	09/09/21 14:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/09/21 08:23	09/09/21 14:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/09/21 08:23	09/09/21 14:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/09/21 08:23	09/09/21 14:20	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/09/21 08:23	09/09/21 14:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	09/09/21 08:23	09/09/21 14:20	1
1,4-Difluorobenzene (Surr)	102		70 - 130	09/09/21 08:23	09/09/21 14:20	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	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 14:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 14:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 14:33	1
Total TPH	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	09/08/21 16:18	09/09/21 14:33	1
o-Terphenyl	90		70 - 130	09/08/21 16:18	09/09/21 14:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.9		4.98		mg/Kg			09/09/21 08:38	1

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

Lab Sample ID: 880-5872-5

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 14:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 14:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 14:40	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/09/21 08:23	09/09/21 14:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/09/21 08:23	09/09/21 14:40	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/09/21 08:23	09/09/21 14:40	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/09/21 08:23	09/09/21 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	09/09/21 08:23	09/09/21 14:40	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/09/21 08:23	09/09/21 14:40	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	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 14:54	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

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

Lab Sample ID: 880-5872-5

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/08/21 16:18	09/09/21 14:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 14:54	1
Total TPH	<49.8	U	49.8		mg/Kg		09/08/21 16:18	09/09/21 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				09/08/21 16:18	09/09/21 14:54	1
o-Terphenyl	91		70 - 130				09/08/21 16:18	09/09/21 14:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.7		4.97		mg/Kg			09/09/21 08:43	1

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

Lab Sample ID: 880-5872-6

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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		09/09/21 08:23	09/09/21 15:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 15:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 15:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/09/21 08:23	09/09/21 15:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 15:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/09/21 08:23	09/09/21 15:00	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/09/21 08:23	09/09/21 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				09/09/21 08:23	09/09/21 15:00	1
1,4-Difluorobenzene (Surr)	105		70 - 130				09/09/21 08:23	09/09/21 15:00	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		09/08/21 16:18	09/09/21 15:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 15:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 15:15	1
Total TPH	<49.9	U	49.9		mg/Kg		09/08/21 16:18	09/09/21 15:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/08/21 16:18	09/09/21 15:15	1
o-Terphenyl	94		70 - 130				09/08/21 16:18	09/09/21 15:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.2		4.95		mg/Kg			09/09/21 09:00	1

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County 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)
880-5872-1	H-1 (0-6")	108	91
880-5872-1 MS	H-1 (0-6")	127	98
880-5872-1 MSD	H-1 (0-6")	113	90
880-5872-2	H-2 (0-6")	127	75
880-5872-3	H-3 (0-6")	126	103
880-5872-4	H-4 (0-6")	121	102
880-5872-5	H-5 (0-6")	119	99
880-5872-6	H-6 (0-6")	128	105
LCS 880-7677/1-A	Lab Control Sample	109	105
LCSD 880-7677/2-A	Lab Control Sample Dup	110	107
MB 880-7677/5-A	Method Blank	109	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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-5872-1	H-1 (0-6")	83	88
880-5872-1 MS	H-1 (0-6")	77	73
880-5872-1 MSD	H-1 (0-6")	81	79
880-5872-2	H-2 (0-6")	109	117
880-5872-3	H-3 (0-6")	88	97
880-5872-4	H-4 (0-6")	85	90
880-5872-5	H-5 (0-6")	84	91
880-5872-6	H-6 (0-6")	88	94
880-5902-A-22-F MS	Matrix Spike	110	104
880-5902-A-22-G MSD	Matrix Spike Duplicate	111	105
LCS 880-7666/2-A	Lab Control Sample	87	91
LCS 880-7705/2-A	Lab Control Sample	98	100
LCSD 880-7666/3-A	Lab Control Sample Dup	88	96
LCSD 880-7705/3-A	Lab Control Sample Dup	96	104
MB 880-7666/1-A	Method Blank	81	89
MB 880-7705/1-A	Method Blank	110	127
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global

Job ID: 880-5872-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-7677/5-A

Matrix: Solid

Analysis Batch: 7678

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/09/21 08:23	09/09/21 12:36	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/09/21 08:23	09/09/21 12:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	09/09/21 08:23	09/09/21 12:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/09/21 08:23	09/09/21 12:36	1

Lab Sample ID: LCS 880-7677/1-A

Matrix: Solid

Analysis Batch: 7678

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09391		mg/Kg		94	70 - 130
Toluene	0.100	0.08656		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08583		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1796		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08801		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-7677/2-A

Matrix: Solid

Analysis Batch: 7678

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7677

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09502		mg/Kg		95	70 - 130	1	35
Toluene	0.100	0.08751		mg/Kg		88	70 - 130	1	35
Ethylbenzene	0.100	0.08673		mg/Kg		87	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1794		mg/Kg		90	70 - 130	0	35
o-Xylene	0.100	0.08828		mg/Kg		88	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-5872-1 MS

Matrix: Solid

Analysis Batch: 7678

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

Prep Type: Total/NA

Prep Batch: 7677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.0998	0.07280		mg/Kg		73	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

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

Lab Sample ID: 880-5872-1 MS

Matrix: Solid

Analysis Batch: 7678

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

Prep Type: Total/NA

Prep Batch: 7677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U	0.0998	0.07977		mg/Kg		80	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.08996		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1841		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09066		mg/Kg		91	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	127		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: 880-5872-1 MSD

Matrix: Solid

Analysis Batch: 7678

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

Prep Type: Total/NA

Prep Batch: 7677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0994	0.06534	F1	mg/Kg		66	70 - 130	11	35
Toluene	<0.00200	U	0.0994	0.07044		mg/Kg		71	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.0994	0.07977		mg/Kg		80	70 - 130	12	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1562		mg/Kg		79	70 - 130	16	35
o-Xylene	<0.00200	U	0.0994	0.07727		mg/Kg		78	70 - 130	16	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	113		70 - 130								
1,4-Difluorobenzene (Surr)	90		70 - 130								

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

Lab Sample ID: MB 880-7666/1-A

Matrix: Solid

Analysis Batch: 7687

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7666

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		09/08/21 16:18	09/09/21 11:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 11:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 11:43	1
Total TPH	<50.0	U	50.0		mg/Kg		09/08/21 16:18	09/09/21 11:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				09/08/21 16:18	09/09/21 11:43	1
o-Terphenyl	89		70 - 130				09/08/21 16:18	09/09/21 11:43	1

Lab Sample ID: LCS 880-7666/2-A

Matrix: Solid

Analysis Batch: 7687

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7666

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	797.7		mg/Kg		80	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-7666/2-A

Matrix: Solid

Analysis Batch: 7687

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7666

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (Over C10-C28)	1000	763.2		mg/Kg		76	70 - 130

	LCS %Recovery	LCS Qualifier	Limits
Surrogate			
1-Chlorooctane	87		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: LCSD 880-7666/3-A

Matrix: Solid

Analysis Batch: 7687

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7666

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	747.0		mg/Kg		75	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	805.1		mg/Kg		81	70 - 130	5	20

	LCSD %Recovery	LCSD Qualifier	Limits
Surrogate			
1-Chlorooctane	88		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: 880-5872-1 MS

Matrix: Solid

Analysis Batch: 7687

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

Prep Type: Total/NA

Prep Batch: 7666

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	995	727.1		mg/Kg		70	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	714.1		mg/Kg		72	70 - 130

	MS %Recovery	MS Qualifier	Limits
Surrogate			
1-Chlorooctane	77		70 - 130
o-Terphenyl	73		70 - 130

Lab Sample ID: 880-5872-1 MSD

Matrix: Solid

Analysis Batch: 7687

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

Prep Type: Total/NA

Prep Batch: 7666

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	752.2		mg/Kg		72	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	773.8		mg/Kg		78	70 - 130	8	20

	MSD %Recovery	MSD Qualifier	Limits
Surrogate			
1-Chlorooctane	81		70 - 130
o-Terphenyl	79		70 - 130

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QC Sample Results

Client: NT Global

Job ID: 880-5872-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

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

Lab Sample ID: MB 880-7705/1-A

Matrix: Solid

Analysis Batch: 7689

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7705

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		09/09/21 13:31	09/09/21 21:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/09/21 13:31	09/09/21 21:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/09/21 13:31	09/09/21 21:14	1
Total TPH	<50.0	U	50.0		mg/Kg		09/09/21 13:31	09/09/21 21:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	09/09/21 13:31	09/09/21 21:14	1
o-Terphenyl	127		70 - 130	09/09/21 13:31	09/09/21 21:14	1

Lab Sample ID: LCS 880-7705/2-A

Matrix: Solid

Analysis Batch: 7689

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7705

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	872.0		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1018		mg/Kg		102	70 - 130

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

Lab Sample ID: LCSD 880-7705/3-A

Matrix: Solid

Analysis Batch: 7689

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7705

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	767.5		mg/Kg		77	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	1000	908.7		mg/Kg		91	70 - 130	11	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 880-5902-A-22-F MS

Matrix: Solid

Analysis Batch: 7689

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7705

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	997	944.7		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	997	1149		mg/Kg		114	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

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

Lab Sample ID: 880-5902-A-22-F MS

Matrix: Solid

Analysis Batch: 7689

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7705

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 880-5902-A-22-G MSD

Matrix: Solid

Analysis Batch: 7689

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7705

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	<49.7	U	999	1046		mg/Kg		102	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<49.7	U	999	1186		mg/Kg		117	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	105		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-7669/1-A

Matrix: Solid

Analysis Batch: 7674

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			09/09/21 07:53	1

Lab Sample ID: LCS 880-7669/2-A

Matrix: Solid

Analysis Batch: 7674

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	255.0		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-7669/3-A

Matrix: Solid

Analysis Batch: 7674

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	255.3		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-5872-1 MS

Matrix: Solid

Analysis Batch: 7674

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	47.1		248	300.1		mg/Kg		102	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-5872-1 MSD							Client Sample ID: H-1 (0-6")					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 7674												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit	
Chloride	47.1		248	300.5		mg/Kg		102	90 - 110	0	20	

QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

GC VOA

Prep Batch: 7677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5872-1	H-1 (0-6")	Total/NA	Solid	5035	
880-5872-2	H-2 (0-6")	Total/NA	Solid	5035	
880-5872-3	H-3 (0-6")	Total/NA	Solid	5035	
880-5872-4	H-4 (0-6")	Total/NA	Solid	5035	
880-5872-5	H-5 (0-6")	Total/NA	Solid	5035	
880-5872-6	H-6 (0-6")	Total/NA	Solid	5035	
MB 880-7677/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7677/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7677/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5872-1 MS	H-1 (0-6")	Total/NA	Solid	5035	
880-5872-1 MSD	H-1 (0-6")	Total/NA	Solid	5035	

Analysis Batch: 7678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5872-1	H-1 (0-6")	Total/NA	Solid	8021B	7677
880-5872-2	H-2 (0-6")	Total/NA	Solid	8021B	7677
880-5872-3	H-3 (0-6")	Total/NA	Solid	8021B	7677
880-5872-4	H-4 (0-6")	Total/NA	Solid	8021B	7677
880-5872-5	H-5 (0-6")	Total/NA	Solid	8021B	7677
880-5872-6	H-6 (0-6")	Total/NA	Solid	8021B	7677
MB 880-7677/5-A	Method Blank	Total/NA	Solid	8021B	7677
LCS 880-7677/1-A	Lab Control Sample	Total/NA	Solid	8021B	7677
LCSD 880-7677/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7677
880-5872-1 MS	H-1 (0-6")	Total/NA	Solid	8021B	7677
880-5872-1 MSD	H-1 (0-6")	Total/NA	Solid	8021B	7677

GC Semi VOA

Prep Batch: 7666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5872-1	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-5872-3	H-3 (0-6")	Total/NA	Solid	8015NM Prep	
880-5872-4	H-4 (0-6")	Total/NA	Solid	8015NM Prep	
880-5872-5	H-5 (0-6")	Total/NA	Solid	8015NM Prep	
880-5872-6	H-6 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-7666/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-7666/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-7666/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5872-1 MS	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-5872-1 MSD	H-1 (0-6")	Total/NA	Solid	8015NM Prep	

Analysis Batch: 7687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5872-1	H-1 (0-6")	Total/NA	Solid	8015B NM	7666
880-5872-3	H-3 (0-6")	Total/NA	Solid	8015B NM	7666
880-5872-4	H-4 (0-6")	Total/NA	Solid	8015B NM	7666
880-5872-5	H-5 (0-6")	Total/NA	Solid	8015B NM	7666
880-5872-6	H-6 (0-6")	Total/NA	Solid	8015B NM	7666
MB 880-7666/1-A	Method Blank	Total/NA	Solid	8015B NM	7666
LCS 880-7666/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	7666
LCSD 880-7666/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	7666

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QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Analysis Batch: 7687 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5872-1 MS	H-1 (0-6")	Total/NA	Solid	8015B NM	7666
880-5872-1 MSD	H-1 (0-6")	Total/NA	Solid	8015B NM	7666

Analysis Batch: 7689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5872-2	H-2 (0-6")	Total/NA	Solid	8015B NM	7705
MB 880-7705/1-A	Method Blank	Total/NA	Solid	8015B NM	7705
LCS 880-7705/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	7705
LCSD 880-7705/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	7705
880-5902-A-22-F MS	Matrix Spike	Total/NA	Solid	8015B NM	7705
880-5902-A-22-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	7705

Prep Batch: 7705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5872-2	H-2 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-7705/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-7705/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-7705/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5902-A-22-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-5902-A-22-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 7669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5872-1	H-1 (0-6")	Soluble	Solid	DI Leach	
880-5872-2	H-2 (0-6")	Soluble	Solid	DI Leach	
880-5872-3	H-3 (0-6")	Soluble	Solid	DI Leach	
880-5872-4	H-4 (0-6")	Soluble	Solid	DI Leach	
880-5872-5	H-5 (0-6")	Soluble	Solid	DI Leach	
880-5872-6	H-6 (0-6")	Soluble	Solid	DI Leach	
MB 880-7669/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-7669/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-7669/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5872-1 MS	H-1 (0-6")	Soluble	Solid	DI Leach	
880-5872-1 MSD	H-1 (0-6")	Soluble	Solid	DI Leach	

Analysis Batch: 7674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5872-1	H-1 (0-6")	Soluble	Solid	300.0	7669
880-5872-2	H-2 (0-6")	Soluble	Solid	300.0	7669
880-5872-3	H-3 (0-6")	Soluble	Solid	300.0	7669
880-5872-4	H-4 (0-6")	Soluble	Solid	300.0	7669
880-5872-5	H-5 (0-6")	Soluble	Solid	300.0	7669
880-5872-6	H-6 (0-6")	Soluble	Solid	300.0	7669
MB 880-7669/1-A	Method Blank	Soluble	Solid	300.0	7669
LCS 880-7669/2-A	Lab Control Sample	Soluble	Solid	300.0	7669
LCSD 880-7669/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	7669
880-5872-1 MS	H-1 (0-6")	Soluble	Solid	300.0	7669
880-5872-1 MSD	H-1 (0-6")	Soluble	Solid	300.0	7669

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

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

Lab Sample ID: 880-5872-1

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 12:58	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 12:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 08:10	CH	XEN MID

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

Lab Sample ID: 880-5872-2

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 13:39	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7705	09/09/21 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7689	09/10/21 02:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 08:26	CH	XEN MID

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

Lab Sample ID: 880-5872-3

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 13:59	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 20:32	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 08:32	CH	XEN MID

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

Lab Sample ID: 880-5872-4

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 14:20	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 14:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 08:38	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County NM

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

Lab Sample ID: 880-5872-5

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 14:40	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 14:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 08:43	CH	XEN MID

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

Lab Sample ID: 880-5872-6

Date Collected: 09/07/21 00:00

Matrix: Solid

Date Received: 09/08/21 14:43

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	7677	09/09/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7678	09/09/21 15:00	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7666	09/08/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7687	09/09/21 15:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7669	09/08/21 16:33	SC	XEN MID
Soluble	Analysis	300.0		1			7674	09/09/21 09:00	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: Cookie Tosser #2 (08.19.21)

Job ID: 880-5872-1
SDG: Eddy County 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

Job ID: 880-5872-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County 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

Job ID: 880-5872-1

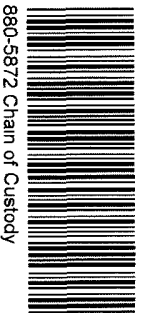
Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-5872-1	H-1 (0-6")	Solid	09/07/21 00:00	09/08/21 14:43
880-5872-2	H-2 (0-6")	Solid	09/07/21 00:00	09/08/21 14:43
880-5872-3	H-3 (0-6")	Solid	09/07/21 00:00	09/08/21 14:43
880-5872-4	H-4 (0-6")	Solid	09/07/21 00:00	09/08/21 14:43
880-5872-5	H-5 (0-6")	Solid	09/07/21 00:00	09/08/21 14:43
880-5872-6	H-6 (0-6")	Solid	09/07/21 00:00	09/08/21 14:43



Chain of Custody



880-5872 Chain of Custody

sr No:

5872

Page 1 of 1

Project Manager	Mike Carmona	Bill to (if different)	Jacqu Harris
Company Name	NTG Environmental	Company Name	COG
Address	701 Tradewinds Blvd	Address	15 W Loving Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving, NM 88256
Phone	432-813-0263	Email	jacqui.harris@conocophillips.com

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

Project Name	Cookie Tosser #2 (08 19 21)		Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	214633		☐ Routine ☒ Rush														None NO	DI Water H ₂ O		
Project Location	Eddy Co, NM		Due Date	72 Hrs													Cool Cool	MeOH Me		
Sampler's Name	CM		TAT starts the day received by the lab if received by 4:30pm														HCL HC	HNO ₃ HN		
PO #																	H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐													H ₃ PO ₄ HP			
Received Intact	Yes ☒ No ☐	Thermometer ID	10.5														NaHSO ₄ NABIS			
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor	5.5														Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading	6.0														Zn Acetate+NaOH Zn			
Total Containers			Corrected Temperature														NaOH+Ascorbic Acid SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
H-1 (0-6")	9/7/2021		X		G	1	X	X	X											
H-2 (0-6")	9/7/2021		X		G	1	X	X	X											
H-3 (0-6")	9/7/2021		X		G	1	X	X	X											
H-4 (0-6")	9/7/2021		X		G	1	X	X	X											
H-5 (0-6")	9/7/2021		X		G	1	X	X	X											
H-6 (0-6")	9/7/2021		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
<i>Emm Myland</i>	<i>ECF</i>	9/8/21 1443			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-5872-1

SDG Number: Eddy County NM

Login Number: 5872

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

Laboratory Job ID: 890-1456-1

Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Cookie Tosser #2 (08.19.21)

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:
10/25/2021 8:07:35 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: Cookie Tosser #2 (08.19.21)

Laboratory Job ID: 890-1456-1
SDG: Eddy County NM

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Definitions/Glossary

Client: NT Global

Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1

SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.

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

Eurofins Xenco, Carlsbad

Case Narrative

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Job ID: 890-1456-1**Laboratory: Eurofins Xenco, Carlsbad****Narrative****Job Narrative
890-1456-1****Receipt**

The samples were received on 10/20/2021 2:19 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: Surrogate recovery for the following samples were outside control limits: SW-6 (890-1456-1), SW-8 (890-1456-3) and SW-11 (890-1456-6). 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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-10271 and analytical batch 880-10313 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-6

Lab Sample ID: 890-1456-1

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/21/21 16:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:15	10/21/21 16:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:15	10/21/21 16:09	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/21/21 10:15	10/21/21 16:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:15	10/21/21 16:09	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/21/21 10:15	10/21/21 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	10/21/21 10:15	10/21/21 16:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/21/21 10:15	10/21/21 16:09	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			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:22	10/23/21 02:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/23/21 02:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/23/21 02:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	10/22/21 16:22	10/23/21 02:29	1
o-Terphenyl	108		70 - 130	10/22/21 16:22	10/23/21 02:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.47		4.95		mg/Kg			10/24/21 20:06	1

Client Sample ID: SW-7

Lab Sample ID: 890-1456-2

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/21/21 16:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 16:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 16:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/21/21 10:15	10/21/21 16:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 16:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/21 10:15	10/21/21 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	10/21/21 10:15	10/21/21 16:29	1
1,4-Difluorobenzene (Surr)	74		70 - 130	10/21/21 10:15	10/21/21 16:29	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-7

Lab Sample ID: 890-1456-2

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:22	10/23/21 02:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/23/21 02:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/23/21 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/22/21 16:22	10/23/21 02:50	1
o-Terphenyl	109		70 - 130				10/22/21 16:22	10/23/21 02:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.36		5.00		mg/Kg			10/24/21 20:13	1

Client Sample ID: SW-8

Lab Sample ID: 890-1456-3

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/21/21 16:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 16:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 16:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/21/21 16:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 16:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/21/21 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				10/21/21 10:15	10/21/21 16:50	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/21/21 10:15	10/21/21 16:50	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			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:22	10/23/21 03:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/23/21 03:11	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-8

Lab Sample ID: 890-1456-3

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/22/21 16:22	10/23/21 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/22/21 16:22	10/23/21 03:11	1
o-Terphenyl	112		70 - 130				10/22/21 16:22	10/23/21 03:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		4.95		mg/Kg			10/24/21 20:20	1

Client Sample ID: SW-9

Lab Sample ID: 890-1456-4

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/21/21 17:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 17:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 17:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/21/21 17:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 17:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/21/21 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				10/21/21 10:15	10/21/21 17:10	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/21/21 10:15	10/21/21 17:10	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			10/25/21 20:52	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			10/25/21 20:48	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	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/23/21 03:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/23/21 03:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/23/21 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				10/22/21 16:22	10/23/21 03:32	1
o-Terphenyl	111		70 - 130				10/22/21 16:22	10/23/21 03:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.92		5.04		mg/Kg			10/24/21 20:27	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-10

Lab Sample ID: 890-1456-5

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/21/21 17:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 17:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 17:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/21/21 10:15	10/21/21 17:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 17:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/21/21 10:15	10/21/21 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	10/21/21 10:15	10/21/21 17:30	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/21/21 10:15	10/21/21 17:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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 F1	49.9		mg/Kg		10/22/21 16:32	10/23/21 22:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		10/22/21 16:32	10/23/21 22:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:32	10/23/21 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	10/22/21 16:32	10/23/21 22:17	1
o-Terphenyl	86		70 - 130	10/22/21 16:32	10/23/21 22:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.65		4.99		mg/Kg			10/25/21 08:07	1

Client Sample ID: SW-11

Lab Sample ID: 890-1456-6

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/21/21 17:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/21/21 17:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/21/21 17:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/21/21 17:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/21/21 17:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/21/21 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	10/21/21 10:15	10/21/21 17:51	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/21/21 10:15	10/21/21 17:51	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-11

Lab Sample ID: 890-1456-6

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:32	10/23/21 23:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:32	10/23/21 23:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:32	10/23/21 23:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				10/22/21 16:32	10/23/21 23:19	1
o-Terphenyl	98		70 - 130				10/22/21 16:32	10/23/21 23:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.21		5.00		mg/Kg			10/25/21 08:14	1

Client Sample ID: SW-12

Lab Sample ID: 890-1456-7

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/21/21 18:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:15	10/21/21 18:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:15	10/21/21 18:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/21/21 10:15	10/21/21 18:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:15	10/21/21 18:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/21/21 10:15	10/21/21 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				10/21/21 10:15	10/21/21 18:11	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/21/21 10:15	10/21/21 18:11	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			10/25/21 20:52	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			10/25/21 20:48	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	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/23/21 23:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/23/21 23:40	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-12

Lab Sample ID: 890-1456-7

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/22/21 16:32	10/23/21 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				10/22/21 16:32	10/23/21 23:40	1
o-Terphenyl	85		70 - 130				10/22/21 16:32	10/23/21 23:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.01		5.00		mg/Kg			10/25/21 08:35	1

Client Sample ID: SW-13

Lab Sample ID: 890-1456-8

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/21/21 18:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 18:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 18:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/21/21 10:15	10/21/21 18:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 18:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/21/21 10:15	10/21/21 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				10/21/21 10:15	10/21/21 18:32	1
1,4-Difluorobenzene (Surr)	88		70 - 130				10/21/21 10:15	10/21/21 18:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/24/21 00:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/24/21 00:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/24/21 00:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				10/22/21 16:32	10/24/21 00:01	1
o-Terphenyl	89		70 - 130				10/22/21 16:32	10/24/21 00:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.64		4.98		mg/Kg			10/25/21 08:41	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-14

Lab Sample ID: 890-1456-9

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/21/21 18:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 18:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 18:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/21/21 10:15	10/21/21 18:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 18:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/21/21 10:15	10/21/21 18:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	10/21/21 10:15	10/21/21 18:52	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/21/21 10:15	10/21/21 18:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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	<49.8	U	49.8		mg/Kg		10/22/21 16:32	10/24/21 00:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/22/21 16:32	10/24/21 00:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/22/21 16:32	10/24/21 00:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	10/22/21 16:32	10/24/21 00:22	1
o-Terphenyl	85		70 - 130	10/22/21 16:32	10/24/21 00:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.83		4.95		mg/Kg			10/25/21 08:48	1

Client Sample ID: SW-15

Lab Sample ID: 890-1456-10

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/21/21 19:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:15	10/21/21 19:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:15	10/21/21 19:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/21/21 10:15	10/21/21 19:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:15	10/21/21 19:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/21/21 10:15	10/21/21 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	10/21/21 10:15	10/21/21 19:12	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/21/21 10:15	10/21/21 19:12	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-15

Lab Sample ID: 890-1456-10

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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			10/25/21 20:52	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			10/25/21 20:48	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	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/24/21 00:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/24/21 00:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/24/21 00:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				10/22/21 16:32	10/24/21 00:43	1
o-Terphenyl	88		70 - 130				10/22/21 16:32	10/24/21 00:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.81		4.97		mg/Kg			10/25/21 08:55	1

Client Sample ID: SW-16

Lab Sample ID: 890-1456-11

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/22/21 15:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 15:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 15:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 15:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 15:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/21/21 10:15	10/22/21 15:31	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/21/21 10:15	10/22/21 15:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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	<49.8	U	49.8		mg/Kg		10/22/21 16:32	10/24/21 01:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/22/21 16:32	10/24/21 01:03	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-16

Lab Sample ID: 890-1456-11

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/22/21 16:32	10/24/21 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				10/22/21 16:32	10/24/21 01:03	1
o-Terphenyl	97		70 - 130				10/22/21 16:32	10/24/21 01:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.88		4.99		mg/Kg			10/25/21 09:02	1

Client Sample ID: SW-17

Lab Sample ID: 890-1456-12

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/22/21 15:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 15:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 15:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 15:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 15:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 15:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/21/21 10:15	10/22/21 15:57	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/21/21 10:15	10/22/21 15:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/24/21 01:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/24/21 01:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/24/21 01:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				10/22/21 16:32	10/24/21 01:24	1
o-Terphenyl	97		70 - 130				10/22/21 16:32	10/24/21 01:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.68		5.05		mg/Kg			10/25/21 09:09	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-18

Lab Sample ID: 890-1456-13

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/22/21 16:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 16:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 16:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 16:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 16:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/21/21 10:15	10/22/21 16:24	1
1,4-Difluorobenzene (Surr)	109		70 - 130	10/21/21 10:15	10/22/21 16:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:32	10/24/21 01:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:32	10/24/21 01:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:32	10/24/21 01:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	10/22/21 16:32	10/24/21 01:45	1
o-Terphenyl	93		70 - 130	10/22/21 16:32	10/24/21 01:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.47		5.02		mg/Kg			10/25/21 09:16	1

Client Sample ID: SW-19

Lab Sample ID: 890-1456-14

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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		10/21/21 10:15	10/22/21 16:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:15	10/22/21 16:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:15	10/22/21 16:50	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/21/21 10:15	10/22/21 16:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:15	10/22/21 16:50	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/21/21 10:15	10/22/21 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/21/21 10:15	10/22/21 16:50	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/21/21 10:15	10/22/21 16:50	1

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Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-19

Lab Sample ID: 890-1456-14

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:32	10/24/21 02:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:32	10/24/21 02:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:32	10/24/21 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				10/22/21 16:32	10/24/21 02:06	1
o-Terphenyl	87		70 - 130				10/22/21 16:32	10/24/21 02:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6440		49.7		mg/Kg			10/24/21 01:09	10

Surrogate Summary

Client: NT Global

Job ID: 890-1456-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County 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)
890-1455-A-21-B MSD	Matrix Spike Duplicate	78	78
890-1455-A-21-D MS	Matrix Spike	102	107
890-1456-1	SW-6	139 S1+	98
890-1456-1 MS	SW-6	121	112
890-1456-1 MSD	SW-6	121	85
890-1456-2	SW-7	125	74
890-1456-3	SW-8	142 S1+	87
890-1456-4	SW-9	117	87
890-1456-5	SW-10	119	103
890-1456-6	SW-11	150 S1+	101
890-1456-7	SW-12	126	105
890-1456-8	SW-13	129	88
890-1456-9	SW-14	72	94
890-1456-10	SW-15	85	104
890-1456-11	SW-16	106	109
890-1456-12	SW-17	105	108
890-1456-13	SW-18	106	109
890-1456-14	SW-19	103	106
LCS 880-10035/1-A	Lab Control Sample	98	97
LCS 880-10041/1-A	Lab Control Sample	109	102
LCSD 880-10035/2-A	Lab Control Sample Dup	106	113
LCSD 880-10041/2-A	Lab Control Sample Dup	110	93
MB 880-10035/5-A	Method Blank	67 S1-	93
MB 880-10041/5-A	Method Blank	106	99
MB 880-9956/5-A	Method Blank	68 S1-	89

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1455-A-21-I MS	Matrix Spike	119	106
890-1455-A-21-J MSD	Matrix Spike Duplicate	114	104
890-1456-1	SW-6	104	108
890-1456-2	SW-7	107	109
890-1456-3	SW-8	108	112
890-1456-4	SW-9	110	111
890-1456-5	SW-10	80	86
890-1456-5 MS	SW-10	72	76
890-1456-5 MSD	SW-10	75	80
890-1456-6	SW-11	86	98
890-1456-7	SW-12	79	85
890-1456-8	SW-13	84	89
890-1456-9	SW-14	79	85
890-1456-10	SW-15	82	88

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Surrogate Summary

Client: NT Global

Job ID: 890-1456-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1456-11	SW-16	85	97
890-1456-12	SW-17	88	97
890-1456-13	SW-18	86	93
890-1456-14	SW-19	81	87
LCS 880-10268/2-A	Lab Control Sample	99	95
LCS 880-10271/2-A	Lab Control Sample	83	92
LCSD 880-10268/3-A	Lab Control Sample Dup	100	92
LCSD 880-10271/3-A	Lab Control Sample Dup	82	89
MB 880-10268/1-A	Method Blank	134 S1+	153 S1+
MB 880-10271/1-A	Method Blank	104	128
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-10035/5-A

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10035

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 06:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 06:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 06:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/22/21 06:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 06:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/22/21 06:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	10/21/21 10:15	10/22/21 06:34	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/21/21 10:15	10/22/21 06:34	1

Lab Sample ID: LCS 880-10035/1-A

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10035

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08255		mg/Kg		83	70 - 130
Toluene	0.100	0.09414		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09201		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1814		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09406		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-10035/2-A

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10035

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08993		mg/Kg		90	70 - 130	9	35
Toluene	0.100	0.09772		mg/Kg		98	70 - 130	4	35
Ethylbenzene	0.100	0.09576		mg/Kg		96	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1902		mg/Kg		95	70 - 130	5	35
o-Xylene	0.100	0.09860		mg/Kg		99	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 890-1455-A-21-B MSD

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 10035

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.0998	<0.00200	U F1 F2	mg/Kg		0.9	70 - 130	194	35
Toluene	<0.00200	U F1 F2	0.0998	<0.00200	U F1 F2	mg/Kg		1	70 - 130	194	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1455-A-21-B MSD

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 10035

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	<0.00200	U F1 F2	0.0998	<0.00200	U F1 F2	mg/Kg		0.9	70 - 130	195	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	<0.00399	U F1 F2	mg/Kg		0.9	70 - 130	195	35
o-Xylene	<0.00200	U F1 F2	0.0998	<0.00200	U F1 F2	mg/Kg		2	70 - 130	191	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	78		70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: 890-1455-A-21-D MS

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 10035

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1 F2	0.101	0.06685	F1	mg/Kg		66	70 - 130
Toluene	<0.00200	U F1 F2	0.101	0.07421		mg/Kg		74	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.101	0.07451		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.201	0.1461		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U F1 F2	0.101	0.07598		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-10041/5-A

Matrix: Solid

Analysis Batch: 10083

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10041

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 15:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 15:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 15:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/21/21 15:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/21/21 15:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/21/21 15:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/21/21 10:15	10/21/21 15:47	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/21/21 10:15	10/21/21 15:47	1

Lab Sample ID: LCS 880-10041/1-A

Matrix: Solid

Analysis Batch: 10083

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10041

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08697		mg/Kg		87	70 - 130
Toluene	0.100	0.08587		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.08675		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1814		mg/Kg		91	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-10041/1-A

Matrix: Solid

Analysis Batch: 10083

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10041

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.08832		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-10041/2-A

Matrix: Solid

Analysis Batch: 10083

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10041

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08674		mg/Kg		87	70 - 130	0	35
Toluene	0.100	0.08951		mg/Kg		90	70 - 130	4	35
Ethylbenzene	0.100	0.08985		mg/Kg		90	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1897		mg/Kg		95	70 - 130	5	35
o-Xylene	0.100	0.09454		mg/Kg		95	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-1456-1 MSD

Matrix: Solid

Analysis Batch: 10083

Client Sample ID: SW-6

Prep Type: Total/NA

Prep Batch: 10041

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.05173		mg/Kg					
Toluene	<0.00202	U	0.100	0.07158		mg/Kg					
Ethylbenzene	<0.00202	U	0.100	0.07812		mg/Kg					
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1557		mg/Kg					
o-Xylene	<0.00202	U	0.100	0.07460		mg/Kg					

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 890-1456-1 MS

Matrix: Solid

Analysis Batch: 10083

Client Sample ID: SW-6

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-9956/5-A

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/20/21 11:01	10/21/21 17:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/20/21 11:01	10/21/21 17:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/20/21 11:01	10/21/21 17:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/20/21 11:01	10/21/21 17:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/20/21 11:01	10/21/21 17:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/20/21 11:01	10/21/21 17:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130	10/20/21 11:01	10/21/21 17:16	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/20/21 11:01	10/21/21 17:16	1

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

Lab Sample ID: MB 880-10268/1-A

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10268

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		10/22/21 16:22	10/22/21 18:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 18:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 18:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	10/22/21 16:22	10/22/21 18:45	1
o-Terphenyl	153	S1+	70 - 130	10/22/21 16:22	10/22/21 18:45	1

Lab Sample ID: LCS 880-10268/2-A

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	868.1		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1065		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: LCSD 880-10268/3-A

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10268

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	893.6		mg/Kg		89	70 - 130	3	20

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QC Sample Results

Client: NT Global

Job ID: 890-1456-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-10268/3-A

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10268

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Diesel Range Organics (Over C10-C28)	1000	1101		mg/Kg		110	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	100		70 - 130						
o-Terphenyl	92		70 - 130						

Lab Sample ID: 890-1455-A-21-I MS

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 10268

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	838.0		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1033		mg/Kg		104	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	119		70 - 130								
o-Terphenyl	106		70 - 130								

Lab Sample ID: 890-1455-A-21-J MSD

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 10268

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	809.5		mg/Kg		78	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	996.8		mg/Kg		100	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	114		70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: MB 880-10271/1-A

Matrix: Solid

Analysis Batch: 10313

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10271

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		10/22/21 16:32	10/23/21 21:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/23/21 21:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:32	10/23/21 21:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	104		70 - 130						
o-Terphenyl	128		70 - 130						

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QC Sample Results

Client: NT Global

Job ID: 890-1456-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

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

Lab Sample ID: LCS 880-10271/2-A

Matrix: Solid

Analysis Batch: 10313

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	848.8		mg/Kg		85		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	922.7		mg/Kg		92		70 - 130		

Lab Sample ID: LCSD 880-10271/3-A

Matrix: Solid

Analysis Batch: 10313

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10271

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	833.9		mg/Kg		83	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	898.5		mg/Kg		90	70 - 130	3	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	82		70 - 130								
o-Terphenyl	89		70 - 130								

Lab Sample ID: 890-1456-5 MS

Matrix: Solid

Analysis Batch: 10313

Client Sample ID: SW-10

Prep Type: Total/NA

Prep Batch: 10271

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	997	<49.9	U F1	mg/Kg		0	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	<49.9	U F1	mg/Kg		0	70 - 130		
</											

Lab Sample ID: 890-1456-5 MSD

Matrix: Solid

Analysis Batch: 10313

Client Sample ID: SW-10

Prep Type: Total/NA

Prep Batch: 10271

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	1000	<50.0	U F1	mg/Kg		0	70 - 130	NC	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	<50.0	U F1	mg/Kg		0	70 - 130	NC	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	75		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1456-5 MSD

Matrix: Solid

Analysis Batch: 10313

Client Sample ID: SW-10

Prep Type: Total/NA

Prep Batch: 10271

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	80		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-10126/1-A

Matrix: Solid

Analysis Batch: 10323

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			10/24/21 18:29		1

Lab Sample ID: LCS 880-10126/2-A

Matrix: Solid

Analysis Batch: 10323

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	247.4		mg/Kg		99	90 - 110	

Lab Sample ID: LCSD 880-10126/3-A

Matrix: Solid

Analysis Batch: 10323

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	247.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 890-1456-4 MS

Matrix: Solid

Analysis Batch: 10323

Client Sample ID: SW-9

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	6.92		252	263.6		mg/Kg		102	90 - 110	

Lab Sample ID: 890-1456-4 MSD

Matrix: Solid

Analysis Batch: 10323

Client Sample ID: SW-9

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	6.92		252	256.3		mg/Kg		99	90 - 110	3	20

Lab Sample ID: MB 880-10207/1-A

Matrix: Solid

Analysis Batch: 10324

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			10/23/21 22:44		1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: NT Global

Job ID: 890-1456-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-10207/2-A

Matrix: Solid

Analysis Batch: 10324

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	243.0		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-10207/3-A

Matrix: Solid

Analysis Batch: 10324

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	243.0		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-7421-A-20-B MS

Matrix: Solid

Analysis Batch: 10324

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	1900		1250	3191		mg/Kg		103	90 - 110

Lab Sample ID: 880-7421-A-20-C MSD

Matrix: Solid

Analysis Batch: 10324

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	1900		1250	3186		mg/Kg		103	90 - 110	0	20

Eurofins Xenco, Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

GC VOA

Prep Batch: 9956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-9956/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 10035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-11	SW-16	Total/NA	Solid	5035	
890-1456-12	SW-17	Total/NA	Solid	5035	
890-1456-13	SW-18	Total/NA	Solid	5035	
890-1456-14	SW-19	Total/NA	Solid	5035	
MB 880-10035/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-10035/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-10035/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1455-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	
890-1455-A-21-D MS	Matrix Spike	Total/NA	Solid	5035	

Prep Batch: 10041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-1	SW-6	Total/NA	Solid	5035	
890-1456-2	SW-7	Total/NA	Solid	5035	
890-1456-3	SW-8	Total/NA	Solid	5035	
890-1456-4	SW-9	Total/NA	Solid	5035	
890-1456-5	SW-10	Total/NA	Solid	5035	
890-1456-6	SW-11	Total/NA	Solid	5035	
890-1456-7	SW-12	Total/NA	Solid	5035	
890-1456-8	SW-13	Total/NA	Solid	5035	
890-1456-9	SW-14	Total/NA	Solid	5035	
890-1456-10	SW-15	Total/NA	Solid	5035	
MB 880-10041/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-10041/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-10041/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1456-1 MSD	SW-6	Total/NA	Solid	5035	

Analysis Batch: 10083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-1	SW-6	Total/NA	Solid	8021B	10041
890-1456-2	SW-7	Total/NA	Solid	8021B	10041
890-1456-3	SW-8	Total/NA	Solid	8021B	10041
890-1456-4	SW-9	Total/NA	Solid	8021B	10041
890-1456-5	SW-10	Total/NA	Solid	8021B	10041
890-1456-6	SW-11	Total/NA	Solid	8021B	10041
890-1456-7	SW-12	Total/NA	Solid	8021B	10041
890-1456-8	SW-13	Total/NA	Solid	8021B	10041
890-1456-9	SW-14	Total/NA	Solid	8021B	10041
890-1456-10	SW-15	Total/NA	Solid	8021B	10041
MB 880-10041/5-A	Method Blank	Total/NA	Solid	8021B	10041
LCS 880-10041/1-A	Lab Control Sample	Total/NA	Solid	8021B	10041
LCSD 880-10041/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	10041
890-1456-1 MS	SW-6	Total/NA	Solid	8021B	
890-1456-1 MSD	SW-6	Total/NA	Solid	8021B	10041

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QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

GC VOA

Analysis Batch: 10115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-11	SW-16	Total/NA	Solid	8021B	10035
890-1456-12	SW-17	Total/NA	Solid	8021B	10035
890-1456-13	SW-18	Total/NA	Solid	8021B	10035
890-1456-14	SW-19	Total/NA	Solid	8021B	10035
MB 880-10035/5-A	Method Blank	Total/NA	Solid	8021B	10035
MB 880-9956/5-A	Method Blank	Total/NA	Solid	8021B	9956
LCS 880-10035/1-A	Lab Control Sample	Total/NA	Solid	8021B	10035
LCSD 880-10035/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	10035
890-1455-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	10035
890-1455-A-21-D MS	Matrix Spike	Total/NA	Solid	8021B	10035

Analysis Batch: 10550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-1	SW-6	Total/NA	Solid	Total BTEX	
890-1456-2	SW-7	Total/NA	Solid	Total BTEX	
890-1456-3	SW-8	Total/NA	Solid	Total BTEX	
890-1456-4	SW-9	Total/NA	Solid	Total BTEX	
890-1456-5	SW-10	Total/NA	Solid	Total BTEX	
890-1456-6	SW-11	Total/NA	Solid	Total BTEX	
890-1456-7	SW-12	Total/NA	Solid	Total BTEX	
890-1456-8	SW-13	Total/NA	Solid	Total BTEX	
890-1456-9	SW-14	Total/NA	Solid	Total BTEX	
890-1456-10	SW-15	Total/NA	Solid	Total BTEX	
890-1456-11	SW-16	Total/NA	Solid	Total BTEX	
890-1456-12	SW-17	Total/NA	Solid	Total BTEX	
890-1456-13	SW-18	Total/NA	Solid	Total BTEX	
890-1456-14	SW-19	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 10165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-1	SW-6	Total/NA	Solid	8015B NM	10268
890-1456-2	SW-7	Total/NA	Solid	8015B NM	10268
890-1456-3	SW-8	Total/NA	Solid	8015B NM	10268
890-1456-4	SW-9	Total/NA	Solid	8015B NM	10268
MB 880-10268/1-A	Method Blank	Total/NA	Solid	8015B NM	10268
LCS 880-10268/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	10268
LCSD 880-10268/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	10268
890-1455-A-21-I MS	Matrix Spike	Total/NA	Solid	8015B NM	10268
890-1455-A-21-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	10268

Prep Batch: 10268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-1	SW-6	Total/NA	Solid	8015NM Prep	
890-1456-2	SW-7	Total/NA	Solid	8015NM Prep	
890-1456-3	SW-8	Total/NA	Solid	8015NM Prep	
890-1456-4	SW-9	Total/NA	Solid	8015NM Prep	
MB 880-10268/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-10268/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-10268/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global

Job ID: 890-1456-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

GC Semi VOA (Continued)

Prep Batch: 10268 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-A-21-I MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1455-A-21-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 10271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-5	SW-10	Total/NA	Solid	8015NM Prep	
890-1456-6	SW-11	Total/NA	Solid	8015NM Prep	
890-1456-7	SW-12	Total/NA	Solid	8015NM Prep	
890-1456-8	SW-13	Total/NA	Solid	8015NM Prep	
890-1456-9	SW-14	Total/NA	Solid	8015NM Prep	
890-1456-10	SW-15	Total/NA	Solid	8015NM Prep	
890-1456-11	SW-16	Total/NA	Solid	8015NM Prep	
890-1456-12	SW-17	Total/NA	Solid	8015NM Prep	
890-1456-13	SW-18	Total/NA	Solid	8015NM Prep	
890-1456-14	SW-19	Total/NA	Solid	8015NM Prep	
MB 880-10271/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-10271/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-10271/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1456-5 MS	SW-10	Total/NA	Solid	8015NM Prep	
890-1456-5 MSD	SW-10	Total/NA	Solid	8015NM Prep	

Analysis Batch: 10313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-5	SW-10	Total/NA	Solid	8015B NM	10271
890-1456-6	SW-11	Total/NA	Solid	8015B NM	10271
890-1456-7	SW-12	Total/NA	Solid	8015B NM	10271
890-1456-8	SW-13	Total/NA	Solid	8015B NM	10271
890-1456-9	SW-14	Total/NA	Solid	8015B NM	10271
890-1456-10	SW-15	Total/NA	Solid	8015B NM	10271
890-1456-11	SW-16	Total/NA	Solid	8015B NM	10271
890-1456-12	SW-17	Total/NA	Solid	8015B NM	10271
890-1456-13	SW-18	Total/NA	Solid	8015B NM	10271
890-1456-14	SW-19	Total/NA	Solid	8015B NM	10271
MB 880-10271/1-A	Method Blank	Total/NA	Solid	8015B NM	10271
LCS 880-10271/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	10271
LCSD 880-10271/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	10271
890-1456-5 MS	SW-10	Total/NA	Solid	8015B NM	10271
890-1456-5 MSD	SW-10	Total/NA	Solid	8015B NM	10271

Analysis Batch: 10549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-1	SW-6	Total/NA	Solid	8015 NM	
890-1456-2	SW-7	Total/NA	Solid	8015 NM	
890-1456-3	SW-8	Total/NA	Solid	8015 NM	
890-1456-4	SW-9	Total/NA	Solid	8015 NM	
890-1456-5	SW-10	Total/NA	Solid	8015 NM	
890-1456-6	SW-11	Total/NA	Solid	8015 NM	
890-1456-7	SW-12	Total/NA	Solid	8015 NM	
890-1456-8	SW-13	Total/NA	Solid	8015 NM	
890-1456-9	SW-14	Total/NA	Solid	8015 NM	
890-1456-10	SW-15	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Analysis Batch: 10549 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-11	SW-16	Total/NA	Solid	8015 NM	
890-1456-12	SW-17	Total/NA	Solid	8015 NM	
890-1456-13	SW-18	Total/NA	Solid	8015 NM	
890-1456-14	SW-19	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 10126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-1	SW-6	Soluble	Solid	DI Leach	
890-1456-2	SW-7	Soluble	Solid	DI Leach	
890-1456-3	SW-8	Soluble	Solid	DI Leach	
890-1456-4	SW-9	Soluble	Solid	DI Leach	
890-1456-5	SW-10	Soluble	Solid	DI Leach	
890-1456-6	SW-11	Soluble	Solid	DI Leach	
890-1456-7	SW-12	Soluble	Solid	DI Leach	
890-1456-8	SW-13	Soluble	Solid	DI Leach	
890-1456-9	SW-14	Soluble	Solid	DI Leach	
890-1456-10	SW-15	Soluble	Solid	DI Leach	
890-1456-11	SW-16	Soluble	Solid	DI Leach	
890-1456-12	SW-17	Soluble	Solid	DI Leach	
890-1456-13	SW-18	Soluble	Solid	DI Leach	
MB 880-10126/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-10126/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-10126/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1456-4 MS	SW-9	Soluble	Solid	DI Leach	
890-1456-4 MSD	SW-9	Soluble	Solid	DI Leach	

Leach Batch: 10207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-14	SW-19	Soluble	Solid	DI Leach	
MB 880-10207/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-10207/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-10207/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-7421-A-20-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-7421-A-20-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 10323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-1	SW-6	Soluble	Solid	300.0	10126
890-1456-2	SW-7	Soluble	Solid	300.0	10126
890-1456-3	SW-8	Soluble	Solid	300.0	10126
890-1456-4	SW-9	Soluble	Solid	300.0	10126
890-1456-5	SW-10	Soluble	Solid	300.0	10126
890-1456-6	SW-11	Soluble	Solid	300.0	10126
890-1456-7	SW-12	Soluble	Solid	300.0	10126
890-1456-8	SW-13	Soluble	Solid	300.0	10126
890-1456-9	SW-14	Soluble	Solid	300.0	10126
890-1456-10	SW-15	Soluble	Solid	300.0	10126
890-1456-11	SW-16	Soluble	Solid	300.0	10126
890-1456-12	SW-17	Soluble	Solid	300.0	10126

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QC Association Summary

Client: NT Global

Job ID: 890-1456-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 10323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-13	SW-18	Soluble	Solid	300.0	10126
MB 880-10126/1-A	Method Blank	Soluble	Solid	300.0	10126
LCS 880-10126/2-A	Lab Control Sample	Soluble	Solid	300.0	10126
LCSD 880-10126/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	10126
890-1456-4 MS	SW-9	Soluble	Solid	300.0	10126
890-1456-4 MSD	SW-9	Soluble	Solid	300.0	10126

Analysis Batch: 10324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1456-14	SW-19	Soluble	Solid	300.0	10207
MB 880-10207/1-A	Method Blank	Soluble	Solid	300.0	10207
LCS 880-10207/2-A	Lab Control Sample	Soluble	Solid	300.0	10207
LCSD 880-10207/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	10207
880-7421-A-20-B MS	Matrix Spike	Soluble	Solid	300.0	10207
880-7421-A-20-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	10207

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-6

Lab Sample ID: 890-1456-1

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10041	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10083	10/21/21 16:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/23/21 02:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/24/21 20:06	CH	XEN MID

Client Sample ID: SW-7

Lab Sample ID: 890-1456-2

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10041	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10083	10/21/21 16:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/23/21 02:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/24/21 20:13	CH	XEN MID

Client Sample ID: SW-8

Lab Sample ID: 890-1456-3

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10041	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10083	10/21/21 16:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/23/21 03:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/24/21 20:20	CH	XEN MID

Client Sample ID: SW-9

Lab Sample ID: 890-1456-4

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10041	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10083	10/21/21 17:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
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Client Sample ID: SW-9

Lab Sample ID: 890-1456-4

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/23/21 03:32	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/24/21 20:27	CH	XEN MID

Client Sample ID: SW-10

Lab Sample ID: 890-1456-5

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10041	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10083	10/21/21 17:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10271	10/22/21 16:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10313	10/23/21 22:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/25/21 08:07	CH	XEN MID

Client Sample ID: SW-11

Lab Sample ID: 890-1456-6

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10041	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10083	10/21/21 17:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10271	10/22/21 16:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10313	10/23/21 23:19	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/25/21 08:14	CH	XEN MID

Client Sample ID: SW-12

Lab Sample ID: 890-1456-7

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10041	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10083	10/21/21 18:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10271	10/22/21 16:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10313	10/23/21 23:40	AJ	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-12

Lab Sample ID: 890-1456-7

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/25/21 08:35	CH	XEN MID

Client Sample ID: SW-13

Lab Sample ID: 890-1456-8

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10041	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10083	10/21/21 18:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10271	10/22/21 16:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10313	10/24/21 00:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/25/21 08:41	CH	XEN MID

Client Sample ID: SW-14

Lab Sample ID: 890-1456-9

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10041	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10083	10/21/21 18:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	10271	10/22/21 16:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10313	10/24/21 00:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/25/21 08:48	CH	XEN MID

Client Sample ID: SW-15

Lab Sample ID: 890-1456-10

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10041	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10083	10/21/21 19:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	10271	10/22/21 16:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10313	10/24/21 00:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/25/21 08:55	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-16

Lab Sample ID: 890-1456-11

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 15:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	10271	10/22/21 16:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10313	10/24/21 01:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/25/21 09:02	CH	XEN MID

Client Sample ID: SW-17

Lab Sample ID: 890-1456-12

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 15:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10271	10/22/21 16:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10313	10/24/21 01:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/25/21 09:09	CH	XEN MID

Client Sample ID: SW-18

Lab Sample ID: 890-1456-13

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 16:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10271	10/22/21 16:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10313	10/24/21 01:45	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/25/21 09:16	CH	XEN MID

Client Sample ID: SW-19

Lab Sample ID: 890-1456-14

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 14:19

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 16:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1
SDG: Eddy County NM

Client Sample ID: SW-19
Date Collected: 10/19/21 00:00
Date Received: 10/20/21 14:19

Lab Sample ID: 890-1456-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10271	10/22/21 16:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10313	10/24/21 02:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	10207	10/22/21 11:02	CH	XEN MID
Soluble	Analysis	300.0		10			10324	10/24/21 01:09	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

Job ID: 890-1456-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global

Job ID: 890-1456-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global

Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1456-1

SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-1456-1	SW-6	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-2	SW-7	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-3	SW-8	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-4	SW-9	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-5	SW-10	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-6	SW-11	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-7	SW-12	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-8	SW-13	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-9	SW-14	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-10	SW-15	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-11	SW-16	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-12	SW-17	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-13	SW-18	Solid	10/19/21 00:00	10/20/21 14:19
890-1456-14	SW-19	Solid	10/19/21 00:00	10/20/21 14:19



Chain of Custody

Work Order No: _____

Page 1 of 2

Project Manager:	Mike Carmona	Bill to: (if different)	Jacqu Harris
Company Name:	NTG Environmental	Company Name:	COG
Address:	701 Tradewinds BLVD	Address:	15 W Loving Rd
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Loving, NM 88256
Phone:	432-312-7736	Email:	jacquharris@corocophilips.com

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

Project Name:	Cookie Tosser #2 (08.19.21)	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST		Preservative Codes	
Project Number:	214633							None: NO DI Water: H ₂ O	
Project Location:	Eddy Co, NM	Due Date:	24hr					Cool: Cool MeOH: Me	
Sampler's Name:	ES	TAT starts the day received by the lab, if received by 4:30pm						HCL: HC HNO ₃ : HN	
PO #:								H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	☒ Yes ☐ No	Wet Ice:	☒ Yes ☐ No			H ₃ PO ₄ : HP	
Received Inact:	☒ Yes ☐ No	Thermometer ID:	Corrective Factor:		0.2		NaHSO ₄ : NABIS		
Cooler Custody Seals:	☒ Yes ☐ No	Temperature Reading:	1.4		1.2		Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	☒ Yes ☐ No	Corrected Temperature:	1.2		1.2		Zn Acetate+NaOH: Zn		
Total Containers:								NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters									
SW-6	10/19/2021		X		Comp	1	X	X	X	X						
SW-7	10/19/2021		X		Comp	1	X	X	X	X						
SW-8	10/19/2021		X		Comp	1	X	X	X	X						
SW-9	10/19/2021		X		Comp	1	X	X	X	X						
SW-10	10/19/2021		X		Comp	1	X	X	X	X						
SW-11	10/19/2021		X		Comp	1	X	X	X	X						
SW-12	10/19/2021		X		Comp	1	X	X	X	X						
SW-13	10/19/2021		X		Comp	1	X	X	X	X						
SW-14	10/19/2021		X		Comp	1	X	X	X	X						
SW-15	10/19/2021		X		Comp	1	X	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
		10-20-21 1354			



Chain of Custody

Work Order No: _____

Page _____ of _____

Project Manager:	Mike Carmona	Bill to: (if different)	Jacqui Harris
Company Name:	NTG Environmental	Company Name:	COG
Address:	701 Tradewinds BLVD	Address:	15 W Loving Rd
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Loving,NM 88256
Phone:	432-312-7736	Email:	jacquiharris@conocophillips.com

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

Project Name:		Cookie Tossler #2 (08.19.21)		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:		214633		☐ Routine ☒ Rush		Pres. Code											None: NO	DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24hr											Cool: Cool	MeOH: Me			
Sampler's Name:		ES		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		H ₃ PO ₄ : HP	
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn	
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	

[illegible]

Additoinal Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenoco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenoco. A minimum charge of \$36.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

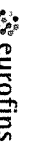
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>One Way</i>	10.20.21 1354	2		
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Eurofins Xenco, Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing
America

Client Information (Sub Contract Lab)		Sampler		Lab PM		Carrier Tracking No(s)		COC No	
Client Contact		Phone		Kramer Jessica				890-472-1	
Shipping/Receiving				E-Mail		State of Origin		Page 1 of 2	
Company				jessica.kramer@eurofins.com		New Mexico		Page 1 of 2	
Address		Due Date Requested		Accreditations Required (See note)		NELAP - Louisiana NELAP - Texas		Job #	
1211 W. Florida Ave.		10/21/2021						890-1456-1	
City		TAT Requested (days):		Analysis Requested					
Midland									
State Zip									
TX 79701									
Phone		PO #							
432-704-5440(Tel)									
Email		W/O #							
Project Name		Project #							
Cookie Tosser #2 (08 19 21)		88000786							
Site		SSOV#							
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (Water, Soil, Air, etc.)	
SW-6 (890-1456-1)		10/19/21		Mountain		Solid		Solid	
SW-7 (890-1456-2)		10/19/21		Mountain		Solid		Solid	
SW-8 (890-1456-3)		10/19/21		Mountain		Solid		Solid	
SW-9 (890-1456-4)		10/19/21		Mountain		Solid		Solid	
SW-10 (890-1456-5)		10/19/21		Mountain		Solid		Solid	
SW-11 (890-1456-6)		10/19/21		Mountain		Solid		Solid	
SW-12 (890-1456-7)		10/19/21		Mountain		Solid		Solid	
SW-13 (890-1456-8)		10/19/21		Mountain		Solid		Solid	
SW-14 (890-1456-9)		10/19/21		Mountain		Solid		Solid	
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract 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/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				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed				☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months					
Deliverable Requested I II III IV Other (specify)				Special Instructions/QC Requirements					
Primary Deliverable Rank 2									
Empty Kit Relinquished by		Date		Time		Method of Shipment:			
Relinquished by		Date/Time		Company		Received by		Date/Time	
Relinquished by		Date/Time		Company		Received by		Date/Time	
Relinquished by		Date/Time		Company		Received by		Date/Time	
Custody Seals Intact.		Custody Seal No				Cooler Temperature(s) °C and Other Remarks			
Δ Yes Δ No									

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Eurofine Yanco Carlebad

1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

airpro fine

Environment Testing

Client Information (Sub Contract Lab)				Sampler	Lab PM	Carrier Tracking No(s)	COC No.									
Client Contact: Shipping/Receiving				Phone	Kramer Jessica		890-472 2									
Company: Eurofins Xenco				E-Mail	lessica.kramer@eurofinsnet.com	State of Origin	Page 2 of 2									
Address: 1211 W Florida Ave				Accreditations Required (See note) NELAP - Louisiana NELAP - Texas		New Mexico	Job #: 890-1456-1									
City: Midland				Due Date Requested	Analysis Requested											
State Zip: TX 79701				10/21/2021												
Phone: 432-704-5440(Tel)				TAT Requested (days):												
Email:				PO #												
Project Name: Cookie Tosser #2 (08 19 21)				WOC #												
Site:				Project #												
				SSON#:												
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=on-site/hold, BT=tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFWM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8015MOD_Calc	8021B/5035FP_Calc (MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note
SW-15 (890-1456-10)				10/19/21	Mountain		Solid	X	X	X	X	X	X	X	1	
SW-16 (890-1456-11)				10/19/21	Mountain		Solid	X	X	X	X	X	X	X	1	
SW-17 (890-1456-12)				10/19/21	Mountain		Solid	X	X	X	X	X	X	X	1	
SW-18 (890-1456-13)				10/19/21	Mountain		Solid	X	X	X	X	X	X	X	1	
SW-19 (890-1456-14)				10/19/21	Mountain		Solid	X	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 subcontract 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/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				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)												
Unconfirmed				☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months												
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		Company		Received by		Date/Time		Company				
Relinquished by				Date/Time		Company		Received by		Date/Time		Company				
Relinquished by				Date/Time		Company		Received by		Date/Time		Company				
Custody Seals Intact: ☐ Yes ☐ No				Custody Seal No		Cooler Temperature(s) °C and Other Remarks:										

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-1456-1

SDG Number: Eddy County NM

Login Number: 1456

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: 890-1456-1

SDG Number: Eddy County NM

Login Number: 1456

List Number: 2

Creator: Kramer, Jessica

List Source: Eurofins Xenco, Midland

List Creation: 10/21/21 10:22 AM

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	2.2/2.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-1455-1

Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Cookie Tosser #2 (08.19.21)

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:
10/25/2021 8:03:05 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: Cookie Tosser #2 (08.19.21)

Laboratory Job ID: 890-1455-1
SDG: Eddy County NM

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Definitions/Glossary

Client: NT Global

Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1

SDG: Eddy County NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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

Eurofins Xenco, Carlsbad

Case Narrative

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Job ID: 890-1455-1**Laboratory: Eurofins Xenco, Carlsbad****Narrative****Job Narrative
890-1455-1****Receipt**

The samples were received on 10/20/2021 1:54 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 880-10034 and analytical batch 880-10084 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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-10035 and analytical batch 880-10115 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (MB 880-10035/5-A) and (MB 880-9956/5-A). 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

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-10122 and analytical batch 880-10321 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-3 (1.5)

Lab Sample ID: 890-1455-1

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		10/21/21 10:00	10/22/21 02:38	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		10/21/21 10:00	10/22/21 02:38	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		10/21/21 10:00	10/22/21 02:38	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		10/21/21 10:00	10/22/21 02:38	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		10/21/21 10:00	10/22/21 02:38	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		10/21/21 10:00	10/22/21 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	10/21/21 10:00	10/22/21 02:38	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/21/21 10:00	10/22/21 02:38	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			10/25/21 17:47	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			10/25/21 20:48	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		10/22/21 16:25	10/22/21 19:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/22/21 19:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/22/21 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	10/22/21 16:25	10/22/21 19:48	1
o-Terphenyl	119		70 - 130	10/22/21 16:25	10/22/21 19:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.5		4.99		mg/Kg			10/23/21 15:17	1

Client Sample ID: CS-4 (1.5)

Lab Sample ID: 890-1455-2

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 02:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 02:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 02:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/21/21 10:00	10/22/21 02:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 02:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/21 10:00	10/22/21 02:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	10/21/21 10:00	10/22/21 02:58	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-4 (1.5)

Lab Sample ID: 890-1455-2

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	86		70 - 130	10/21/21 10:00	10/22/21 02:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/21 17:47	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			10/25/21 20:48	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		10/22/21 16:25	10/22/21 20:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/22/21 20:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/22/21 20:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				10/22/21 16:25	10/22/21 20:50	1
o-Terphenyl	115		70 - 130				10/22/21 16:25	10/22/21 20:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.7		5.00		mg/Kg			10/23/21 15:23	1

Client Sample ID: CS-5 (1.5)

Lab Sample ID: 890-1455-3

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 03:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 03:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 03:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:00	10/22/21 03:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 03:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:00	10/22/21 03:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	10/21/21 10:00	10/22/21 03:19	1
1,4-Difluorobenzene (Surr)	85		70 - 130	10/21/21 10:00	10/22/21 03:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/21 17:47	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			10/25/21 20:48	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-5 (1.5)

Lab Sample ID: 890-1455-3

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 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		10/22/21 16:25	10/22/21 21:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 21:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 21:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/22/21 16:25	10/22/21 21:11	1
o-Terphenyl	115		70 - 130				10/22/21 16:25	10/22/21 21:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.8		5.00		mg/Kg			10/23/21 15:44	1

Client Sample ID: CS-6 (1.5)

Lab Sample ID: 890-1455-4

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 03:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:00	10/22/21 03:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:00	10/22/21 03:39	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/21/21 10:00	10/22/21 03:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:00	10/22/21 03:39	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/21/21 10:00	10/22/21 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				10/21/21 10:00	10/22/21 03:39	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/21/21 10:00	10/22/21 03:39	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			10/25/21 17:47	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			10/25/21 20:48	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	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 21:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 21:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 21:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				10/22/21 16:25	10/22/21 21:32	1
o-Terphenyl	113		70 - 130				10/22/21 16:25	10/22/21 21:32	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-6 (1.5)

Lab Sample ID: 890-1455-4

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		4.98		mg/Kg			10/23/21 15:51	1

Client Sample ID: CS-7 (1.5)

Lab Sample ID: 890-1455-5

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 03:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 03:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 03:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:00	10/22/21 03:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 03:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:00	10/22/21 03:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/21/21 10:00	10/22/21 03:59	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/21/21 10:00	10/22/21 03:59	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			10/25/21 17:47	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			10/25/21 20:48	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	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/22/21 21:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/22/21 21:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/22/21 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/22/21 16:25	10/22/21 21:53	1
o-Terphenyl	116		70 - 130				10/22/21 16:25	10/22/21 21:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.6		4.95		mg/Kg			10/23/21 15:58	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-8 (1.5)

Lab Sample ID: 890-1455-6

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 04:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 04:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 04:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/21/21 10:00	10/22/21 04:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 04:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/21/21 10:00	10/22/21 04:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/21/21 10:00	10/22/21 04:20	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/21/21 10:00	10/22/21 04:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/21 17:47	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			10/25/21 20:48	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	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 22:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 22:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	10/22/21 16:25	10/22/21 22:14	1
o-Terphenyl	114		70 - 130	10/22/21 16:25	10/22/21 22:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.9		4.97		mg/Kg			10/23/21 16:05	1

Client Sample ID: CS-9 (1.5)

Lab Sample ID: 890-1455-7

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 04:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 04:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 04:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/21/21 10:00	10/22/21 04:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 04:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/21 10:00	10/22/21 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	10/21/21 10:00	10/22/21 04:40	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-9 (1.5)

Lab Sample ID: 890-1455-7

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95		70 - 130	10/21/21 10:00	10/22/21 04:40	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			10/25/21 17:47	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			10/25/21 20:48	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	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/22/21 22:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/22/21 22:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/22/21 22:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				10/22/21 16:25	10/22/21 22:35	1
o-Terphenyl	115		70 - 130				10/22/21 16:25	10/22/21 22:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		4.99		mg/Kg			10/23/21 16:12	1

Client Sample ID: CS-10 (1.5)

Lab Sample ID: 890-1455-8

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 05:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:00	10/22/21 05:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:00	10/22/21 05:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/21/21 10:00	10/22/21 05:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:00	10/22/21 05:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/21/21 10:00	10/22/21 05:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/21/21 10:00	10/22/21 05:01	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/21/21 10:00	10/22/21 05:01	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			10/25/21 17:47	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			10/25/21 20:48	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-10 (1.5)

Lab Sample ID: 890-1455-8

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 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		10/22/21 16:25	10/22/21 22:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 22:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/22/21 16:25	10/22/21 22:57	1
o-Terphenyl	119		70 - 130				10/22/21 16:25	10/22/21 22:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.6		5.05		mg/Kg			10/23/21 16:19	1

Client Sample ID: CS-11 (1.5)

Lab Sample ID: 890-1455-9

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 05:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 05:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 05:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/21/21 10:00	10/22/21 05:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 05:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/21/21 10:00	10/22/21 05:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/21/21 10:00	10/22/21 05:21	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/21/21 10:00	10/22/21 05:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/21 17:47	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			10/25/21 20:48	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		10/22/21 16:25	10/22/21 23:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/22/21 23:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/22/21 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				10/22/21 16:25	10/22/21 23:18	1
o-Terphenyl	119		70 - 130				10/22/21 16:25	10/22/21 23:18	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-11 (1.5)

Lab Sample ID: 890-1455-9

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.2		5.02		mg/Kg			10/23/21 16:26	1

Client Sample ID: CS-12 (1.5)

Lab Sample ID: 890-1455-10

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 05:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 05:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 05:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/21/21 10:00	10/22/21 05:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 05:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/21/21 10:00	10/22/21 05:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				10/21/21 10:00	10/22/21 05:41	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/21/21 10:00	10/22/21 05:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/21 17:47	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			10/25/21 20:48	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		10/22/21 16:25	10/22/21 23:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/22/21 23:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/22/21 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				10/22/21 16:25	10/22/21 23:39	1
o-Terphenyl	119		70 - 130				10/22/21 16:25	10/22/21 23:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.0		4.96		mg/Kg			10/23/21 17:21	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-13 (1.5)

Lab Sample ID: 890-1455-11

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 07:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:00	10/22/21 07:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:00	10/22/21 07:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/21/21 10:00	10/22/21 07:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:00	10/22/21 07:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/21/21 10:00	10/22/21 07:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	10/21/21 10:00	10/22/21 07:30	1
1,4-Difluorobenzene (Surr)	110		70 - 130	10/21/21 10:00	10/22/21 07:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/25/21 17:47	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			10/25/21 20:48	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		10/22/21 16:25	10/23/21 00:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 00:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	10/22/21 16:25	10/23/21 00:21	1
o-Terphenyl	109		70 - 130	10/22/21 16:25	10/23/21 00:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.78		5.04		mg/Kg			10/23/21 17:41	1

Client Sample ID: CS-14 (1.5)

Lab Sample ID: 890-1455-12

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 07:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 07:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 07:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/21/21 10:00	10/22/21 07:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 07:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/21 10:00	10/22/21 07:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	10/21/21 10:00	10/22/21 07:51	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-14 (1.5)

Lab Sample ID: 890-1455-12

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	10/21/21 10:00	10/22/21 07:51	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			10/25/21 17:47	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			10/25/21 20:48	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		10/22/21 16:25	10/23/21 00:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 00:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 00:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/22/21 16:25	10/23/21 00:43	1
o-Terphenyl	112		70 - 130				10/22/21 16:25	10/23/21 00:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		4.99		mg/Kg			10/23/21 17:48	1

Client Sample ID: CS-15 (1.5)

Lab Sample ID: 890-1455-13

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 08:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 08:11	1
Ethylbenzene	0.00245		0.00200		mg/Kg		10/21/21 10:00	10/22/21 08:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/21/21 10:00	10/22/21 08:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 08:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/21 10:00	10/22/21 08:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	10/21/21 10:00	10/22/21 08:11	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/21/21 10:00	10/22/21 08:11	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			10/25/21 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/25/21 20:48	1

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Client Sample Results

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Client Sample ID: CS-15 (1.5)

Lab Sample ID: 890-1455-13

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/22/21 16:25	10/23/21 01:04	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/22/21 16:25	10/23/21 01:04	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/22/21 16:25	10/23/21 01:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/22/21 16:25	10/23/21 01:04	1
o-Terphenyl	112		70 - 130				10/22/21 16:25	10/23/21 01:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.39		4.97		mg/Kg			10/23/21 17:55	1

Client Sample ID: CS-16 (1.5)

Lab Sample ID: 890-1455-14

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 08:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 08:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 08:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:00	10/22/21 08:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 08:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:00	10/22/21 08:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				10/21/21 10:00	10/22/21 08:31	1
1,4-Difluorobenzene (Surr)	107		70 - 130				10/21/21 10:00	10/22/21 08:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/21 17:47	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			10/25/21 20:48	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		10/22/21 16:25	10/23/21 01:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 01:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 01:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				10/22/21 16:25	10/23/21 01:25	1
o-Terphenyl	130		70 - 130				10/22/21 16:25	10/23/21 01:25	1

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Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-16 (1.5)

Lab Sample ID: 890-1455-14

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.97		4.95		mg/Kg			10/23/21 18:02	1

Client Sample ID: CS-17 (1.5)

Lab Sample ID: 890-1455-15

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 08:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:00	10/22/21 08:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:00	10/22/21 08:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/21/21 10:00	10/22/21 08:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:00	10/22/21 08:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/21/21 10:00	10/22/21 08:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/21/21 10:00	10/22/21 08:52	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/21/21 10:00	10/22/21 08:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/25/21 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	404		50.0		mg/Kg			10/25/21 20:48	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	404		50.0		mg/Kg		10/22/21 16:25	10/23/21 01:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/23/21 01:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/23/21 01:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				10/22/21 16:25	10/23/21 01:46	1
o-Terphenyl	142	S1+	70 - 130				10/22/21 16:25	10/23/21 01:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.0		5.05		mg/Kg			10/23/21 18:23	1

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Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-18 (1.5)

Lab Sample ID: 890-1455-16

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 09:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 09:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 09:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:00	10/22/21 09:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 09:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:00	10/22/21 09:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/21/21 10:00	10/22/21 09:12	1
1,4-Difluorobenzene (Surr)	84		70 - 130	10/21/21 10:00	10/22/21 09:12	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			10/25/21 17:47	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			10/25/21 20:48	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	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/23/21 02:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/23/21 02:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/23/21 02:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	10/22/21 16:25	10/23/21 02:08	1
o-Terphenyl	133	S1+	70 - 130	10/22/21 16:25	10/23/21 02:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.2		4.98		mg/Kg			10/23/21 18:29	1

Client Sample ID: CS-19 (1.5)

Lab Sample ID: 890-1455-17

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 09:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 09:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 09:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/21/21 10:00	10/22/21 09:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 09:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/21 10:00	10/22/21 09:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/21/21 10:00	10/22/21 09:33	1

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Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-19 (1.5)

Lab Sample ID: 890-1455-17

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	10/21/21 10:00	10/22/21 09:33	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			10/25/21 17:47	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			10/25/21 20:48	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		10/22/21 16:25	10/23/21 02:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 02:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				10/22/21 16:25	10/23/21 02:29	1
o-Terphenyl	125		70 - 130				10/22/21 16:25	10/23/21 02:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.5		4.95		mg/Kg			10/23/21 18:36	1

Client Sample ID: CS-20 (1.5)

Lab Sample ID: 890-1455-18

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 09:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:00	10/22/21 09:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:00	10/22/21 09:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/21/21 10:00	10/22/21 09:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:00	10/22/21 09:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/21/21 10:00	10/22/21 09:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/21/21 10:00	10/22/21 09:53	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/21/21 10:00	10/22/21 09:53	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			10/25/21 17:47	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			10/25/21 20:48	1

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Client Sample Results

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Client Sample ID: CS-20 (1.5)

Lab Sample ID: 890-1455-18

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 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		10/22/21 16:25	10/23/21 02:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 02:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				10/22/21 16:25	10/23/21 02:50	1
o-Terphenyl	125		70 - 130				10/22/21 16:25	10/23/21 02:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.9		5.00		mg/Kg			10/23/21 18:43	1

Client Sample ID: CS-21 (1.5)

Lab Sample ID: 890-1455-19

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 10:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 10:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 10:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:00	10/22/21 10:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:00	10/22/21 10:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:00	10/22/21 10:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				10/21/21 10:00	10/22/21 10:13	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/21/21 10:00	10/22/21 10:13	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			10/25/21 17:47	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			10/25/21 20:48	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		10/22/21 16:25	10/23/21 03:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 03:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:25	10/23/21 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				10/22/21 16:25	10/23/21 03:11	1
o-Terphenyl	110		70 - 130				10/22/21 16:25	10/23/21 03:11	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-21 (1.5)

Lab Sample ID: 890-1455-19

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.09		4.95		mg/Kg			10/23/21 18:50	1

Client Sample ID: CS-22 (1.5)

Lab Sample ID: 890-1455-20

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:00	10/22/21 10:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 10:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 10:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/21/21 10:00	10/22/21 10:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 10:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/21 10:00	10/22/21 10:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				10/21/21 10:00	10/22/21 10:34	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/21/21 10:00	10/22/21 10:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/21 17:47	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			10/25/21 20:48	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	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/23/21 03:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/23/21 03:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/22/21 16:25	10/23/21 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				10/22/21 16:25	10/23/21 03:32	1
o-Terphenyl	121		70 - 130				10/22/21 16:25	10/23/21 03:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.5		5.04		mg/Kg			10/23/21 18:57	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-23 (1.5)

Lab Sample ID: 890-1455-21

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		10/21/21 10:15	10/22/21 07:00	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		10/21/21 10:15	10/22/21 07:00	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		10/21/21 10:15	10/22/21 07:00	1
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.00399		mg/Kg		10/21/21 10:15	10/22/21 07:00	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		10/21/21 10:15	10/22/21 07:00	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		10/21/21 10:15	10/22/21 07:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/21/21 10:15	10/22/21 07:00	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/21/21 10:15	10/22/21 07:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:22	10/22/21 19:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/22/21 19:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/22/21 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	10/22/21 16:22	10/22/21 19:48	1
o-Terphenyl	109		70 - 130	10/22/21 16:22	10/22/21 19:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.86		4.99		mg/Kg			10/23/21 19:18	1

Client Sample ID: CS-24 (1.5)

Lab Sample ID: 890-1455-22

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 07:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 07:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 07:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/21/21 10:15	10/22/21 07:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 07:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/21 10:15	10/22/21 07:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	10/21/21 10:15	10/22/21 07:27	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-24 (1.5)

Lab Sample ID: 890-1455-22

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		70 - 130	10/21/21 10:15	10/22/21 07:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:22	10/22/21 20:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/22/21 20:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/22/21 20:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130				10/22/21 16:22	10/22/21 20:50	1
o-Terphenyl	141	S1+	70 - 130				10/22/21 16:22	10/22/21 20:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.4		5.00		mg/Kg			10/23/21 19:24	1

Client Sample ID: CS-25 (1.5)

Lab Sample ID: 890-1455-23

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 07:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:15	10/22/21 07:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:15	10/22/21 07:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/21/21 10:15	10/22/21 07:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:15	10/22/21 07:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/21/21 10:15	10/22/21 07:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	10/21/21 10:15	10/22/21 07:54	1
1,4-Difluorobenzene (Surr)	120		70 - 130	10/21/21 10:15	10/22/21 07:54	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			10/25/21 20:52	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			10/25/21 20:48	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-25 (1.5)

Lab Sample ID: 890-1455-23

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 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		10/22/21 16:22	10/22/21 21:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 21:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 21:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				10/22/21 16:22	10/22/21 21:11	1
o-Terphenyl	131	S1+	70 - 130				10/22/21 16:22	10/22/21 21:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.00		mg/Kg			10/23/21 19:45	1

Client Sample ID: CS-26 (1.5)

Lab Sample ID: 890-1455-24

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 08:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 08:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 08:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 08:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 08:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 08:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				10/21/21 10:15	10/22/21 08:22	1
1,4-Difluorobenzene (Surr)	123		70 - 130				10/21/21 10:15	10/22/21 08:22	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			10/25/21 20:52	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			10/25/21 20:48	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	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 21:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 21:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 21:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				10/22/21 16:22	10/22/21 21:32	1
o-Terphenyl	144	S1+	70 - 130				10/22/21 16:22	10/22/21 21:32	1

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Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-26 (1.5)

Lab Sample ID: 890-1455-24

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.9		4.98		mg/Kg			10/23/21 19:52	1

Client Sample ID: CS-27 (1.5)

Lab Sample ID: 890-1455-25

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 08:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 08:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 08:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/22/21 08:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 08:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/22/21 08:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/21/21 10:15	10/22/21 08:49	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/21/21 10:15	10/22/21 08:49	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			10/25/21 20:52	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			10/25/21 20:48	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	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/22/21 21:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/22/21 21:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/22/21 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				10/22/21 16:22	10/22/21 21:53	1
o-Terphenyl	134	S1+	70 - 130				10/22/21 16:22	10/22/21 21:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.7		4.95		mg/Kg			10/23/21 19:59	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-28 (1.5)

Lab Sample ID: 890-1455-26

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 09:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 09:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 09:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/21/21 10:15	10/22/21 09:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 09:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/21 10:15	10/22/21 09:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	10/21/21 10:15	10/22/21 09:17	1
1,4-Difluorobenzene (Surr)	83		70 - 130	10/21/21 10:15	10/22/21 09:17	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			10/25/21 20:52	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			10/25/21 20:48	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	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 22:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 22:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	10/22/21 16:22	10/22/21 22:14	1
o-Terphenyl	106		70 - 130	10/22/21 16:22	10/22/21 22:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.57		4.97		mg/Kg			10/23/21 20:06	1

Client Sample ID: CS-29 (1.5)

Lab Sample ID: 890-1455-27

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 10:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:15	10/22/21 10:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:15	10/22/21 10:38	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/21/21 10:15	10/22/21 10:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:15	10/22/21 10:38	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/21/21 10:15	10/22/21 10:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	10/21/21 10:15	10/22/21 10:38	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-29 (1.5)

Lab Sample ID: 890-1455-27

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	77		70 - 130	10/21/21 10:15	10/22/21 10:38	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			10/25/21 20:52	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			10/25/21 20:48	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	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/22/21 22:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/22/21 22:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/22/21 22:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				10/22/21 16:22	10/22/21 22:35	1
o-Terphenyl	111		70 - 130				10/22/21 16:22	10/22/21 22:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.5		4.99		mg/Kg			10/23/21 20:13	1

Client Sample ID: CS-30 (1.5)

Lab Sample ID: 890-1455-28

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 09:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 09:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 09:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 09:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 09:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 09:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	10/21/21 10:15	10/22/21 09:44	1
1,4-Difluorobenzene (Surr)	70		70 - 130	10/21/21 10:15	10/22/21 09:44	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			10/25/21 20:52	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			10/25/21 20:48	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Client Sample ID: CS-30 (1.5)

Lab Sample ID: 890-1455-28

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 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		10/22/21 16:22	10/22/21 22:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 22:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/22/21 16:22	10/22/21 22:57	1
o-Terphenyl	114		70 - 130				10/22/21 16:22	10/22/21 22:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.43		5.05		mg/Kg			10/23/21 20:20	1

Client Sample ID: CS-31 (1.5)

Lab Sample ID: 890-1455-29

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 10:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:15	10/22/21 10:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:15	10/22/21 10:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/21/21 10:15	10/22/21 10:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/21/21 10:15	10/22/21 10:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/21/21 10:15	10/22/21 10:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/21/21 10:15	10/22/21 10:11	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/21/21 10:15	10/22/21 10:11	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			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:22	10/22/21 23:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/22/21 23:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/22/21 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				10/22/21 16:22	10/22/21 23:18	1
o-Terphenyl	120		70 - 130				10/22/21 16:22	10/22/21 23:18	1

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Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-31 (1.5)

Lab Sample ID: 890-1455-29

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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			10/23/21 20:27	1

Client Sample ID: CS-32 (1.5)

Lab Sample ID: 890-1455-30

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 11:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 11:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 11:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/21/21 10:15	10/22/21 11:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 11:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/21/21 10:15	10/22/21 11:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				10/21/21 10:15	10/22/21 11:05	1
1,4-Difluorobenzene (Surr)	78		70 - 130				10/21/21 10:15	10/22/21 11:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:22	10/22/21 23:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/22/21 23:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/22/21 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				10/22/21 16:22	10/22/21 23:39	1
o-Terphenyl	108		70 - 130				10/22/21 16:22	10/22/21 23:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.60		4.96		mg/Kg			10/24/21 18:50	1

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Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-33 (1.5)

Lab Sample ID: 890-1455-31

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 12:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 12:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 12:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/21/21 10:15	10/22/21 12:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 12:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/21/21 10:15	10/22/21 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/21/21 10:15	10/22/21 12:51	1
1,4-Difluorobenzene (Surr)	81		70 - 130	10/21/21 10:15	10/22/21 12:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:22	10/23/21 00:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/23/21 00:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/23/21 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	10/22/21 16:22	10/23/21 00:21	1
o-Terphenyl	98		70 - 130	10/22/21 16:22	10/23/21 00:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.70		5.04		mg/Kg			10/24/21 19:11	1

Client Sample ID: CS-34 (1.5)

Lab Sample ID: 890-1455-32

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 13:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 13:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 13:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 13:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/21 10:15	10/22/21 13:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/21 10:15	10/22/21 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/21/21 10:15	10/22/21 13:18	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-34 (1.5)

Lab Sample ID: 890-1455-32

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	10/21/21 10:15	10/22/21 13:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:22	10/23/21 00:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/23/21 00:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/23/21 00:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				10/22/21 16:22	10/23/21 00:43	1
o-Terphenyl	126		70 - 130				10/22/21 16:22	10/23/21 00:43	

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.76		4.99		mg/Kg			10/24/21 19:18	1

Client Sample ID: CS-35 (1.5)

Lab Sample ID: 890-1455-33

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 13:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:15	10/22/21 13:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:15	10/22/21 13:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/21/21 10:15	10/22/21 13:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/21/21 10:15	10/22/21 13:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/21/21 10:15	10/22/21 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	10/21/21 10:15	10/22/21 13:44	1
1,4-Difluorobenzene (Surr)	87		70 - 130	10/21/21 10:15	10/22/21 13:44	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			10/25/21 20:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/25/21 20:48	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-35 (1.5)

Lab Sample ID: 890-1455-33

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/22/21 16:22	10/23/21 01:04	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/22/21 16:22	10/23/21 01:04	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/22/21 16:22	10/23/21 01:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				10/22/21 16:22	10/23/21 01:04	1
o-Terphenyl	118		70 - 130				10/22/21 16:22	10/23/21 01:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.67		4.97		mg/Kg			10/24/21 19:25	1

Client Sample ID: CS-36 (1.5)

Lab Sample ID: 890-1455-34

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 14:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 14:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 14:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/22/21 14:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 14:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/22/21 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				10/21/21 10:15	10/22/21 14:11	1
1,4-Difluorobenzene (Surr)	75		70 - 130				10/21/21 10:15	10/22/21 14:11	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			10/25/21 20:52	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			10/25/21 20:48	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		10/22/21 16:22	10/23/21 01:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/23/21 01:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/22/21 16:22	10/23/21 01:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				10/22/21 16:22	10/23/21 01:25	1
o-Terphenyl	124		70 - 130				10/22/21 16:22	10/23/21 01:25	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-36 (1.5)

Lab Sample ID: 890-1455-34

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.51		4.95		mg/Kg			10/24/21 19:32	1

Client Sample ID: CS-37 (1.5)

Lab Sample ID: 890-1455-35

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 14:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 14:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 14:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/21/21 10:15	10/22/21 14:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 14:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/21 10:15	10/22/21 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				10/21/21 10:15	10/22/21 14:38	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/21/21 10:15	10/22/21 14:38	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			10/25/21 20:52	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			10/25/21 20:48	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	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/23/21 01:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/23/21 01:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/23/21 01:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				10/22/21 16:22	10/23/21 01:46	1
o-Terphenyl	123		70 - 130				10/22/21 16:22	10/23/21 01:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.54		5.05		mg/Kg			10/24/21 19:52	1

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Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-38 (1.5)

Lab Sample ID: 890-1455-36

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Sample Depth: 1.5

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		10/21/21 10:15	10/22/21 15:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:15	10/22/21 15:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:15	10/22/21 15:04	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/21/21 10:15	10/22/21 15:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/21/21 10:15	10/22/21 15:04	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/21/21 10:15	10/22/21 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	10/21/21 10:15	10/22/21 15:04	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/21/21 10:15	10/22/21 15:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/25/21 20:52	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			10/25/21 20:48	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	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/23/21 02:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/23/21 02:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/22/21 16:22	10/23/21 02:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130	10/22/21 16:22	10/23/21 02:08	1
o-Terphenyl	129		70 - 130	10/22/21 16:22	10/23/21 02:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.45		4.98		mg/Kg			10/24/21 19:59	1

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Surrogate Summary

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County 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	DFBZ1
		(70-130)	(70-130)
890-1455-1	CS-3 (1.5)	118	111
890-1455-1 MS	CS-3 (1.5)	73	102
890-1455-1 MSD	CS-3 (1.5)	101	108
890-1455-2	CS-4 (1.5)	86	86
890-1455-3	CS-5 (1.5)	79	85
890-1455-4	CS-6 (1.5)	119	105
890-1455-5	CS-7 (1.5)	92	102
890-1455-6	CS-8 (1.5)	97	102
890-1455-7	CS-9 (1.5)	123	95
890-1455-8	CS-10 (1.5)	97	106
890-1455-9	CS-11 (1.5)	92	100
890-1455-10	CS-12 (1.5)	94	104
890-1455-11	CS-13 (1.5)	98	110
890-1455-12	CS-14 (1.5)	87	88
890-1455-13	CS-15 (1.5)	99	103
890-1455-14	CS-16 (1.5)	98	107
890-1455-15	CS-17 (1.5)	91	101
890-1455-16	CS-18 (1.5)	101	84
890-1455-17	CS-19 (1.5)	101	110
890-1455-18	CS-20 (1.5)	97	103
890-1455-19	CS-21 (1.5)	99	103
890-1455-20	CS-22 (1.5)	101	108
890-1455-21	CS-23 (1.5)	107	93
890-1455-21 MS	CS-23 (1.5)	102	107
890-1455-21 MSD	CS-23 (1.5)	78	78
890-1455-22	CS-24 (1.5)	89	107
890-1455-23	CS-25 (1.5)	88	120
890-1455-24	CS-26 (1.5)	102	123
890-1455-25	CS-27 (1.5)	107	105
890-1455-26	CS-28 (1.5)	123	83
890-1455-27	CS-29 (1.5)	75	77
890-1455-28	CS-30 (1.5)	94	70
890-1455-29	CS-31 (1.5)	105	105
890-1455-30	CS-32 (1.5)	116	78
890-1455-31	CS-33 (1.5)	97	81
890-1455-32	CS-34 (1.5)	110	88
890-1455-33	CS-35 (1.5)	93	87
890-1455-34	CS-36 (1.5)	77	75
890-1455-35	CS-37 (1.5)	117	109
890-1455-36	CS-38 (1.5)	100	98
LCS 880-10034/1-A	Lab Control Sample	94	107
LCS 880-10035/1-A	Lab Control Sample	98	97
LCSD 880-10034/2-A	Lab Control Sample Dup	91	100
LCSD 880-10035/2-A	Lab Control Sample Dup	106	113
MB 880-10034/5-A	Method Blank	100	105
MB 880-10035/5-A	Method Blank	67 S1-	93
MB 880-9911/5-A	Method Blank	100	104
MB 880-9956/5-A	Method Blank	68 S1-	89

Surrogate Legend

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

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)
890-1455-1	CS-3 (1.5)	107	119
890-1455-1 MS	CS-3 (1.5)	109	108
890-1455-1 MSD	CS-3 (1.5)	106	106
890-1455-2	CS-4 (1.5)	105	115
890-1455-3	CS-5 (1.5)	106	115
890-1455-4	CS-6 (1.5)	103	113
890-1455-5	CS-7 (1.5)	106	116
890-1455-6	CS-8 (1.5)	103	114
890-1455-7	CS-9 (1.5)	104	115
890-1455-8	CS-10 (1.5)	108	119
890-1455-9	CS-11 (1.5)	109	119
890-1455-10	CS-12 (1.5)	105	119
890-1455-11	CS-13 (1.5)	100	109
890-1455-12	CS-14 (1.5)	101	112
890-1455-13	CS-15 (1.5)	100	112
890-1455-14	CS-16 (1.5)	113	130
890-1455-15	CS-17 (1.5)	123	142 S1+
890-1455-16	CS-18 (1.5)	116	133 S1+
890-1455-17	CS-19 (1.5)	109	125
890-1455-18	CS-20 (1.5)	113	125
890-1455-19	CS-21 (1.5)	99	110
890-1455-20	CS-22 (1.5)	109	121
890-1455-21	CS-23 (1.5)	105	109
890-1455-21 MS	CS-23 (1.5)	119	106
890-1455-21 MSD	CS-23 (1.5)	114	104
890-1455-22	CS-24 (1.5)	142 S1+	141 S1+
890-1455-23	CS-25 (1.5)	133 S1+	131 S1+
890-1455-24	CS-26 (1.5)	140 S1+	144 S1+
890-1455-25	CS-27 (1.5)	139 S1+	134 S1+
890-1455-26	CS-28 (1.5)	105	106
890-1455-27	CS-29 (1.5)	109	111
890-1455-28	CS-30 (1.5)	108	114
890-1455-29	CS-31 (1.5)	119	120
890-1455-30	CS-32 (1.5)	103	108
890-1455-31	CS-33 (1.5)	96	98
890-1455-32	CS-34 (1.5)	128	126
890-1455-33	CS-35 (1.5)	119	118
890-1455-34	CS-36 (1.5)	124	124
890-1455-35	CS-37 (1.5)	125	123
890-1455-36	CS-38 (1.5)	131 S1+	129
LCS 880-10268/2-A	Lab Control Sample	99	95
LCS 880-10269/2-A	Lab Control Sample	92	98
LCSD 880-10268/3-A	Lab Control Sample Dup	100	92
LCSD 880-10269/3-A	Lab Control Sample Dup	93	99
MB 880-10268/1-A	Method Blank	134 S1+	153 S1+
MB 880-10269/1-A	Method Blank	117	138 S1+

Surrogate Legend

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: NT Global

Project/Site: Cookie Tosser #2 (08.19.21)

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Job ID: 890-1455-1

SDG: Eddy County NM

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QC Sample Results

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-10034/5-A

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 02:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 02:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 02:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/21/21 10:00	10/22/21 02:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:00	10/22/21 02:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/21 10:00	10/22/21 02:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	10/21/21 10:00	10/22/21 02:09	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/21/21 10:00	10/22/21 02:09	1

Lab Sample ID: LCS 880-10034/1-A

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10034

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1047		mg/Kg		105	70 - 130
Toluene	0.100	0.1132		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1198		mg/Kg		120	70 - 130
m-Xylene & p-Xylene	0.200	0.2330		mg/Kg		116	70 - 130
o-Xylene	0.100	0.1226		mg/Kg		123	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-10034/2-A

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10034

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1064		mg/Kg		106	70 - 130	2	35
Toluene	0.100	0.1105		mg/Kg		111	70 - 130	2	35
Ethylbenzene	0.100	0.1093		mg/Kg		109	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2104		mg/Kg		105	70 - 130	10	35
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-1455-1 MS

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: CS-3 (1.5)

Prep Type: Total/NA

Prep Batch: 10034

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F2 F1	0.101	<0.00202	U F1	mg/Kg		0.8	70 - 130
Toluene	<0.00200	U F1	0.101	<0.00202	U F1	mg/Kg		0	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1455-1 MS

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: CS-3 (1.5)

Prep Type: Total/NA

Prep Batch: 10034

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U F2 F1	0.101	<0.00202	U F1	mg/Kg		-1	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.202	<0.00404	U F1	mg/Kg		0	70 - 130
o-Xylene	<0.00200	U F2 F1	0.101	<0.00202	U F1	mg/Kg		0.2	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	73		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-1455-1 MSD

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: CS-3 (1.5)

Prep Type: Total/NA

Prep Batch: 10034

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.0998	0.08122	F2	mg/Kg		81	70 - 130	196	35
Toluene	<0.00200	U F1	0.0998	0.08824		mg/Kg		88	70 - 130	NC	35
Ethylbenzene	<0.00200	U F2 F1	0.0998	0.09153	F2	mg/Kg		90	70 - 130	197	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1823		mg/Kg		91	70 - 130	NC	35
o-Xylene	<0.00200	U F2 F1	0.0998	0.09808	F2	mg/Kg		97	70 - 130	195	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-10035/5-A

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10035

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 06:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 06:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 06:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/22/21 06:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/21 10:15	10/22/21 06:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/21 10:15	10/22/21 06:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	10/21/21 10:15	10/22/21 06:34	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/21/21 10:15	10/22/21 06:34	1

Lab Sample ID: LCS 880-10035/1-A

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10035

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08255		mg/Kg		83	70 - 130
Toluene	0.100	0.09414		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09201		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1814		mg/Kg		91	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-10035/1-A

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10035

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.09406		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-10035/2-A

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10035

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08993		mg/Kg		90	70 - 130	9	35
Toluene	0.100	0.09772		mg/Kg		98	70 - 130	4	35
Ethylbenzene	0.100	0.09576		mg/Kg		96	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1902		mg/Kg		95	70 - 130	5	35
o-Xylene	0.100	0.09860		mg/Kg		99	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 890-1455-21 MS

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: CS-23 (1.5)

Prep Type: Total/NA

Prep Batch: 10035

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1 F2	0.101	0.06685	F1	mg/Kg		66	70 - 130
Toluene	<0.00200	U F1 F2	0.101	0.07421		mg/Kg		74	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.101	0.07451		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.201	0.1461		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U F1 F2	0.101	0.07598		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-1455-21 MSD

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: CS-23 (1.5)

Prep Type: Total/NA

Prep Batch: 10035

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.0998	<0.00200	U F1 F2	mg/Kg		0.9	70 - 130	194	35
Toluene	<0.00200	U F1 F2	0.0998	<0.00200	U F1 F2	mg/Kg		1	70 - 130	194	35
Ethylbenzene	<0.00200	U F1 F2	0.0998	<0.00200	U F1 F2	mg/Kg		0.9	70 - 130	195	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	<0.00399	U F1 F2	mg/Kg		0.9	70 - 130	195	35
o-Xylene	<0.00200	U F1 F2	0.0998	<0.00200	U F1 F2	mg/Kg		2	70 - 130	191	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1455-21 MSD

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: CS-23 (1.5)

Prep Type: Total/NA

Prep Batch: 10035

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	78		70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: MB 880-9911/5-A

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9911

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/19/21 15:07	10/21/21 13:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/19/21 15:07	10/21/21 13:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/19/21 15:07	10/21/21 13:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/19/21 15:07	10/21/21 13:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/19/21 15:07	10/21/21 13:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/19/21 15:07	10/21/21 13:59	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/19/21 15:07	10/21/21 13:59	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/19/21 15:07	10/21/21 13:59	1

Lab Sample ID: MB 880-9956/5-A

Matrix: Solid

Analysis Batch: 10115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9956

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/20/21 11:01	10/21/21 17:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/20/21 11:01	10/21/21 17:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/20/21 11:01	10/21/21 17:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/20/21 11:01	10/21/21 17:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/20/21 11:01	10/21/21 17:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/20/21 11:01	10/21/21 17:16	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130				10/20/21 11:01	10/21/21 17:16	1
1,4-Difluorobenzene (Surr)	89		70 - 130				10/20/21 11:01	10/21/21 17:16	1

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

Lab Sample ID: MB 880-10268/1-A

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10268

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 18:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 18:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:22	10/22/21 18:45	1

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QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-10268/1-A

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10268

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	10/22/21 16:22	10/22/21 18:45	1
o-Terphenyl	153	S1+	70 - 130	10/22/21 16:22	10/22/21 18:45	1

Lab Sample ID: LCS 880-10268/2-A

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	868.1		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1065		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: LCSD 880-10268/3-A

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10268

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	893.6		mg/Kg		89	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1101		mg/Kg		110	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 890-1455-21 MS

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: CS-23 (1.5)

Prep Type: Total/NA

Prep Batch: 10268

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	838.0		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1033		mg/Kg		104	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	106		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

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

Lab Sample ID: 890-1455-21 MSD

Matrix: Solid

Analysis Batch: 10165

Client Sample ID: CS-23 (1.5)

Prep Type: Total/NA

Prep Batch: 10268

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	809.5		mg/Kg		78	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	996.8		mg/Kg		100	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	114		70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: MB 880-10269/1-A

Matrix: Solid

Analysis Batch: 10163

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10269

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		10/22/21 16:25	10/22/21 18:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 18:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/22/21 16:25	10/22/21 18:45	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				10/22/21 16:25	10/22/21 18:45	1
o-Terphenyl	138	S1+	70 - 130				10/22/21 16:25	10/22/21 18:45	1

Lab Sample ID: LCS 880-10269/2-A

Matrix: Solid

Analysis Batch: 10163

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10269

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	791.0		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	926.1		mg/Kg		93	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	92		70 - 130						
o-Terphenyl	98		70 - 130						

Lab Sample ID: LCSD 880-10269/3-A

Matrix: Solid

Analysis Batch: 10163

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10269

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	817.8		mg/Kg		82	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	919.1		mg/Kg		92	70 - 130	1	20

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QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-10269/3-A

Matrix: Solid

Analysis Batch: 10163

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10269

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: 890-1455-1 MS

Matrix: Solid

Analysis Batch: 10163

Client Sample ID: CS-3 (1.5)

Prep Type: Total/NA

Prep Batch: 10269

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	753.2		mg/Kg		76	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	997	834.6		mg/Kg		84	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	109		70 - 130							
o-Terphenyl	108		70 - 130							

Lab Sample ID: 890-1455-1 MSD

Matrix: Solid

Analysis Batch: 10163

Client Sample ID: CS-3 (1.5)

Prep Type: Total/NA

Prep Batch: 10269

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	796.5		mg/Kg		80	70 - 130	6	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	815.2		mg/Kg		82	70 - 130	2	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	106		70 - 130									
o-Terphenyl	106		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-10122/1-A

Matrix: Solid

Analysis Batch: 10321

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			10/23/21 12:59	1	

Lab Sample ID: LCS 880-10122/2-A

Matrix: Solid

Analysis Batch: 10321

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS						%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	253.8		mg/Kg		102	90 - 110			

Eurofins Xenco, Carlsbad

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-10122/3-A

Matrix: Solid

Analysis Batch: 10321

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	255.8		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 890-1454-A-10-C MS

Matrix: Solid

Analysis Batch: 10321

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1290		248	1477	4	mg/Kg		75	90 - 110		

Lab Sample ID: 890-1454-A-10-D MSD

Matrix: Solid

Analysis Batch: 10321

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	1290		248	1477	4	mg/Kg		75	90 - 110	0	20

Lab Sample ID: MB 880-10123/1-A

Matrix: Solid

Analysis Batch: 10322

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			10/23/21 17:00	1

Lab Sample ID: LCS 880-10123/2-A

Matrix: Solid

Analysis Batch: 10322

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	257.7		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-10123/3-A

Matrix: Solid

Analysis Batch: 10322

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	257.6		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-1455-10 MS

Matrix: Solid

Analysis Batch: 10322

Client Sample ID: CS-12 (1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	60.0		248	311.7		mg/Kg		101	90 - 110		

Lab Sample ID: 890-1455-10 MSD

Matrix: Solid

Analysis Batch: 10322

Client Sample ID: CS-12 (1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	60.0		248	306.3		mg/Kg		99	90 - 110	2	20

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QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-1455-20 MS

Matrix: Solid

Analysis Batch: 10322

Client Sample ID: CS-22 (1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	49.5		252	312.8		mg/Kg		104	90 - 110

Lab Sample ID: 890-1455-20 MSD

Matrix: Solid

Analysis Batch: 10322

Client Sample ID: CS-22 (1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	49.5		252	308.3		mg/Kg		103	90 - 110	1	20

Lab Sample ID: MB 880-10126/1-A

Matrix: Solid

Analysis Batch: 10323

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			10/24/21 18:29	1

Lab Sample ID: LCS 880-10126/2-A

Matrix: Solid

Analysis Batch: 10323

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	247.4		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-10126/3-A

Matrix: Solid

Analysis Batch: 10323

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	247.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 890-1455-30 MS

Matrix: Solid

Analysis Batch: 10323

Client Sample ID: CS-32 (1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	6.60		248	249.4		mg/Kg		98	90 - 110

Lab Sample ID: 890-1455-30 MSD

Matrix: Solid

Analysis Batch: 10323

Client Sample ID: CS-32 (1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.60		248	251.4		mg/Kg		99	90 - 110	1	20

Eurofins Xenco, Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

GC VOA

Prep Batch: 9911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-9911/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 9956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-9956/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 10034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-1	CS-3 (1.5)	Total/NA	Solid	5035	
890-1455-2	CS-4 (1.5)	Total/NA	Solid	5035	
890-1455-3	CS-5 (1.5)	Total/NA	Solid	5035	
890-1455-4	CS-6 (1.5)	Total/NA	Solid	5035	
890-1455-5	CS-7 (1.5)	Total/NA	Solid	5035	
890-1455-6	CS-8 (1.5)	Total/NA	Solid	5035	
890-1455-7	CS-9 (1.5)	Total/NA	Solid	5035	
890-1455-8	CS-10 (1.5)	Total/NA	Solid	5035	
890-1455-9	CS-11 (1.5)	Total/NA	Solid	5035	
890-1455-10	CS-12 (1.5)	Total/NA	Solid	5035	
890-1455-11	CS-13 (1.5)	Total/NA	Solid	5035	
890-1455-12	CS-14 (1.5)	Total/NA	Solid	5035	
890-1455-13	CS-15 (1.5)	Total/NA	Solid	5035	
890-1455-14	CS-16 (1.5)	Total/NA	Solid	5035	
890-1455-15	CS-17 (1.5)	Total/NA	Solid	5035	
890-1455-16	CS-18 (1.5)	Total/NA	Solid	5035	
890-1455-17	CS-19 (1.5)	Total/NA	Solid	5035	
890-1455-18	CS-20 (1.5)	Total/NA	Solid	5035	
890-1455-19	CS-21 (1.5)	Total/NA	Solid	5035	
890-1455-20	CS-22 (1.5)	Total/NA	Solid	5035	
MB 880-10034/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-10034/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-10034/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1455-1 MS	CS-3 (1.5)	Total/NA	Solid	5035	
890-1455-1 MSD	CS-3 (1.5)	Total/NA	Solid	5035	

Prep Batch: 10035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-21	CS-23 (1.5)	Total/NA	Solid	5035	
890-1455-22	CS-24 (1.5)	Total/NA	Solid	5035	
890-1455-23	CS-25 (1.5)	Total/NA	Solid	5035	
890-1455-24	CS-26 (1.5)	Total/NA	Solid	5035	
890-1455-25	CS-27 (1.5)	Total/NA	Solid	5035	
890-1455-26	CS-28 (1.5)	Total/NA	Solid	5035	
890-1455-27	CS-29 (1.5)	Total/NA	Solid	5035	
890-1455-28	CS-30 (1.5)	Total/NA	Solid	5035	
890-1455-29	CS-31 (1.5)	Total/NA	Solid	5035	
890-1455-30	CS-32 (1.5)	Total/NA	Solid	5035	
890-1455-31	CS-33 (1.5)	Total/NA	Solid	5035	
890-1455-32	CS-34 (1.5)	Total/NA	Solid	5035	
890-1455-33	CS-35 (1.5)	Total/NA	Solid	5035	
890-1455-34	CS-36 (1.5)	Total/NA	Solid	5035	
890-1455-35	CS-37 (1.5)	Total/NA	Solid	5035	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

GC VOA (Continued)

Prep Batch: 10035 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-36	CS-38 (1.5)	Total/NA	Solid	5035	
MB 880-10035/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-10035/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-10035/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1455-21 MS	CS-23 (1.5)	Total/NA	Solid	5035	
890-1455-21 MSD	CS-23 (1.5)	Total/NA	Solid	5035	

Analysis Batch: 10084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-1	CS-3 (1.5)	Total/NA	Solid	8021B	10034
890-1455-2	CS-4 (1.5)	Total/NA	Solid	8021B	10034
890-1455-3	CS-5 (1.5)	Total/NA	Solid	8021B	10034
890-1455-4	CS-6 (1.5)	Total/NA	Solid	8021B	10034
890-1455-5	CS-7 (1.5)	Total/NA	Solid	8021B	10034
890-1455-6	CS-8 (1.5)	Total/NA	Solid	8021B	10034
890-1455-7	CS-9 (1.5)	Total/NA	Solid	8021B	10034
890-1455-8	CS-10 (1.5)	Total/NA	Solid	8021B	10034
890-1455-9	CS-11 (1.5)	Total/NA	Solid	8021B	10034
890-1455-10	CS-12 (1.5)	Total/NA	Solid	8021B	10034
890-1455-11	CS-13 (1.5)	Total/NA	Solid	8021B	10034
890-1455-12	CS-14 (1.5)	Total/NA	Solid	8021B	10034
890-1455-13	CS-15 (1.5)	Total/NA	Solid	8021B	10034
890-1455-14	CS-16 (1.5)	Total/NA	Solid	8021B	10034
890-1455-15	CS-17 (1.5)	Total/NA	Solid	8021B	10034
890-1455-16	CS-18 (1.5)	Total/NA	Solid	8021B	10034
890-1455-17	CS-19 (1.5)	Total/NA	Solid	8021B	10034
890-1455-18	CS-20 (1.5)	Total/NA	Solid	8021B	10034
890-1455-19	CS-21 (1.5)	Total/NA	Solid	8021B	10034
890-1455-20	CS-22 (1.5)	Total/NA	Solid	8021B	10034
MB 880-10034/5-A	Method Blank	Total/NA	Solid	8021B	10034
MB 880-9911/5-A	Method Blank	Total/NA	Solid	8021B	9911
LCS 880-10034/1-A	Lab Control Sample	Total/NA	Solid	8021B	10034
LCSD 880-10034/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	10034
890-1455-1 MS	CS-3 (1.5)	Total/NA	Solid	8021B	10034
890-1455-1 MSD	CS-3 (1.5)	Total/NA	Solid	8021B	10034

Analysis Batch: 10115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-21	CS-23 (1.5)	Total/NA	Solid	8021B	10035
890-1455-22	CS-24 (1.5)	Total/NA	Solid	8021B	10035
890-1455-23	CS-25 (1.5)	Total/NA	Solid	8021B	10035
890-1455-24	CS-26 (1.5)	Total/NA	Solid	8021B	10035
890-1455-25	CS-27 (1.5)	Total/NA	Solid	8021B	10035
890-1455-26	CS-28 (1.5)	Total/NA	Solid	8021B	10035
890-1455-27	CS-29 (1.5)	Total/NA	Solid	8021B	10035
890-1455-28	CS-30 (1.5)	Total/NA	Solid	8021B	10035
890-1455-29	CS-31 (1.5)	Total/NA	Solid	8021B	10035
890-1455-30	CS-32 (1.5)	Total/NA	Solid	8021B	10035
890-1455-31	CS-33 (1.5)	Total/NA	Solid	8021B	10035
890-1455-32	CS-34 (1.5)	Total/NA	Solid	8021B	10035
890-1455-33	CS-35 (1.5)	Total/NA	Solid	8021B	10035

Eurofins Xenco, Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

GC VOA (Continued)

Analysis Batch: 10115 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-34	CS-36 (1.5)	Total/NA	Solid	8021B	10035
890-1455-35	CS-37 (1.5)	Total/NA	Solid	8021B	10035
890-1455-36	CS-38 (1.5)	Total/NA	Solid	8021B	10035
MB 880-10035/5-A	Method Blank	Total/NA	Solid	8021B	10035
MB 880-9956/5-A	Method Blank	Total/NA	Solid	8021B	9956
LCS 880-10035/1-A	Lab Control Sample	Total/NA	Solid	8021B	10035
LCSD 880-10035/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	10035
890-1455-21 MS	CS-23 (1.5)	Total/NA	Solid	8021B	10035
890-1455-21 MSD	CS-23 (1.5)	Total/NA	Solid	8021B	10035

Analysis Batch: 10526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-1	CS-3 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-2	CS-4 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-3	CS-5 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-4	CS-6 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-5	CS-7 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-6	CS-8 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-7	CS-9 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-8	CS-10 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-9	CS-11 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-10	CS-12 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-11	CS-13 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-12	CS-14 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-13	CS-15 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-14	CS-16 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-15	CS-17 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-16	CS-18 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-17	CS-19 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-18	CS-20 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-19	CS-21 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-20	CS-22 (1.5)	Total/NA	Solid	Total BTEX	

Analysis Batch: 10550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-21	CS-23 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-22	CS-24 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-23	CS-25 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-24	CS-26 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-25	CS-27 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-26	CS-28 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-27	CS-29 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-28	CS-30 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-29	CS-31 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-30	CS-32 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-31	CS-33 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-32	CS-34 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-33	CS-35 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-34	CS-36 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-35	CS-37 (1.5)	Total/NA	Solid	Total BTEX	
890-1455-36	CS-38 (1.5)	Total/NA	Solid	Total BTEX	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

GC Semi VOA

Analysis Batch: 10163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-1	CS-3 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-2	CS-4 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-3	CS-5 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-4	CS-6 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-5	CS-7 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-6	CS-8 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-7	CS-9 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-8	CS-10 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-9	CS-11 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-10	CS-12 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-11	CS-13 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-12	CS-14 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-13	CS-15 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-14	CS-16 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-15	CS-17 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-16	CS-18 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-17	CS-19 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-18	CS-20 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-19	CS-21 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-20	CS-22 (1.5)	Total/NA	Solid	8015B NM	10269
MB 880-10269/1-A	Method Blank	Total/NA	Solid	8015B NM	10269
LCS 880-10269/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	10269
LCSD 880-10269/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	10269
890-1455-1 MS	CS-3 (1.5)	Total/NA	Solid	8015B NM	10269
890-1455-1 MSD	CS-3 (1.5)	Total/NA	Solid	8015B NM	10269

Analysis Batch: 10165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-21	CS-23 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-22	CS-24 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-23	CS-25 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-24	CS-26 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-25	CS-27 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-26	CS-28 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-27	CS-29 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-28	CS-30 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-29	CS-31 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-30	CS-32 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-31	CS-33 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-32	CS-34 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-33	CS-35 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-34	CS-36 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-35	CS-37 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-36	CS-38 (1.5)	Total/NA	Solid	8015B NM	10268
MB 880-10268/1-A	Method Blank	Total/NA	Solid	8015B NM	10268
LCS 880-10268/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	10268
LCSD 880-10268/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	10268
890-1455-21 MS	CS-23 (1.5)	Total/NA	Solid	8015B NM	10268
890-1455-21 MSD	CS-23 (1.5)	Total/NA	Solid	8015B NM	10268

Eurofins Xenco, Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

GC Semi VOA

Prep Batch: 10268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-21	CS-23 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-22	CS-24 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-23	CS-25 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-24	CS-26 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-25	CS-27 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-26	CS-28 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-27	CS-29 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-28	CS-30 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-29	CS-31 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-30	CS-32 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-31	CS-33 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-32	CS-34 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-33	CS-35 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-34	CS-36 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-35	CS-37 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-36	CS-38 (1.5)	Total/NA	Solid	8015NM Prep	
MB 880-10268/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-10268/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-10268/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1455-21 MS	CS-23 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-21 MSD	CS-23 (1.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 10269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-1	CS-3 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-2	CS-4 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-3	CS-5 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-4	CS-6 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-5	CS-7 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-6	CS-8 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-7	CS-9 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-8	CS-10 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-9	CS-11 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-10	CS-12 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-11	CS-13 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-12	CS-14 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-13	CS-15 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-14	CS-16 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-15	CS-17 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-16	CS-18 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-17	CS-19 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-18	CS-20 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-19	CS-21 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-20	CS-22 (1.5)	Total/NA	Solid	8015NM Prep	
MB 880-10269/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-10269/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-10269/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1455-1 MS	CS-3 (1.5)	Total/NA	Solid	8015NM Prep	
890-1455-1 MSD	CS-3 (1.5)	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

GC Semi VOA

Analysis Batch: 10549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-1	CS-3 (1.5)	Total/NA	Solid	8015 NM	
890-1455-2	CS-4 (1.5)	Total/NA	Solid	8015 NM	
890-1455-3	CS-5 (1.5)	Total/NA	Solid	8015 NM	
890-1455-4	CS-6 (1.5)	Total/NA	Solid	8015 NM	
890-1455-5	CS-7 (1.5)	Total/NA	Solid	8015 NM	
890-1455-6	CS-8 (1.5)	Total/NA	Solid	8015 NM	
890-1455-7	CS-9 (1.5)	Total/NA	Solid	8015 NM	
890-1455-8	CS-10 (1.5)	Total/NA	Solid	8015 NM	
890-1455-9	CS-11 (1.5)	Total/NA	Solid	8015 NM	
890-1455-10	CS-12 (1.5)	Total/NA	Solid	8015 NM	
890-1455-11	CS-13 (1.5)	Total/NA	Solid	8015 NM	
890-1455-12	CS-14 (1.5)	Total/NA	Solid	8015 NM	
890-1455-13	CS-15 (1.5)	Total/NA	Solid	8015 NM	
890-1455-14	CS-16 (1.5)	Total/NA	Solid	8015 NM	
890-1455-15	CS-17 (1.5)	Total/NA	Solid	8015 NM	
890-1455-16	CS-18 (1.5)	Total/NA	Solid	8015 NM	
890-1455-17	CS-19 (1.5)	Total/NA	Solid	8015 NM	
890-1455-18	CS-20 (1.5)	Total/NA	Solid	8015 NM	
890-1455-19	CS-21 (1.5)	Total/NA	Solid	8015 NM	
890-1455-20	CS-22 (1.5)	Total/NA	Solid	8015 NM	
890-1455-21	CS-23 (1.5)	Total/NA	Solid	8015 NM	
890-1455-22	CS-24 (1.5)	Total/NA	Solid	8015 NM	
890-1455-23	CS-25 (1.5)	Total/NA	Solid	8015 NM	
890-1455-24	CS-26 (1.5)	Total/NA	Solid	8015 NM	
890-1455-25	CS-27 (1.5)	Total/NA	Solid	8015 NM	
890-1455-26	CS-28 (1.5)	Total/NA	Solid	8015 NM	
890-1455-27	CS-29 (1.5)	Total/NA	Solid	8015 NM	
890-1455-28	CS-30 (1.5)	Total/NA	Solid	8015 NM	
890-1455-29	CS-31 (1.5)	Total/NA	Solid	8015 NM	
890-1455-30	CS-32 (1.5)	Total/NA	Solid	8015 NM	
890-1455-31	CS-33 (1.5)	Total/NA	Solid	8015 NM	
890-1455-32	CS-34 (1.5)	Total/NA	Solid	8015 NM	
890-1455-33	CS-35 (1.5)	Total/NA	Solid	8015 NM	
890-1455-34	CS-36 (1.5)	Total/NA	Solid	8015 NM	
890-1455-35	CS-37 (1.5)	Total/NA	Solid	8015 NM	
890-1455-36	CS-38 (1.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 10122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-1	CS-3 (1.5)	Soluble	Solid	DI Leach	
890-1455-2	CS-4 (1.5)	Soluble	Solid	DI Leach	
890-1455-3	CS-5 (1.5)	Soluble	Solid	DI Leach	
890-1455-4	CS-6 (1.5)	Soluble	Solid	DI Leach	
890-1455-5	CS-7 (1.5)	Soluble	Solid	DI Leach	
890-1455-6	CS-8 (1.5)	Soluble	Solid	DI Leach	
890-1455-7	CS-9 (1.5)	Soluble	Solid	DI Leach	
890-1455-8	CS-10 (1.5)	Soluble	Solid	DI Leach	
890-1455-9	CS-11 (1.5)	Soluble	Solid	DI Leach	
MB 880-10122/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 10122 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-10122/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-10122/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1454-A-10-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1454-A-10-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 10123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-10	CS-12 (1.5)	Soluble	Solid	DI Leach	
890-1455-11	CS-13 (1.5)	Soluble	Solid	DI Leach	
890-1455-12	CS-14 (1.5)	Soluble	Solid	DI Leach	
890-1455-13	CS-15 (1.5)	Soluble	Solid	DI Leach	
890-1455-14	CS-16 (1.5)	Soluble	Solid	DI Leach	
890-1455-15	CS-17 (1.5)	Soluble	Solid	DI Leach	
890-1455-16	CS-18 (1.5)	Soluble	Solid	DI Leach	
890-1455-17	CS-19 (1.5)	Soluble	Solid	DI Leach	
890-1455-18	CS-20 (1.5)	Soluble	Solid	DI Leach	
890-1455-19	CS-21 (1.5)	Soluble	Solid	DI Leach	
890-1455-20	CS-22 (1.5)	Soluble	Solid	DI Leach	
890-1455-21	CS-23 (1.5)	Soluble	Solid	DI Leach	
890-1455-22	CS-24 (1.5)	Soluble	Solid	DI Leach	
890-1455-23	CS-25 (1.5)	Soluble	Solid	DI Leach	
890-1455-24	CS-26 (1.5)	Soluble	Solid	DI Leach	
890-1455-25	CS-27 (1.5)	Soluble	Solid	DI Leach	
890-1455-26	CS-28 (1.5)	Soluble	Solid	DI Leach	
890-1455-27	CS-29 (1.5)	Soluble	Solid	DI Leach	
890-1455-28	CS-30 (1.5)	Soluble	Solid	DI Leach	
890-1455-29	CS-31 (1.5)	Soluble	Solid	DI Leach	
MB 880-10123/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-10123/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-10123/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1455-10 MS	CS-12 (1.5)	Soluble	Solid	DI Leach	
890-1455-10 MSD	CS-12 (1.5)	Soluble	Solid	DI Leach	
890-1455-20 MS	CS-22 (1.5)	Soluble	Solid	DI Leach	
890-1455-20 MSD	CS-22 (1.5)	Soluble	Solid	DI Leach	

Leach Batch: 10126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-30	CS-32 (1.5)	Soluble	Solid	DI Leach	
890-1455-31	CS-33 (1.5)	Soluble	Solid	DI Leach	
890-1455-32	CS-34 (1.5)	Soluble	Solid	DI Leach	
890-1455-33	CS-35 (1.5)	Soluble	Solid	DI Leach	
890-1455-34	CS-36 (1.5)	Soluble	Solid	DI Leach	
890-1455-35	CS-37 (1.5)	Soluble	Solid	DI Leach	
890-1455-36	CS-38 (1.5)	Soluble	Solid	DI Leach	
MB 880-10126/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-10126/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-10126/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1455-30 MS	CS-32 (1.5)	Soluble	Solid	DI Leach	
890-1455-30 MSD	CS-32 (1.5)	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

HPLC/IC

Analysis Batch: 10321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-1	CS-3 (1.5)	Soluble	Solid	300.0	10122
890-1455-2	CS-4 (1.5)	Soluble	Solid	300.0	10122
890-1455-3	CS-5 (1.5)	Soluble	Solid	300.0	10122
890-1455-4	CS-6 (1.5)	Soluble	Solid	300.0	10122
890-1455-5	CS-7 (1.5)	Soluble	Solid	300.0	10122
890-1455-6	CS-8 (1.5)	Soluble	Solid	300.0	10122
890-1455-7	CS-9 (1.5)	Soluble	Solid	300.0	10122
890-1455-8	CS-10 (1.5)	Soluble	Solid	300.0	10122
890-1455-9	CS-11 (1.5)	Soluble	Solid	300.0	10122
MB 880-10122/1-A	Method Blank	Soluble	Solid	300.0	10122
LCS 880-10122/2-A	Lab Control Sample	Soluble	Solid	300.0	10122
LCSD 880-10122/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	10122
890-1454-A-10-C MS	Matrix Spike	Soluble	Solid	300.0	10122
890-1454-A-10-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	10122

Analysis Batch: 10322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-10	CS-12 (1.5)	Soluble	Solid	300.0	10123
890-1455-11	CS-13 (1.5)	Soluble	Solid	300.0	10123
890-1455-12	CS-14 (1.5)	Soluble	Solid	300.0	10123
890-1455-13	CS-15 (1.5)	Soluble	Solid	300.0	10123
890-1455-14	CS-16 (1.5)	Soluble	Solid	300.0	10123
890-1455-15	CS-17 (1.5)	Soluble	Solid	300.0	10123
890-1455-16	CS-18 (1.5)	Soluble	Solid	300.0	10123
890-1455-17	CS-19 (1.5)	Soluble	Solid	300.0	10123
890-1455-18	CS-20 (1.5)	Soluble	Solid	300.0	10123
890-1455-19	CS-21 (1.5)	Soluble	Solid	300.0	10123
890-1455-20	CS-22 (1.5)	Soluble	Solid	300.0	10123
890-1455-21	CS-23 (1.5)	Soluble	Solid	300.0	10123
890-1455-22	CS-24 (1.5)	Soluble	Solid	300.0	10123
890-1455-23	CS-25 (1.5)	Soluble	Solid	300.0	10123
890-1455-24	CS-26 (1.5)	Soluble	Solid	300.0	10123
890-1455-25	CS-27 (1.5)	Soluble	Solid	300.0	10123
890-1455-26	CS-28 (1.5)	Soluble	Solid	300.0	10123
890-1455-27	CS-29 (1.5)	Soluble	Solid	300.0	10123
890-1455-28	CS-30 (1.5)	Soluble	Solid	300.0	10123
890-1455-29	CS-31 (1.5)	Soluble	Solid	300.0	10123
MB 880-10123/1-A	Method Blank	Soluble	Solid	300.0	10123
LCS 880-10123/2-A	Lab Control Sample	Soluble	Solid	300.0	10123
LCSD 880-10123/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	10123
890-1455-10 MS	CS-12 (1.5)	Soluble	Solid	300.0	10123
890-1455-10 MSD	CS-12 (1.5)	Soluble	Solid	300.0	10123
890-1455-20 MS	CS-22 (1.5)	Soluble	Solid	300.0	10123
890-1455-20 MSD	CS-22 (1.5)	Soluble	Solid	300.0	10123

Analysis Batch: 10323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-30	CS-32 (1.5)	Soluble	Solid	300.0	10126
890-1455-31	CS-33 (1.5)	Soluble	Solid	300.0	10126
890-1455-32	CS-34 (1.5)	Soluble	Solid	300.0	10126
890-1455-33	CS-35 (1.5)	Soluble	Solid	300.0	10126

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QC Association Summary

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 10323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1455-34	CS-36 (1.5)	Soluble	Solid	300.0	10126
890-1455-35	CS-37 (1.5)	Soluble	Solid	300.0	10126
890-1455-36	CS-38 (1.5)	Soluble	Solid	300.0	10126
MB 880-10126/1-A	Method Blank	Soluble	Solid	300.0	10126
LCS 880-10126/2-A	Lab Control Sample	Soluble	Solid	300.0	10126
LCSD 880-10126/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	10126
890-1455-30 MS	CS-32 (1.5)	Soluble	Solid	300.0	10126
890-1455-30 MSD	CS-32 (1.5)	Soluble	Solid	300.0	10126

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-3 (1.5)

Lab Sample ID: 890-1455-1

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 02:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/22/21 19:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	10122	10/21/21 13:44	CA	XEN MID
Soluble	Analysis	300.0		1			10321	10/23/21 15:17	CH	XEN MID

Client Sample ID: CS-4 (1.5)

Lab Sample ID: 890-1455-2

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 02:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/22/21 20:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	10122	10/21/21 13:44	CA	XEN MID
Soluble	Analysis	300.0		1			10321	10/23/21 15:23	CH	XEN MID

Client Sample ID: CS-5 (1.5)

Lab Sample ID: 890-1455-3

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 03:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/22/21 21:11	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	10122	10/21/21 13:44	CA	XEN MID
Soluble	Analysis	300.0		1			10321	10/23/21 15:44	CH	XEN MID

Client Sample ID: CS-6 (1.5)

Lab Sample ID: 890-1455-4

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 03:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-6 (1.5)

Lab Sample ID: 890-1455-4

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/22/21 21:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	10122	10/21/21 13:44	CA	XEN MID
Soluble	Analysis	300.0		1			10321	10/23/21 15:51	CH	XEN MID

Client Sample ID: CS-7 (1.5)

Lab Sample ID: 890-1455-5

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 03:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/22/21 21:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	10122	10/21/21 13:44	CA	XEN MID
Soluble	Analysis	300.0		1			10321	10/23/21 15:58	CH	XEN MID

Client Sample ID: CS-8 (1.5)

Lab Sample ID: 890-1455-6

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 04:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/22/21 22:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	10122	10/21/21 13:44	CA	XEN MID
Soluble	Analysis	300.0		1			10321	10/23/21 16:05	CH	XEN MID

Client Sample ID: CS-9 (1.5)

Lab Sample ID: 890-1455-7

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 04:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/22/21 22:35	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-9 (1.5)

Lab Sample ID: 890-1455-7

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	10122	10/21/21 13:44	CA	XEN MID
Soluble	Analysis	300.0		1			10321	10/23/21 16:12	CH	XEN MID

Client Sample ID: CS-10 (1.5)

Lab Sample ID: 890-1455-8

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 05:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/22/21 22:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	10122	10/21/21 13:44	CA	XEN MID
Soluble	Analysis	300.0		1			10321	10/23/21 16:19	CH	XEN MID

Client Sample ID: CS-11 (1.5)

Lab Sample ID: 890-1455-9

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 05:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/22/21 23:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	10122	10/21/21 13:44	CA	XEN MID
Soluble	Analysis	300.0		1			10321	10/23/21 16:26	CH	XEN MID

Client Sample ID: CS-12 (1.5)

Lab Sample ID: 890-1455-10

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 05:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/22/21 23:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 17:21	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-13 (1.5)

Lab Sample ID: 890-1455-11

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 07:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/23/21 00:21	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 17:41	CH	XEN MID

Client Sample ID: CS-14 (1.5)

Lab Sample ID: 890-1455-12

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 07:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/23/21 00:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 17:48	CH	XEN MID

Client Sample ID: CS-15 (1.5)

Lab Sample ID: 890-1455-13

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 08:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/23/21 01:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 17:55	CH	XEN MID

Client Sample ID: CS-16 (1.5)

Lab Sample ID: 890-1455-14

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 08:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-16 (1.5)

Lab Sample ID: 890-1455-14

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/23/21 01:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 18:02	CH	XEN MID

Client Sample ID: CS-17 (1.5)

Lab Sample ID: 890-1455-15

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 08:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/23/21 01:46	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 18:23	CH	XEN MID

Client Sample ID: CS-18 (1.5)

Lab Sample ID: 890-1455-16

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 09:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/23/21 02:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 18:29	CH	XEN MID

Client Sample ID: CS-19 (1.5)

Lab Sample ID: 890-1455-17

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 09:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/23/21 02:29	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-19 (1.5)

Lab Sample ID: 890-1455-17

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 18:36	CH	XEN MID

Client Sample ID: CS-20 (1.5)

Lab Sample ID: 890-1455-18

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 09:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/23/21 02:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 18:43	CH	XEN MID

Client Sample ID: CS-21 (1.5)

Lab Sample ID: 890-1455-19

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 10:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/23/21 03:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 18:50	CH	XEN MID

Client Sample ID: CS-22 (1.5)

Lab Sample ID: 890-1455-20

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10034	10/21/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/22/21 10:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 17:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	10269	10/22/21 16:25	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10163	10/23/21 03:32	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 18:57	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-23 (1.5)

Lab Sample ID: 890-1455-21

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 07:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/22/21 19:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 19:18	CH	XEN MID

Client Sample ID: CS-24 (1.5)

Lab Sample ID: 890-1455-22

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 07:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/22/21 20:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 19:24	CH	XEN MID

Client Sample ID: CS-25 (1.5)

Lab Sample ID: 890-1455-23

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 07:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/22/21 21:11	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 19:45	CH	XEN MID

Client Sample ID: CS-26 (1.5)

Lab Sample ID: 890-1455-24

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 08:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-26 (1.5)

Lab Sample ID: 890-1455-24

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/22/21 21:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 19:52	CH	XEN MID

Client Sample ID: CS-27 (1.5)

Lab Sample ID: 890-1455-25

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 08:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/22/21 21:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 19:59	CH	XEN MID

Client Sample ID: CS-28 (1.5)

Lab Sample ID: 890-1455-26

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 09:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/22/21 22:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 20:06	CH	XEN MID

Client Sample ID: CS-29 (1.5)

Lab Sample ID: 890-1455-27

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 10:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/22/21 22:35	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-29 (1.5)

Lab Sample ID: 890-1455-27

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 20:13	CH	XEN MID

Client Sample ID: CS-30 (1.5)

Lab Sample ID: 890-1455-28

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 09:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/22/21 22:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 20:20	CH	XEN MID

Client Sample ID: CS-31 (1.5)

Lab Sample ID: 890-1455-29

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 10:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/22/21 23:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	10123	10/21/21 13:47	CA	XEN MID
Soluble	Analysis	300.0		1			10322	10/23/21 20:27	CH	XEN MID

Client Sample ID: CS-32 (1.5)

Lab Sample ID: 890-1455-30

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 11:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/22/21 23:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/24/21 18:50	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-33 (1.5)

Lab Sample ID: 890-1455-31

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 12:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/23/21 00:21	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/24/21 19:11	CH	XEN MID

Client Sample ID: CS-34 (1.5)

Lab Sample ID: 890-1455-32

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 13:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/23/21 00:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/24/21 19:18	CH	XEN MID

Client Sample ID: CS-35 (1.5)

Lab Sample ID: 890-1455-33

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 13:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/23/21 01:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/24/21 19:25	CH	XEN MID

Client Sample ID: CS-36 (1.5)

Lab Sample ID: 890-1455-34

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 14:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Client Sample ID: CS-36 (1.5)

Lab Sample ID: 890-1455-34

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/23/21 01:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/24/21 19:32	CH	XEN MID

Client Sample ID: CS-37 (1.5)

Lab Sample ID: 890-1455-35

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 14:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/23/21 01:46	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/24/21 19:52	CH	XEN MID

Client Sample ID: CS-38 (1.5)

Lab Sample ID: 890-1455-36

Date Collected: 10/19/21 00:00

Matrix: Solid

Date Received: 10/20/21 13:54

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	10035	10/21/21 10:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10115	10/22/21 15:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10550	10/25/21 20:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10549	10/25/21 20:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	10268	10/22/21 16:22	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10165	10/23/21 02:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	10126	10/21/21 13:52	CA	XEN MID
Soluble	Analysis	300.0		1			10323	10/24/21 19:59	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Carlsbad

Accreditation/Certification Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: NT Global

Job ID: 890-1455-1

Project/Site: Cookie Tosser #2 (08.19.21)

SDG: Eddy County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 890-1455-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1455-1	CS-3 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-2	CS-4 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-3	CS-5 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-4	CS-6 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-5	CS-7 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-6	CS-8 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-7	CS-9 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-8	CS-10 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-9	CS-11 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-10	CS-12 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-11	CS-13 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-12	CS-14 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-13	CS-15 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-14	CS-16 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-15	CS-17 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-16	CS-18 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-17	CS-19 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-18	CS-20 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-19	CS-21 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-20	CS-22 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-21	CS-23 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-22	CS-24 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-23	CS-25 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-24	CS-26 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-25	CS-27 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-26	CS-28 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-27	CS-29 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-28	CS-30 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-29	CS-31 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-30	CS-32 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-31	CS-33 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-32	CS-34 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-33	CS-35 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-34	CS-36 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-35	CS-37 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5
890-1455-36	CS-38 (1.5)	Solid	10/19/21 00:00	10/20/21 13:54	1.5



Chain of Custody

Work Order No: _____

Page 1 of 4

Project Manager:	Mike Carrona	Bill to: (if different)	Jacqui Harris
Company Name:	NTG Environmental	Company Name:	COG
Address:	701 Tradewinds Blvd	Address:	15 W Loving Rd
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Loving, NM 88256
Phone:	432-312-7736	Email:	jacquiharris@conocophillips.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:	Cookie Tossler #2 (08.19.21)	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	214633	☐ Routine ☒ Rush														None: NO	DI Water: H ₂ O
Project Location:	Eddy Co. NM	Due Date:	24hr													Cool: Cool	MeOH: Me
Sampler's Name:	ES	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No	Thermometer ID:	-0.2												H ₃ PO ₄ : HP	
Received Inlet:	☒ Yes ☒ No	Correction Factor:		-0.2												NaHSO ₄ : NABIS	
Cooler Custody Seals:	☒ Yes ☒ No	Temperature Reading:	1.4													Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	☒ Yes ☒ No	Corrected Temperature:	1.2													Zn Acetate+NaOH: Zn	
Total Containers:																NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
CS-3 (1.5')	10/19/2021		X		G	1	BTEX 8021B												
CS-4 (1.5')	10/19/2021		X		G	1	TPH 8015M (GRO + DRO + MRO)												
CS-5 (1.5')	10/19/2021		X		G	1	Chloride 300.0												
CS-6 (1.5')	10/19/2021		X		G	1													
CS-7 (1.5')	10/19/2021		X		G	1													
CS-8 (1.5')	10/19/2021		X		G	1													
CS-9 (1.5')	10/19/2021		X		G	1													
CS-10 (1.5')	10/19/2021		X		G	1													
CS-11 (1.5')	10/19/2021		X		G	1													
CS-12 (1.5')	10/19/2021		X		G	1													

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10-20-21 1364			



Chain of Custody

Work Order No: _____

Page 2 of 4

Project Manager:	Mike Carmona	Bill to: (if different)	Jacqui Harris
Company Name:	NTG Environmental	Company Name:	COG
Address:	701 Tradewinds BLVD	Address:	15 W Loving Rd
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Loving NM 88256
Phone:	432-312-7736	Email:	jacquiharris@conocophillips.com

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

Project Name:	Cookie Tossor #2 (08.19.21)	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number:	214633																	None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co., NM	Due Date:	24hr															Cool: Cool	MeOH: Me		
Sampler's Name:	ES	TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO ₃ : HN		
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No													H ₃ PO ₄ : HP			
Received Inact:	Yes No	Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes No N/A	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes No N/A	Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SACP			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-13 (1.5')	10/19/2021			X		G	1	X	X	X	X										
CS-14 (1.5')	10/19/2021			X		G	1	X	X	X	X										
CS-15 (1.5')	10/19/2021			X		G	1	X	X	X	X										
CS-16 (1.5')	10/19/2021			X		G	1	X	X	X	X										
CS-17 (1.5')	10/19/2021			X		G	1	X	X	X	X										
CS-18 (1.5')	10/19/2021			X		G	1	X	X	X	X										
CS-19 (1.5')	10/19/2021			X		G	1	X	X	X	X										
CS-20 (1.5')	10/19/2021			X		G	1	X	X	X	X										
CS-21 (1.5')	10/19/2021			X		G	1	X	X	X	X										
CS-22 (1.5')	10/19/2021			X		G	1	X	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
		10:20:21 1354			



Chain of Custody

Work Order No: _____

Page 3 of 4

[illegible]



Chain of Custody

Work Order No: _____

Page 4 of 4

Project Manager:	Mike Carmona	Bill to: (if different)	Jacqui Harris
Company Name:	NTG Environmental	Company Name:	COG
Address:	701 Tradewinds BLVD	Address:	15 W Loving Rd
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Loving, NM 88256
Phone:	432-312-7736	Email:	jacquiharris@conocophillips.com

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

[illegible][illegible]

Additoinal Comments:

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

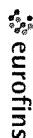
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. <i>[Signature]</i>	<i>[Signature]</i>	10-20-21 1354 ¹²			
3		4			
5		6			

Revised Date: 05/01/2020 Rev: 2020

Eurofins Xenco, Carlsbad

1089 N Canal St
Carlsbad NIM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



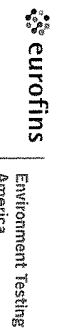
Environment Testing America

Client Information (Sub Contract Lab)			Sampler		Lab PM		Carrier Tracking No(s)		COC No		
Client Contact: Shipping/Receiving			Phone		Kramer Jessica		State of Origin		890-472 1		
Company: Eurofins Xenco			E-Mail: jessica.kramer@eurofinsel.com		Accreditations Required (See note)		New Mexico		Page: Page 1 of 4		
Address: 1211 W. Florida Ave			Due Date Requested: 10/21/2021		NELAP - Louisiana NELAP - Texas		Job #:		890-1455-1		
City: Midland			TAT Requested (day's):		Analysis Requested		Preservation Codes		A. HCL B. NaOH C. Zn Acetate D. Nitric Acid E. NaHSO4 F. MeOH G. Anichlor H. Ascorbic Acid I. Ice J. DI Water K. EDTA L. EDA M. Hexane N. None O. AsNaO2 P. Na2O4S Q. Na2SO3 R. Na2S2O3 S. H2SO4 T. TSP Dodecylhydrate U. Acetone V. MCAA W. pH 4-5 Z. other (Specify)		
State Zip: TX 79701			PO #		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers		
Phone: 432-704-5440(Tel)			WO #		300_ORGFN_28D/DI_LEACH Chloride		8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO		8015MOD_Calc		
Email: 432-704-5440(Tel)			Project #		8021B/5035FP_Calc (MOD) BTEX		Total_BTEX_GCV				
Project Name: Cookie Tosses #2 (08 19 21)			Project #								
Site: SSGW#											
Sample Identification - Client ID (Lab ID)			Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=oil, A=air)		
CS-3 (1 5) (890-1455-1)			10/19/21		Mountain		Solid		X		
CS-4 (1 5) (890-1455-2)			10/19/21		Mountain		Solid		X		
CS-5 (1 5) (890-1455-3)			10/19/21		Mountain		Solid		X		
CS-6 (1 5) (890-1455-4)			10/19/21		Mountain		Solid		X		
CS-7 (1 5) (890-1455-5)			10/19/21		Mountain		Solid		X		
CS-8 (1 5) (890-1455-6)			10/19/21		Mountain		Solid		X		
CS-9 (1 5) (890-1455-7)			10/19/21		Mountain		Solid		X		
CS-10 (1 5) (890-1455-8)			10/19/21		Mountain		Solid		X		
CS-11 (1 5) (890-1455-9)			10/19/21		Mountain		Solid		X		
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract 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/estimates/analysis 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 III IV Other (Specify) Primary Deliverable Rank 2											
Empty Kit Relinquished by											
Relinquished by Date/Time Company											
Relinquished by Date/Time Company											
Relinquished by Date/Time Company											
Custody: Seals Intact Custody Seal No											
Cooler Temperature(s) °C and Other Remarks											
22/3.3											

Eurofins Xenco Carlsbad

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Phone 575-988-3199 Fax 575-988-3199

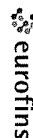
Chain of Custody Record

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Carlsbad NM 88220
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Chain of Custody Record



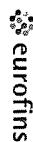
Environment Testing America

Client Information (Sub Contract Lab)			Sampler	Lab PM	Carrier Tracking No(s)	COC No.			
Client Contact	Shipping/Receiving	Phone	Kramer Jessica			890-472 3			
Company	Eurofins Xenco	E-Mail	jessica.kramer@eurofinsel.com		State of Origin	Page 3 of 4			
Address	1211 W. Florida Ave.	Accreditations Required (See note)	NELAP - Louisiana NELAP - Texas		New Mexico	Job #			
City	1211 W. Florida Ave.	Due Date Requested	10/21/2021			890-1455-1			
Midland	TAT Requested (days)	Analysis Requested							
State Zip	TX 79701	PO #							
Phone	432-704-5440 (Tel)	WO #							
Email		Project #							
Project Name	Cookie Tosser #2 (08 19 21)	SSOW#							
Site									
Sample Identification - Client ID (Lab ID)			Field Filtered Sample (Yes or No)			Special Instructions/Note			
Sample Date			Perform MS/MSD (Yes or No)						
CS-21 (1 5) (890-1455-19)	10/19/21	Mountain	Solid	300_ORGFM_28/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8015MOD_Calc	8021B/6035FP_Calc (MOD) BTEX	Total_BTEX_GCV	Total Number of containers
CS-22 (1 5) (890-1455-20)	10/19/21	Mountain	Solid	X	X	X	X	X	1
CS-23 (1 5) (890-1455-21)	10/19/21	Mountain	Solid	X	X	X	X	X	1
CS-24 (1 5) (890-1455-22)	10/19/21	Mountain	Solid	X	X	X	X	X	1
CS-25 (1 5) (890-1455-23)	10/19/21	Mountain	Solid	X	X	X	X	X	1
CS-26 (1 5) (890-1455-24)	10/19/21	Mountain	Solid	X	X	X	X	X	1
CS-27 (1 5) (890-1455-25)	10/19/21	Mountain	Solid	X	X	X	X	X	1
CS-28 (1 5) (890-1455-26)	10/19/21	Mountain	Solid	X	X	X	X	X	1
CS-29 (1 5) (890-1455-27)	10/19/21	Mountain	Solid	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 our subcontract 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/main 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			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
Unconfirmed			☐ Return To Client			☐ Disposal By Lab			
Deliverable Requested I II III IV Other (specify)			Primary Deliverable Rank 2			Special Instructions/QC Requirements			
Empty Kit Relinquished by			Date			Method of Shipment			
Relinquished by			Date/Time			Received by			
Relinquished by			Date/Time			Received by			
Relinquished by			Date/Time			Received by			
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

Client Information (Sub Contract Lab)				Sampler		Lab PM		COC No.																							
Client Contact: Shipping/Receiving				Phone		Kramer Jessica		890-472 4																							
Company: Eurofins Xenco				E-Mail: jessica.kramer@eurofins.com		Accreditations Required (See note)		Page 4 of 4																							
Address: 1211 W. Florida Ave				Due Date Requested: 10/21/2021		NE LAP - Louisiana, NE LAP - Texas		Job # 890-1455-1																							
City: Midland				TAT Requested (days):		Analysis Requested																									
State Zip: TX 79701				PO #		Preservation Codes																									
Phone: 432-704-5440(Tel)				W/O #		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																									
Email: Project Name: Cookie Tosser #2 (08 19 21)				Project # 88000786		M Hexane N None O AsNaO2 P Na2O4S Q Na2SO3 R Na2S2O3 S H2SO4 T TSP Dodecylhydrate U Acetone V MCAA W pH 4.5 Z other (specify)																									
Site: SSOV#				Field Filtered Sample (Yes or No)		Total Number of containers																									
Sample Identification - Client ID (Lab ID)				Perform MS/MSD (Yes or No)		Special Instructions/Note:																									
CS-30 (1 5) (890-1455-28)				Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=oil, B=bitumen, A=air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		300_ORGFM_28D/DI_LEACH Chloride		8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO		8016MOD_Calc		8021B/6035FP_Calc (MOD) BTEX		Total_BTEX_GCV		Total Number of containers		Special Instructions/Note:			
CS-31 (1 5) (890-1455-29)				10/19/21		Mountain		Solid		Solid		X		X		X		X		X		X		X		X		1			
CS-32 (1 5) (890-1455-30)				10/19/21		Mountain		Solid		Solid		X		X		X		X		X		X		X		X		1			
CS-33 (1 5) (890-1455-31)				10/19/21		Mountain		Solid		Solid		X		X		X		X		X		X		X		X		1			
CS-34 (1 5) (890-1455-32)				10/19/21		Mountain		Solid		Solid		X		X		X		X		X		X		X		X		1			
CS-35 (1 5) (890-1455-33)				10/19/21		Mountain		Solid		Solid		X		X		X		X		X		X		X		X		1			
CS-36 (1 5) (890-1455-34)				10/19/21		Mountain		Solid		Solid		X		X		X		X		X		X		X		X		1			
CS-37 (1 5) (890-1455-35)				10/19/21		Mountain		Solid		Solid		X		X		X		X		X		X		X		X		1			
CS-38 (1 5) (890-1455-36)				10/19/21		Mountain		Solid		Solid		X		X		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 our subcontract 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/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other institutions 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														Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																	
Unconfirmed Deliverable Requested I II III IV Other (specify)														Return To Client Disposal By Lab Archive For Months																	
Empty Kit Relinquished by														Date																	
Relinquished by														Date/Time																	
Relinquished by														Date/Time																	
Relinquished by														Date/Time																	
Custody Seals Intact. A Yes A NO														Custody Seal No																	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-1455-1

SDG Number: Eddy County NM

Login Number: 1455

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: 890-1455-1

SDG Number: Eddy County NM

Login Number: 1455

List Source: Eurofins Xenco, Midland

List Number: 2

List Creation: 10/21/21 10:22 AM

Creator: Kramer, Jessica

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	2.2/2.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-7623-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Cookie Tosser #2 (08.19.21)

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 1:32:51 PM

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

LINKS

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results through

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www.eurofinsus.com/Env

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

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

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Laboratory Job ID: 880-7623-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
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: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

Job ID: 880-7623-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-7623-1****Receipt**

The samples were received on 10/27/2021 9:35 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 -4.7°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-10705 and analytical batch 880-10840 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-17 (1.5'-2') (880-7623-1) and SW-19 (880-7623-2). 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: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

Client Sample ID: CS-17 (1.5'-2')

Lab Sample ID: 880-7623-1

Date Collected: 10/26/21 00:00

Matrix: Solid

Date Received: 10/27/21 09:35

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		10/28/21 10:33	10/28/21 19:15	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		10/28/21 10:33	10/28/21 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/28/21 10:33	10/28/21 19:15	1
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.00399		mg/Kg		10/28/21 10:33	10/28/21 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/28/21 10:33	10/28/21 19:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/28/21 10:33	10/28/21 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	10/28/21 10:33	10/28/21 19:15	1
1,4-Difluorobenzene (Surr)	90		70 - 130	10/28/21 10:33	10/28/21 19:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/01/21 13:53	1

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

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	10/29/21 16:10	10/30/21 11:48	1
o-Terphenyl	104		70 - 130	10/29/21 16:10	10/30/21 11:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			10/28/21 16:28	1

Client Sample ID: SW-19

Lab Sample ID: 880-7623-2

Date Collected: 10/26/21 00:00

Matrix: Solid

Date Received: 10/27/21 09:35

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		10/28/21 10:33	10/28/21 19:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/28/21 10:33	10/28/21 19:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/28/21 10:33	10/28/21 19:41	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/28/21 10:33	10/28/21 19:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/28/21 10:33	10/28/21 19:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/28/21 10:33	10/28/21 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	224	S1+	70 - 130	10/28/21 10:33	10/28/21 19:41	1
1,4-Difluorobenzene (Surr)	74		70 - 130	10/28/21 10:33	10/28/21 19:41	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

Client Sample ID: SW-19

Lab Sample ID: 880-7623-2

Date Collected: 10/26/21 00:00

Matrix: Solid

Date Received: 10/27/21 09:35

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			11/01/21 13:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			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 12:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/29/21 16:10	10/30/21 12:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/29/21 16:10	10/30/21 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/29/21 16:10	10/30/21 12:53	1
o-Terphenyl	101		70 - 130				10/29/21 16:10	10/30/21 12:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			10/28/21 16:34	1

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
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)
880-7623-1	CS-17 (1.5'-2')	154 S1+	90
880-7623-1 MS	CS-17 (1.5'-2')	194 S1+	80
880-7623-1 MSD	CS-17 (1.5'-2')	74	81
880-7623-2	SW-19	224 S1+	74
LCS 880-10705/1-A	Lab Control Sample	123	112
LCSD 880-10705/2-A	Lab Control Sample Dup	120	112
MB 880-10705/5-A	Method Blank	86	95
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)
880-7623-1	CS-17 (1.5'-2')	97	104
880-7623-1 MS	CS-17 (1.5'-2')	95	91
880-7623-1 MSD	CS-17 (1.5'-2')	92	92
880-7623-2	SW-19	94	101
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			

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-10705/5-A

Matrix: Solid

Analysis Batch: 10840

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10705

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/28/21 10:33	10/28/21 18:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/28/21 10:33	10/28/21 18:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/28/21 10:33	10/28/21 18:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/28/21 10:33	10/28/21 18:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/28/21 10:33	10/28/21 18:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/28/21 10:33	10/28/21 18:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	10/28/21 10:33	10/28/21 18:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/28/21 10:33	10/28/21 18:49	1

Lab Sample ID: LCS 880-10705/1-A

Matrix: Solid

Analysis Batch: 10840

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10705

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1045		mg/Kg		105	70 - 130
Toluene	0.100	0.1065		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1101		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2135		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1284		mg/Kg		128	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-10705/2-A

Matrix: Solid

Analysis Batch: 10840

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10705

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1041		mg/Kg		104	70 - 130	0	35
Toluene	0.100	0.09983		mg/Kg		100	70 - 130	7	35
Ethylbenzene	0.100	0.1031		mg/Kg		103	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1997		mg/Kg		100	70 - 130	7	35
o-Xylene	0.100	0.1282		mg/Kg		128	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-7623-1 MS

Matrix: Solid

Analysis Batch: 10840

Client Sample ID: CS-17 (1.5'-2')

Prep Type: Total/NA

Prep Batch: 10705

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.100	0.07663		mg/Kg		76	70 - 130
Toluene	<0.00200	U F1	0.100	0.06204	F1	mg/Kg		62	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-7623-1 MS

Client Sample ID: CS-17 (1.5'-2')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 10840

Prep Batch: 10705

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U	0.100	0.08930		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.201	0.1235	F1	mg/Kg		61	70 - 130
o-Xylene	<0.00200	U	0.100	0.1161		mg/Kg		116	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: 880-7623-1 MSD

Client Sample ID: CS-17 (1.5'-2')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 10840

Prep Batch: 10705

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.07292		mg/Kg		74	70 - 130	5	35
Toluene	<0.00200	U F1	0.0990	0.07375		mg/Kg		74	70 - 130	17	35
Ethylbenzene	<0.00200	U	0.0990	0.08436		mg/Kg		85	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.198	0.2343	F2	mg/Kg		118	70 - 130	62	35
o-Xylene	<0.00200	U	0.0990	0.08581		mg/Kg		87	70 - 130	30	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	74		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

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

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

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 10996

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
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

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 10996

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

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

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

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

	LCS	LCS	
Surrogate	%Recovery	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

			Spike	LCSD	LCSD				%Rec.			
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	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	
	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	95		70 - 130									
o-Terphenyl	105		70 - 130									

Lab Sample ID: 880-7623-1 MS

Matrix: Solid

Analysis Batch: 10996

Client Sample ID: CS-17 (1.5'-2')

Prep Type: Total/NA

Prep Batch: 10989

	Sample	Sample	Spike	MS	MS				%Rec.			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	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			
	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	95		70 - 130									
o-Terphenyl	91		70 - 130									

Lab Sample ID: 880-7623-1 MSD

Matrix: Solid

Analysis Batch: 10996

Client Sample ID: CS-17 (1.5'-2')

Prep Type: Total/NA

Prep Batch: 10989

	Sample	Sample	Spike	MSD	MSD				%Rec.			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	92		70 - 130									
o-Terphenyl	92		70 - 130									

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-10737/1-A

Matrix: Solid

Analysis Batch: 10794

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			10/28/21 14:30	1

Lab Sample ID: LCS 880-10737/2-A

Matrix: Solid

Analysis Batch: 10794

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	259.1		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-10737/3-A

Matrix: Solid

Analysis Batch: 10794

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	259.5		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-7613-A-1-E MS

Matrix: Solid

Analysis Batch: 10794

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	1490		1260	2791		mg/Kg		103	90 - 110

Lab Sample ID: 880-7613-A-1-F MSD

Matrix: Solid

Analysis Batch: 10794

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	1490		1260	2776		mg/Kg		102	90 - 110	1	20

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 10705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7623-1	CS-17 (1.5'-2')	Total/NA	Solid	5035	
880-7623-2	SW-19	Total/NA	Solid	5035	
MB 880-10705/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-10705/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-10705/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-7623-1 MS	CS-17 (1.5'-2')	Total/NA	Solid	5035	
880-7623-1 MSD	CS-17 (1.5'-2')	Total/NA	Solid	5035	

Analysis Batch: 10840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7623-1	CS-17 (1.5'-2')	Total/NA	Solid	8021B	10705
880-7623-2	SW-19	Total/NA	Solid	8021B	10705
MB 880-10705/5-A	Method Blank	Total/NA	Solid	8021B	10705
LCS 880-10705/1-A	Lab Control Sample	Total/NA	Solid	8021B	10705
LCSD 880-10705/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	10705
880-7623-1 MS	CS-17 (1.5'-2')	Total/NA	Solid	8021B	10705
880-7623-1 MSD	CS-17 (1.5'-2')	Total/NA	Solid	8021B	10705

Analysis Batch: 11149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7623-1	CS-17 (1.5'-2')	Total/NA	Solid	Total BTEX	
880-7623-2	SW-19	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 10989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7623-1	CS-17 (1.5'-2')	Total/NA	Solid	8015NM Prep	
880-7623-2	SW-19	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	
880-7623-1 MS	CS-17 (1.5'-2')	Total/NA	Solid	8015NM Prep	
880-7623-1 MSD	CS-17 (1.5'-2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 10996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7623-1	CS-17 (1.5'-2')	Total/NA	Solid	8015B NM	10989
880-7623-2	SW-19	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
LCSD 880-10989/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	10989
880-7623-1 MS	CS-17 (1.5'-2')	Total/NA	Solid	8015B NM	10989
880-7623-1 MSD	CS-17 (1.5'-2')	Total/NA	Solid	8015B NM	10989

Analysis Batch: 11118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7623-1	CS-17 (1.5'-2')	Total/NA	Solid	8015 NM	
880-7623-2	SW-19	Total/NA	Solid	8015 NM	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

HPLC/IC

Leach Batch: 10737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7623-1	CS-17 (1.5'-2')	Soluble	Solid	DI Leach	
880-7623-2	SW-19	Soluble	Solid	DI Leach	
MB 880-10737/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-10737/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-10737/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-7613-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-7613-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 10794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7623-1	CS-17 (1.5'-2')	Soluble	Solid	300.0	10737
880-7623-2	SW-19	Soluble	Solid	300.0	10737
MB 880-10737/1-A	Method Blank	Soluble	Solid	300.0	10737
LCS 880-10737/2-A	Lab Control Sample	Soluble	Solid	300.0	10737
LCSD 880-10737/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	10737
880-7613-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	10737
880-7613-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	10737

Lab Chronicle

Client: NT Global
Project/Site: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

Client Sample ID: CS-17 (1.5'-2')

Lab Sample ID: 880-7623-1

Date Collected: 10/26/21 00:00

Matrix: Solid

Date Received: 10/27/21 09:35

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	10705	10/28/21 10:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10840	10/28/21 19:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11149	11/01/21 13:53	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 11:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	10737	10/27/21 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			10794	10/28/21 16:28	CH	XEN MID

Client Sample ID: SW-19

Lab Sample ID: 880-7623-2

Date Collected: 10/26/21 00:00

Matrix: Solid

Date Received: 10/27/21 09:35

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	10705	10/28/21 10:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10840	10/28/21 19:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11149	11/01/21 13:53	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11118	11/01/21 12:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10989	10/29/21 16:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			10996	10/30/21 12:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	10737	10/27/21 12:11	SC	XEN MID
Soluble	Analysis	300.0		1			10794	10/28/21 16:34	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: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global

Job ID: 880-7623-1

Project/Site: Cookie Tosser #2 (08.19.21)

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: Cookie Tosser #2 (08.19.21)

Job ID: 880-7623-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-7623-1	CS-17 (1.5'-2')	Solid	10/26/21 00:00	10/27/21 09:35
880-7623-2	SW-19	Solid	10/26/21 00:00	10/27/21 09:35

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



Chain of Custody



880-7623 Chain of Custody

Page 1 of 1

Project Manager	Mike Carmoma	Bill to: (if different)	Jacqui Harris
Company Name	NTG Environmental	Company Name	COG
Address	701 Tradewinds BLVD	Address	15 W Loving Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving NM 86256
Phone	432-813-0263	Email	jacquiharris@conocophillips.com / 575-496-0780

Work Order Comments

Program: UST/PST ☐ PRP ☐ brownfields ☐ RRC ☐ Superfund ☐

State of Project

Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables. EDD ☐ ADAPT ☐ Other

[illegible][illegible]

Additional Comments:

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by: (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10/27/21 932			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-7623-1

SDG Number: Lea Co, NM

Login Number: 7623

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	

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 62516

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 62516
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	12/21/2021