



Site Information

Closure Report
SRO State 65H (07.23.2021)
Eddy County, New Mexico
Unit B Sec 17 T26S R28E
Incident #: NAPP2123626228
32.049266°, -104.107577°

Produced Water & Crude Oil Release
Source: Flowline leak due to internal corrosion
Release Date: 0723/2021
Volume Released: 2 bbls/Crude Oil & 7 bbls/ Produced Water
Volume Recovered: 0 bbls/Crude Oil& 0 bbls/ Produced Water

Prepared for:
ConocoPhillips Resources
15 West London Rd
Loving, NM 88256

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



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701 Tradewinds Boulevard, Suite C
Midland, Texas 79706
Tel. 432.685.3898
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September 29, 2021

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

**Re: Closure Report
SRO State 65H (07.23.2021)
Concho Operating, LLC
Site Location: Unit B, S17, T26S, R28E
Incident #: NAPP2123626228
(Lat 32.049266°, Long -104.107577°)
Eddy County, New Mexico**

Mr. Bratcher:

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 SRO State 65H (07.23.2021). The site is located at 32.049266 °, -104.107577° within Unit B, S17, T26S, R28E, and approximately 12.13 miles Southwest of Malaga, 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 July 23, 2021, causing a flowline leak due to internal corrosion. It resulted in the release of approximately two (2) barrels of crude oil and seven (7) barrels of produced water, and zero (0) barrels of crude oil and zero (0) barrels of produced water were recovered. The impacted area measured approximately 145' x 60', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

Site Characterization

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water source within a ½ mile radius of the location. The nearest identified well is located approximately 0.64 miles Southeast of the site in S18, T26S, R28E. The well has a reported depth to groundwater of 16.35' feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

Regulatory Criteria

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

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

Site Assessment

On August 16, 2021, NTGE personnel were on site to horizontally and vertically define the release. A total of four trenches (Trench-1 through Trench-4) and five (5) horizontal sample points were installed to total depths ranging from surface to 6 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 1. The sample locations are shown on Figure 3.

Referring to Table 1, the area of (T-1) had chloride concentration values ranging from 1,930 mg/kg to 11,300 mg/kg at a depth from the surface to 3' below the surface and decreased with depth at 4' below the surface. The area of (T-2) had chloride concentration values ranging from 636 mg/kg to 13,200 mg/kg at a depth from the surface to 4' below the surface. The area of (T-3) had chloride concentration ranging from 5,120 mg/kg to 269 mg/kg at a depth of surface to 6' below the surface. The area of (T-4) had chloride concentration ranging from 8,550 mg/kg to 224 mg/kg at a depth of surface to 6' below the surface. The area of (H-2) had a concentration value of total TPH at (715 mg/kg).

Remediation Activities and Confirmation Sampling

New Tech Global Environmental personnel were onsite from August 30, 2021, through September 2, 2021, to supervise the remediation activities and collect confirmation samples. Before remediating the site, the lines were hydro vacuumed and hand spotted for safety concerns. The area of T-1 was excavated to a depth of 3' below the surface. The area of T-2 was excavated to a depth of 4' below the surface. The area of T-3 was excavated to a depth of 5.5' below the surface. The area of T-4 was excavated to a depth of 4.5' below the surface.

A total of twenty-two (22) confirmation samples were collected (CS-1 through CS-22), and seventeen (17) sidewall samples (SW-1 through SW-17) were collected every 200 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 680 cubic yards of material were excavated and transported offsite for proper disposal.

Conclusions

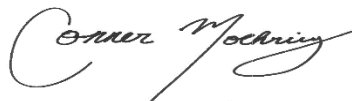
Based on the assessment finding and the analytical results, no further actions are required at the site. The final C-141 is attached, and COG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely,

NTG Environmental



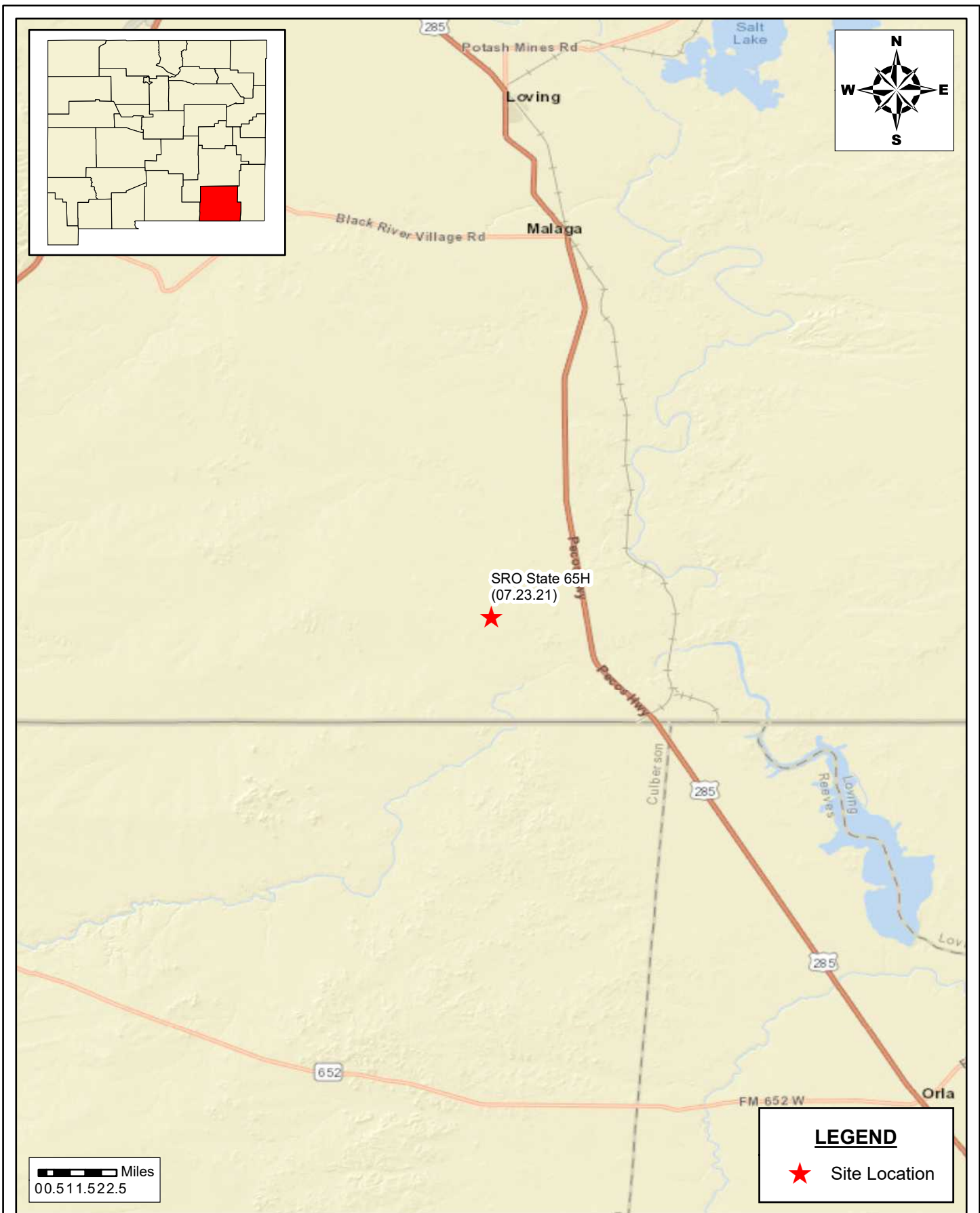
Mike Carmona
Senior Project Manager

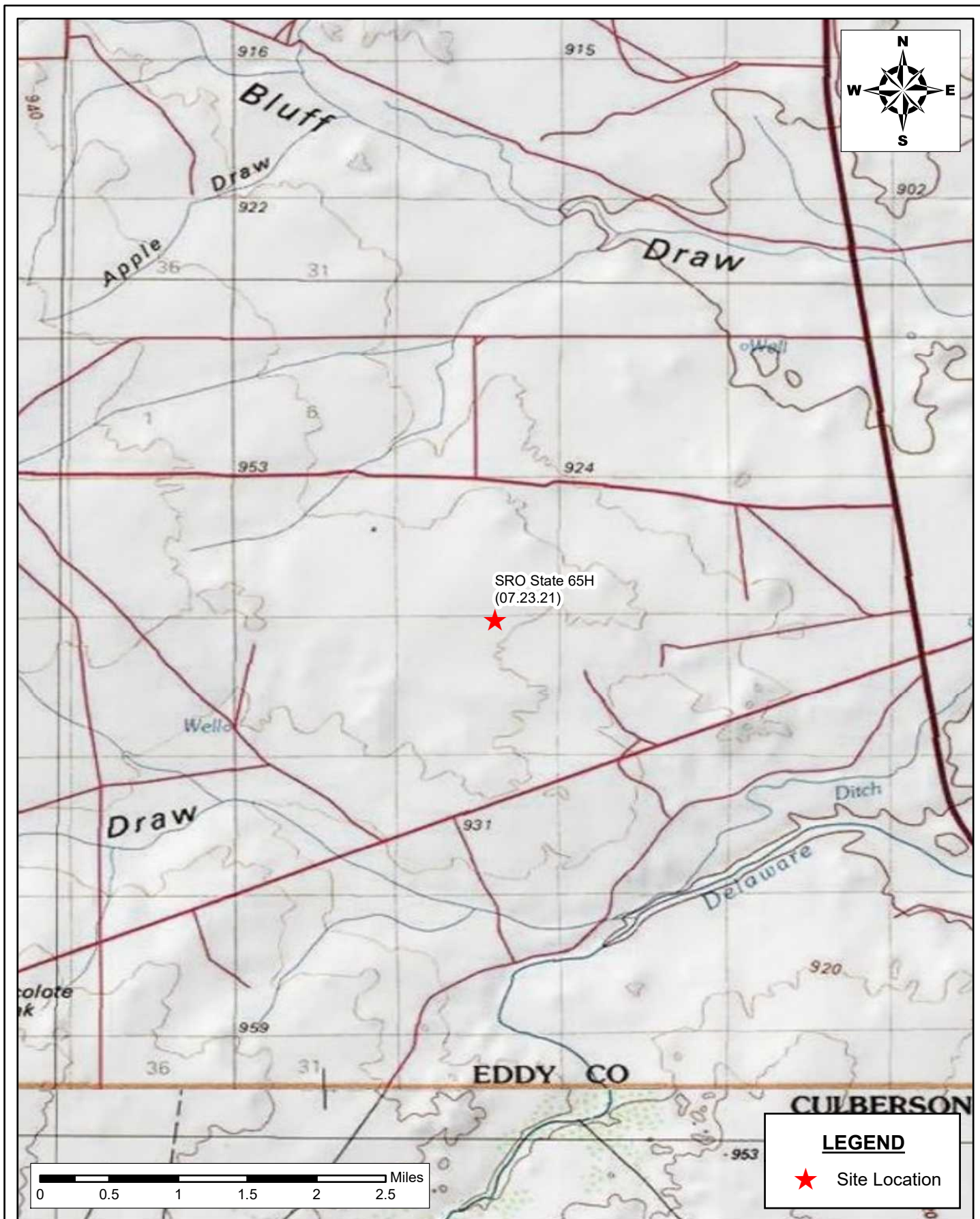


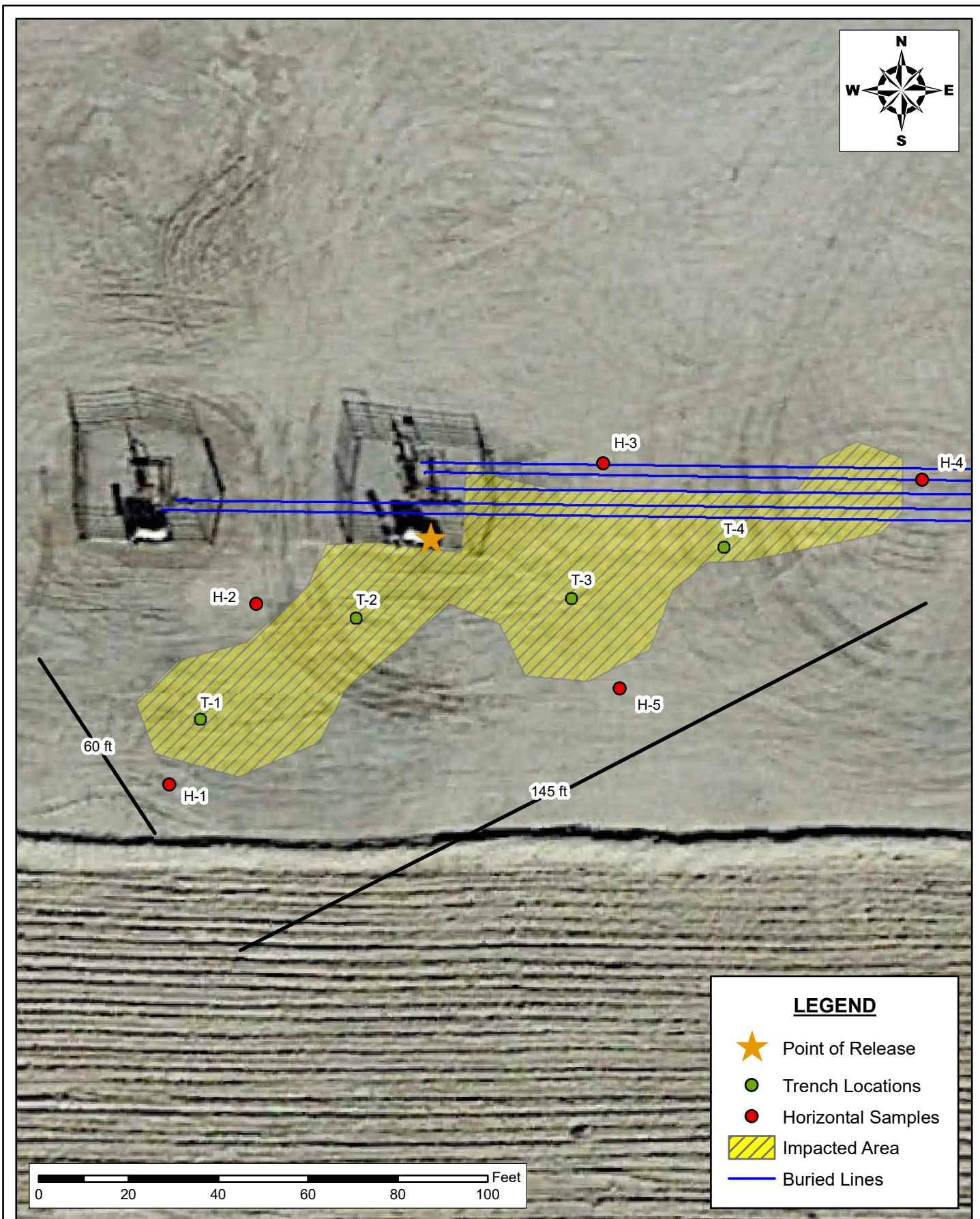
Conner Moehring
Project Manager



Figures







SAMPLE LOCATION MAP
COG OPERATING, LLC
 SRO STATE 65H (07.23.21)
 EDDY COUNTY, NEW MEXICO
 32.049266, -104.107577

SCALE: As Shown

08/23/2021

PROJECT #: 214471



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

NOTES:

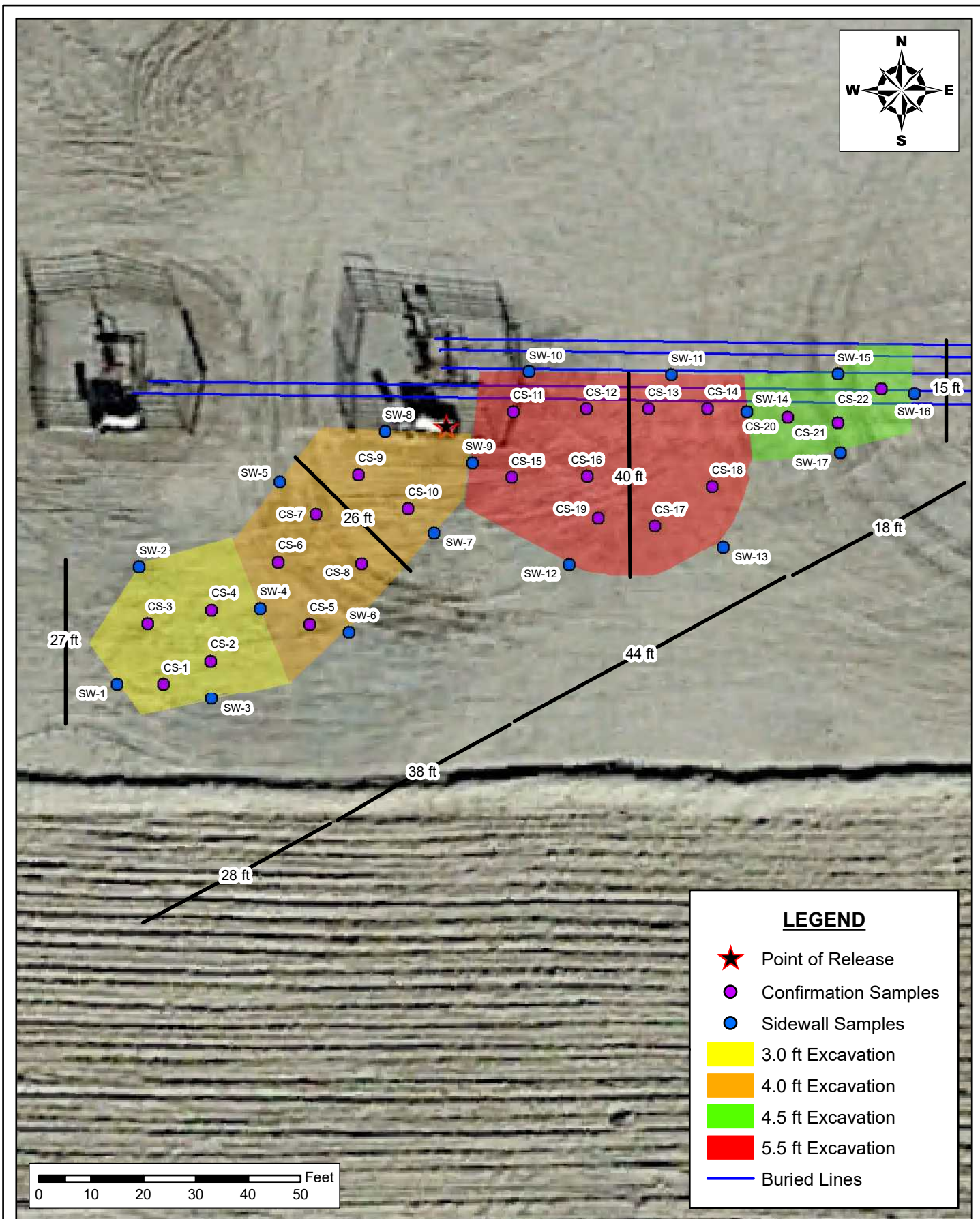
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



EXCAVATION DEPTH MAP
COG OPERATING, LLC
 SRO STATE 65H (07.23.21)
 EDDY COUNTY, NEW MEXICO
 32.049266, -104.107577

SCALE: As Shown

08/23/2021

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NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1



Tables

Table 1
COG Operating
SRO State 65H (7.23.21)
Eddy County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	8/16/2021	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	11,300
	"	1'	-	-	-	-	-	-	-	-	-	6,400
	"	2'	-	-	-	-	-	-	-	-	-	4,330
	"	3'	-	-	-	-	-	-	-	-	-	1,930
	"	4'	-	-	-	-	-	-	-	-	-	393
T-2	8/16/2021	0-1'	<49.8	71.8	<49.8	71.8	<0.00202	0.0146	<0.00202	0.00723	0.0218	13,200
	"	1'	-	-	-	-	-	-	-	-	-	11,700
	"	2'	-	-	-	-	-	-	-	-	-	6,930
	"	3'	-	-	-	-	-	-	-	-	-	5,390
	"	4'	-	-	-	-	-	-	-	-	-	636
	"	5'	-	-	-	-	-	-	-	-	-	368
T-3	8/16/2021	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	0.00762	0.00762	4,770
	"	1'	-	-	-	-	-	-	-	-	-	5,120
	"	2'	-	-	-	-	-	-	-	-	-	2,790
	"	3'	-	-	-	-	-	-	-	-	-	2,800
	"	4'	-	-	-	-	-	-	-	-	-	1,270
	"	5'	-	-	-	-	-	-	-	-	-	1,490
	"	6'	-	-	-	-	-	-	-	-	-	269
T-4	8/16/2021	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	8,550
	"	1'	-	-	-	-	-	-	-	-	-	7,950
	"	2'	-	-	-	-	-	-	-	-	-	6,760
	"	3'	-	-	-	-	-	-	-	-	-	5,250
	"	4'	-	-	-	-	-	-	-	-	-	1,060
	"	5'	-	-	-	-	-	-	-	-	-	544
	"	6'	-	-	-	-	-	-	-	-	-	224

Table 1
COG Operating
SRO State 65H (7.23.21)
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)
			GRO	DRO	MRO	Total						
H-1	8/16/2021	0-0.5'	<50.0	<50.0	63.2	63.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.9
H-2	8/16/2021	0-0.5'	<49.9	635	80.4	715	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	13.4
H-3	8/16/2021	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	25.1
H-4	8/16/2021	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	111
H-5	8/16/2021	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	204
Regulatory Limits ^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

 - Removed

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH-

Total Petroleum Hydrocarbons ft-feet

Table 2. Soil Analytical Results
Concho Operating, LLC
SRO St. 65H (7.23.21)
Eddy County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
CS-1	9/2/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	22.0
CS-2	9/2/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20.4
CS-3	9/2/2021	3.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.1
CS-4	9/2/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	21.2
CS-5	9/2/2021	4.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	118
CS-6	9/2/2021	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	112
CS-7	9/2/2021	4.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	116
CS-8	9/2/2021	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	560
CS-9	9/2/2021	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	123
CS-10	9/2/2021	4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	112
CS-11	9/2/2021	5.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	266
CS-12	9/2/2021	5.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	29.0
CS-13	9/2/2021	5.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	34.3
CS-14	9/2/2021	5.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	177
CS-15	9/2/2021	5.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	181
CS-16	9/2/2021	5.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	139
CS-17	9/2/2021	5.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	235
CS-18	9/2/2021	5.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	199
CS-19	9/2/2021	5.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	32.2
CS-20	9/2/2021	4.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	23.2
CS-22	9/2/2021	4.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20.7
Regulatory Limits^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

Table 2, continued . Soil Analytical Results
Concho Operating, LLC
SRO St. 65H (7.23.21)
Eddy County, New Mexico

Sample ID	Date	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	9/2/2021	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	22.3
SW-2	9/2/2021	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	21.5
SW-3	9/2/2021	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	21.4
SW-4	9/2/2021	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	22.6
SW-5	9/2/2021	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	21.1
SW-6	9/2/2021	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	22.6
SW-7	9/2/2021	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	21.3
SW-8	9/2/2021	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	21.2
SW-9	9/2/2021	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	196
SW-10	9/2/2021	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	33.4
SW-11	9/2/2021	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	305
SW-12	9/2/2021	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	35.0
SW-13	9/2/2021	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	30.1
SW-14	9/2/2021	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	24.2
SW-15	9/2/2021	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	22.6
SW-16	9/2/2021	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	236
SW-17	9/2/2021	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	21.5
Regulatory Limits^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet



Photo Log

PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: SRO State 65H (07.23.21)

County: Eddy County, New Mexico

Description:

View Southwest, area of confirmation samples (1 - 10).



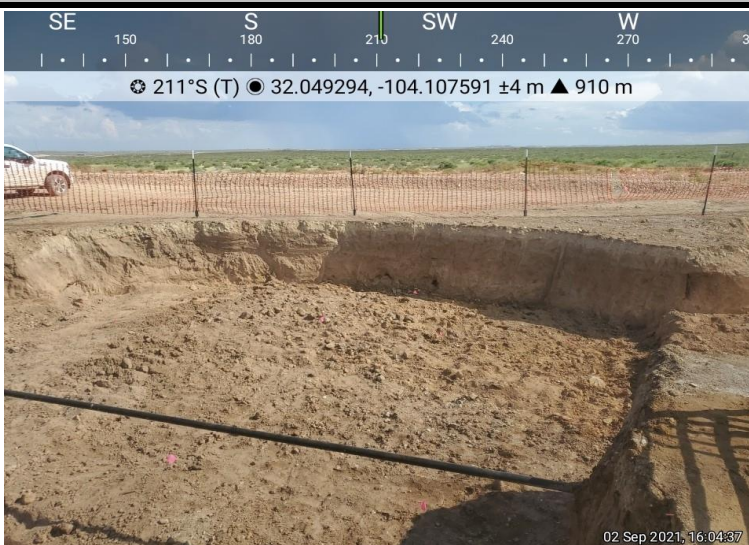
Photograph No. 2

Facility: SRO State 65H (07.23.21)

County: Eddy County, New Mexico

Description:

View South, area of confirmation samples (10 - 19).



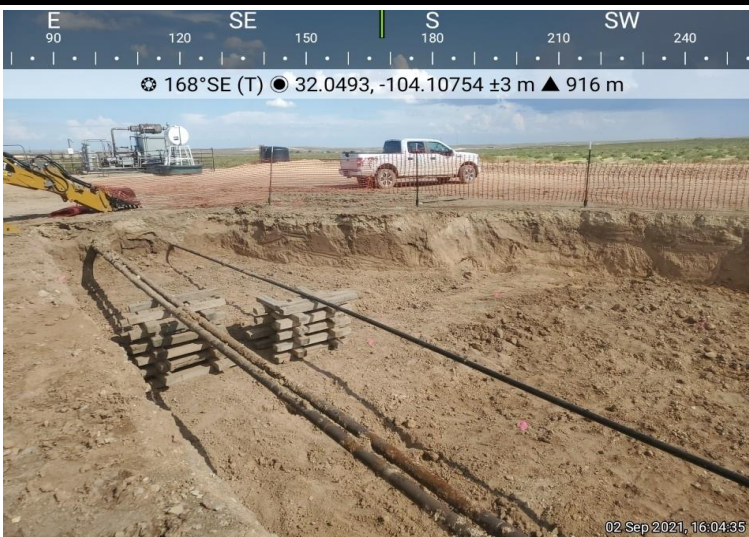
Photograph No. 3

Facility: SRO State 65H (07.23.21)

County: Eddy County, New Mexico

Description:

View Southeast, area of confirmation samples (19 - 22).





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></u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>8/24/2021</u>

NAPP2123626228

L48 Spill Volume Estimate Form												
Facility Name & Number:		SRO State Com 65H										
Asset Area:												
Release Discovery Date & Time:		7/23/2021										
Release Type:		Oil Mixture										
Provide any known details about the event:		Flowline leak due to interal corrosion										
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 Pool 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	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	115.0	46.0	0.45	4	5290.000	0.009	8.828	0.000	8.832	22.00%	1.943	6.889
Rectangle B					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Total Volume Release:									8.832		1.943	6.889

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Jacqueline Morris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

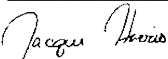
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled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

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

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

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

Printed Name: _____ Title: _____

Signature:  Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by:  Date: _____

Printed Name: _____ Title: _____



Appendix B

Nearest water well

COG Operating, LLC

Legend

 0.50 Mile Radius

 0.64 Miles

 2.04 Miles

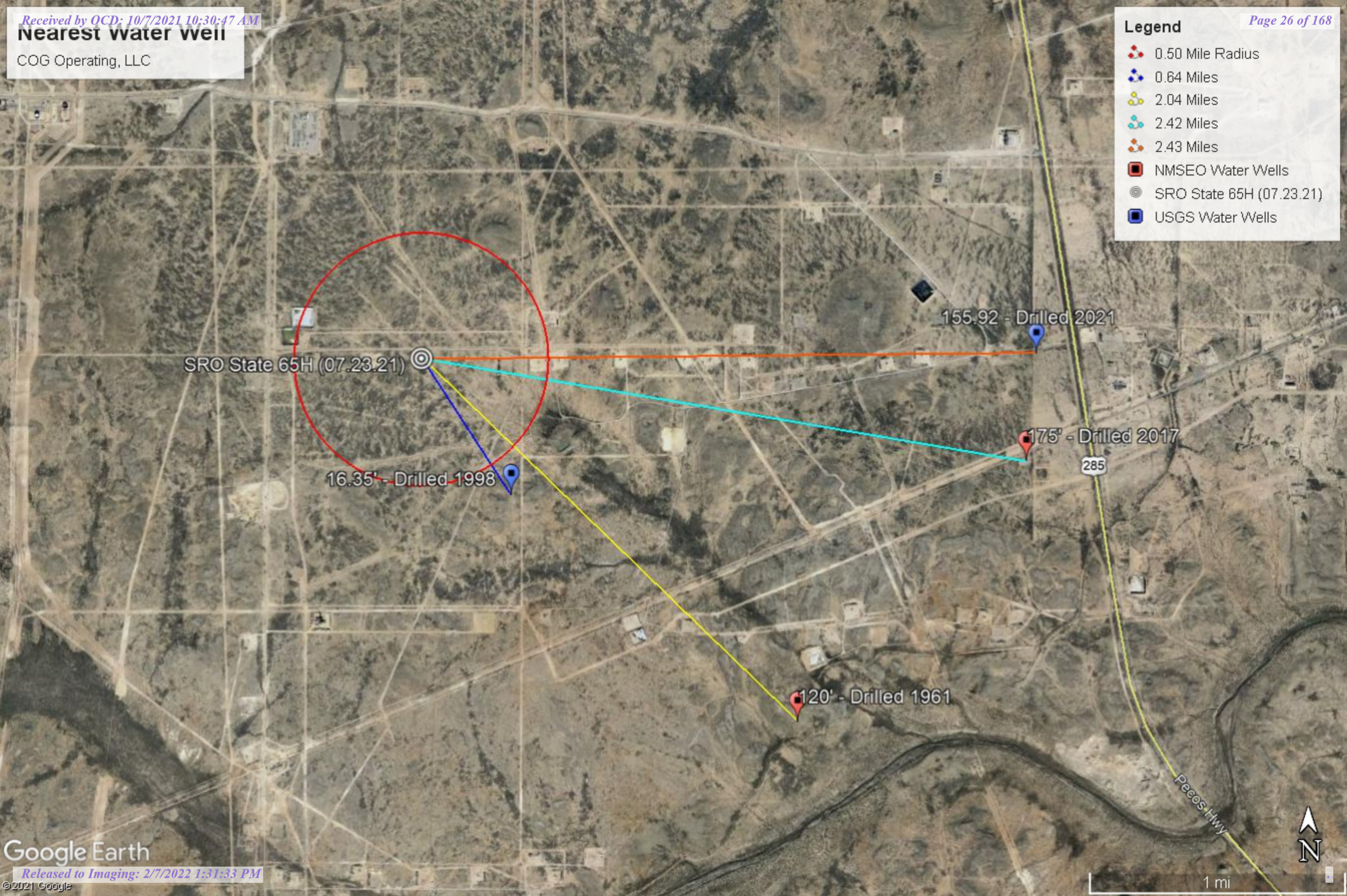
 2.42 Miles

 2.43 Miles

 NMSEO Water Wells

 SRO State 65H (07.23.21)

 USGS Water Wells

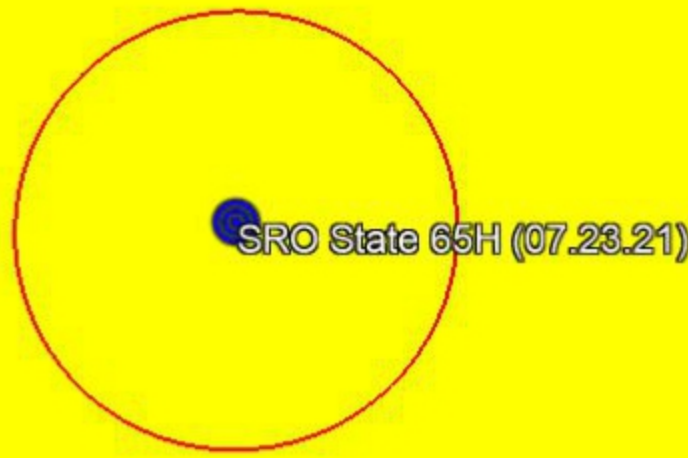


Medium Karst

COG Operating, LLC
32.049379, -104.107721

Legend

-  0.50 Mile Radius
-  MEDIUM
-  SRO State 65H (07.23.21)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 01668	CUB	ED		3	3	12	26S	28E		589957	3546554*	250	100	150
C 02160	CUB	ED		4	1	2	14	26S	28E	589243	3546044*	300	120	180
C 02160 S	CUB	ED		1	1	2	14	26S	28E	589043	3546244*	300	120	180
C 02160 S2	CUB	ED		1	1	2	14	26S	28E	589043	3546244*	300	120	180
C 02160 S3	CUB	ED		2	2	1	14	26S	28E	588834	3546241*	300	120	180
C 02160 S4	CUB	ED		2	2	1	14	26S	28E	588834	3546241*	300	120	180
C 02160 S5	CUB	ED		1	1	1	14	26S	28E	588225	3546237*	300	120	180
C 02160 S6	CUB	ED		3	3	1	14	26S	28E	588232	3545635*	300	120	180
C 02160 S7	CUB	ED		3	3	1	22	26S	28E	586638	3543998*	300	120	180
C 02160 S8	CUB	ED		2	3	3	12	26S	28E	590056	3546653*	200	120	80
C 02160 S9	CUB	ED		3	3	2	02	26S	28E	589020	3548868*	300	120	180
C 02477	CUB	ED		1	1	03	26S	28E		586687	3549347*	150		
C 02478	CUB	ED		2	1	05	26S	28E		583848	3549325*	100		
C 02479	CUB	ED		4	4	10	26S	28E		587909	3546534*	200		
C 02480	CUB	ED		4	4	10	26S	28E		587909	3546534*	150		
C 02481	CUB	ED		1	1	14	26S	28E		588326	3546138*	200		
C 02894	C	ED		2	2	3	12	26S	28E	590458	3547061*	240		
C 02924	C	ED		1	3	2	11	26S	28E	589032	3547451*			
C 04022 POD1	CUB	ED		4	4	2	15	26S	28E	588082	3545647	220	175	45
C 04022 POD2	CUB	ED		2	2	2	27	26S	28E	588106	3543082	250	145	105
C 04466 POD1	CUB	ED		3	3	2	29	26S	28E	584327	3542357	96	33	63

*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.

Average Depth to Water: **118 feet**

Minimum Depth: **33 feet**

Maximum Depth: **175 feet**

Record Count: 21

PLSS Search:

Township: 26S

Range: 28E



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USGS Water Resources

Data Category: Geographic Area:

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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 =

- 320230104060601

Minimum number of levels = 1

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

USGS 320230104060601 26S.28E.18.33111

Eddy County, New Mexico

Latitude 32°02'30", Longitude 104°06'06" NAD27

Land-surface elevation 3,070 feet above NAVD88

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

This well is completed in the Castile Formation (312CSTL) 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
1981-05-01			D 62610		3050.88	NGVD29	1		Z	
1981-05-01			D 62611		3052.48	NAVD88	1		Z	
1981-05-01			D 72019	17.52			1		Z	
1983-01-25			D 62610		3052.15	NGVD29	1		Z	
1983-01-25			D 62611		3053.75	NAVD88	1		Z	
1983-01-25			D 72019	16.25			1		Z	
1987-10-13			D 62610		3053.27	NGVD29	1		Z	
1987-10-13			D 62611		3054.87	NAVD88	1		Z	
1987-10-13			D 72019	15.13			1		Z	
1992-11-03			D 62610		3050.77	NGVD29	1		S	
1992-11-03			D 62611		3052.37	NAVD88	1		S	
1992-11-03			D 72019	17.63			1		S	
1998-01-22			D 62610		3052.05	NGVD29	1		S	
1998-01-22			D 62611		3053.65	NAVD88	1		S	
1998-01-22			D 72019	16.35			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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Page Last Modified: 2021-08-06 09:24:15 EDT

0.32 0.29 nadww01



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)						X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng		
	C 02160 S7	3	3	1	22	26S	28E	586638	3543998*
									
Driller License:					Driller Company:				
Driller Name: HEMLER									
Drill Start Date:			Drill Finish Date:			01/01/1961		Plug Date:	
Log File Date:			PCW Rev Date:					Source: Shallow	
Pump Type:			Pipe Discharge Size:					Estimated Yield:	
Casing Size:			Depth Well:			300 feet		Depth Water: 120 feet	

*UTM location was derived from PLSS - see Help

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8/6/21 7:21 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	04022 POD1	4	4	2	15	26S	28E	588082	3545647 

Driller License:	1184	Driller Company:	WEST TEXAS WATER WELL SERVICE						
Driller Name:	KEITH, RONNY								
Drill Start Date:	05/01/2017	Drill Finish Date:	05/05/2017				Plug Date:		
Log File Date:	06/05/2017	PCW Rcv Date:					Source:	Shallow	
Pump Type:		Pipe Discharge Size:					Estimated Yield:	1 GPM	
Casing Size:	12.25	Depth Well:	220 feet				Depth Water:	175 feet	

Water Bearing Stratifications:		Top	Bottom	Description
		175	180	Sandstone/Gravel/Conglomerate

Casing Perforations:		Top	Bottom
		160	220

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USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico GO

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- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320309104020401

Minimum number of levels = 1

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

USGS 320309104020401 26S.28E.14.11111

Eddy County, New Mexico

Latitude 32°02'59.0", Longitude 104°03'58.7" NAD83

Land-surface elevation 2,972.00 feet above NGVD29

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

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1978-01-13			D 62610		2849.66	NGVD29	1		Z	
1978-01-13			D 62611		2851.23	NAVD88	1		Z	
1978-01-13			D 72019	122.34			1		Z	
1983-01-25			D 62610		2844.62	NGVD29	1		Z	
1983-01-25			D 62611		2846.19	NAVD88	1		Z	
1983-01-25			D 72019	127.38			1		Z	
1987-10-14			D 62610		2865.60	NGVD29	1		Z	
1987-10-14			D 62611		2867.17	NAVD88	1		Z	
1987-10-14			D 72019	106.40			1		Z	
1993-01-05			D 62610		2871.58	NGVD29	1		S	
1993-01-05			D 62611		2873.15	NAVD88	1		S	
1993-01-05			D 72019	100.42			1		S	
1998-01-22			D 62610		2875.45	NGVD29	1		S	
1998-01-22			D 62611		2877.02	NAVD88	1		S	
1998-01-22			D 72019	96.55			1		S	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
2003-01-27			D	62610	2874.98	NGVD29	1	S	USGS	
2003-01-27			D	62611	2876.55	NAVD88	1	S	USGS	
2003-01-27			D	72019	97.02		1	S	USGS	
2013-01-09	20:30 UTC		m	62610	2832.88	NGVD29	1	S	USGS	
2013-01-09	20:30 UTC		m	62611	2834.45	NAVD88	1	S	USGS	
2013-01-09	20:30 UTC		m	72019	139.12		1	S	USGS	
2021-02-24	20:05 UTC		m	62610	2816.08	NGVD29	1	V	USGS	
2021-02-24	20:05 UTC		m	62611	2817.65	NAVD88	1	V	USGS	
2021-02-24	20:05 UTC		m	72019	155.92		1	V	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	V	Calibrated electric-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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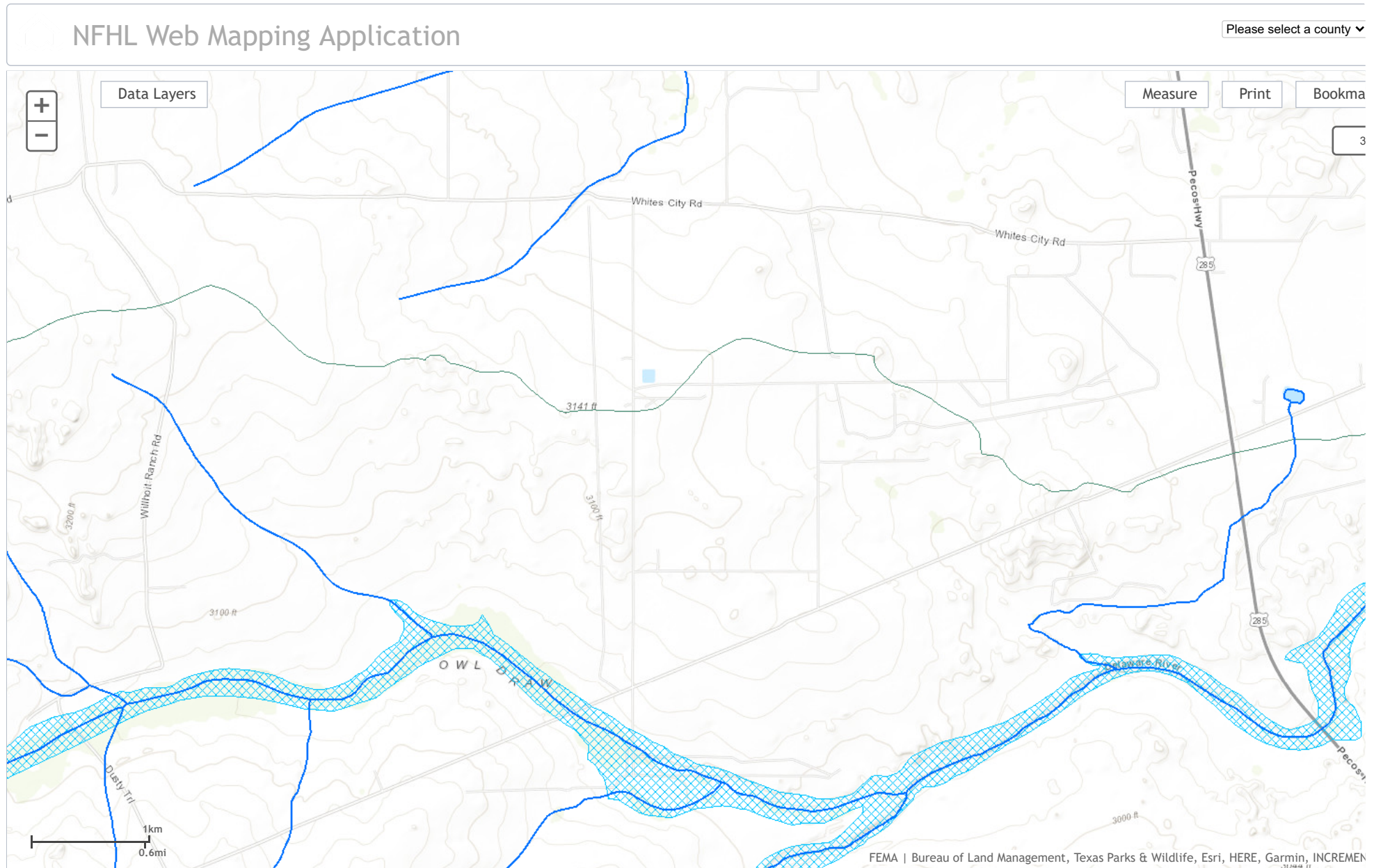
Title: Groundwater for New Mexico: Water Levels

URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=320309104020401&agency_cd=USGS&format=htmlPage Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2021-08-06 09:25:19 EDT

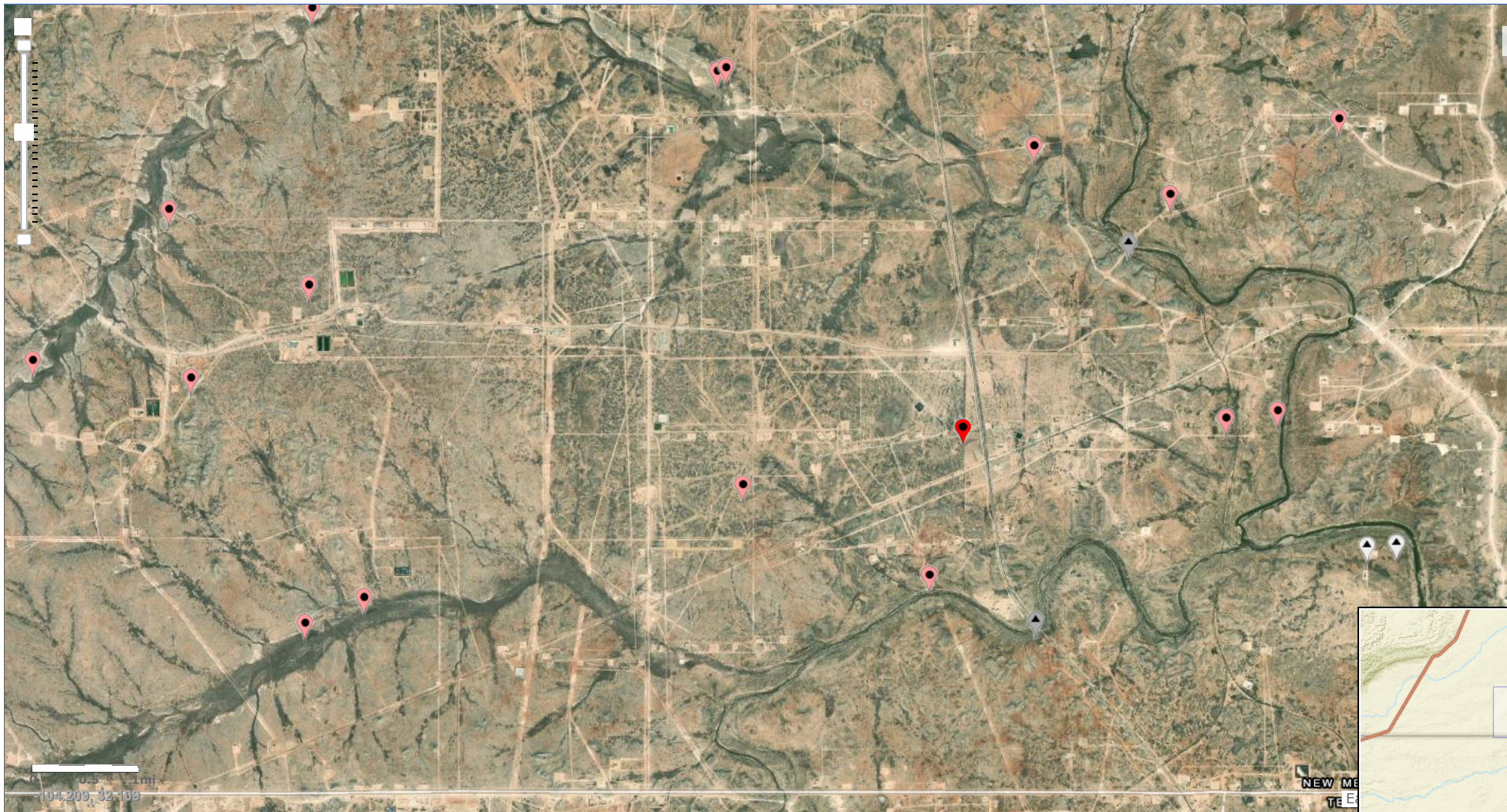
0.28 0.24 nadww01







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: 880-5163-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: SRO State 65H (07.23.21)
Revision: 1

For:

NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Mike Carmona

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

Authorized for release by:
9/14/2021 1:48:23 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: SRO State 65H (07.23.21)

Laboratory Job ID: 880-5163-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, 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
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

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Case Narrative

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
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Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-5163-1

Comments

No additional comments.

Revision

The report being provided is a revision of the original report sent on 8/23/2021. The report (revision 1) is being revised due to: Page 3 missing of Chain of Custody in final report.

Receipt

The samples were received on 8/17/2021 11:27 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 was 2.6° C.

Receipt Exceptions

Page 3 missing of Chain of Custody in final report

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-6670 and analytical batch 880-6652 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: BENZENE failed low. Batch is accepted due to passing ccv's with the 12 hour run time.
(CCV 880-6652/33)

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-6651/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-6670/5-A). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

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

General Chemistry

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-5163-1

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/17/21 11:52	08/18/21 06:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/17/21 11:52	08/18/21 06:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/17/21 11:52	08/18/21 06:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/17/21 11:52	08/18/21 06:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/17/21 11:52	08/18/21 06:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/17/21 11:52	08/18/21 06:34	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/17/21 11:52	08/18/21 06:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/17/21 11:52	08/18/21 06:34	1
1,4-Difluorobenzene (Surr)	117		70 - 130	08/17/21 11:52	08/18/21 06:34	1

Method: 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		08/18/21 09:10	08/18/21 14:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 14:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 14:38	1
Total TPH	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	08/18/21 09:10	08/18/21 14:38	1
o-Terphenyl	107		70 - 130	08/18/21 09:10	08/18/21 14:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11300		99.6		mg/Kg			08/21/21 17:56	20

Client Sample ID: T-1 (1')

Lab Sample ID: 880-5163-2

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:31

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6400		101		mg/Kg			08/19/21 17:34	20

Client Sample ID: T-1 (2')

Lab Sample ID: 880-5163-3

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:31

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4330		25.1		mg/Kg			08/19/21 17:39	5

Client Sample ID: T-1 (3')

Lab Sample ID: 880-5163-4

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:31

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1930		25.0		mg/Kg			08/21/21 18:01	5

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Client Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (4')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-5

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	393		4.95		mg/Kg			08/20/21 11:56	1

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

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-6

Matrix: Solid

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		08/17/21 11:52	08/18/21 07:01	1
Toluene	0.0146		0.00202		mg/Kg		08/17/21 11:52	08/18/21 07:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/17/21 11:52	08/18/21 07:01	1
m-Xylene & p-Xylene	0.00515		0.00403		mg/Kg		08/17/21 11:52	08/18/21 07:01	1
o-Xylene	0.00208		0.00202		mg/Kg		08/17/21 11:52	08/18/21 07:01	1
Xylenes, Total	0.00723		0.00403		mg/Kg		08/17/21 11:52	08/18/21 07:01	1
Total BTEX	0.0218		0.00403		mg/Kg		08/17/21 11:52	08/18/21 07:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				08/17/21 11:52	08/18/21 07:01	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/17/21 11:52	08/18/21 07:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/18/21 09:10	08/18/21 15:00	1
Diesel Range Organics (Over C10-C28)	71.8		49.8		mg/Kg		08/18/21 09:10	08/18/21 15:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/21 09:10	08/18/21 15:00	1
Total TPH	71.8		49.8		mg/Kg		08/18/21 09:10	08/18/21 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/18/21 09:10	08/18/21 15:00	1
o-Terphenyl	105		70 - 130				08/18/21 09:10	08/18/21 15:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13200		100		mg/Kg			08/19/21 18:42	20

Client Sample ID: T-2 (1')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-7

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11700		100		mg/Kg			08/19/21 18:58	20

Client Sample ID: T-2 (2')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-8

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6930		49.8		mg/Kg			08/19/21 19:03	10

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Client Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (3')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-9

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5390		49.7		mg/Kg			08/19/21 19:19	10

Client Sample ID: T-2 (4')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-10

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	636		50.0		mg/Kg			08/19/21 19:24	10

Client Sample ID: T-2 (5')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-11

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	368		5.00		mg/Kg			08/20/21 12:01	1

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

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-12

Matrix: Solid

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		08/17/21 11:52	08/18/21 07:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/21 11:52	08/18/21 07:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/21 11:52	08/18/21 07:28	1
m-Xylene & p-Xylene	0.00455		0.00398		mg/Kg		08/17/21 11:52	08/18/21 07:28	1
o-Xylene	0.00307		0.00199		mg/Kg		08/17/21 11:52	08/18/21 07:28	1
Xylenes, Total	0.00762		0.00398		mg/Kg		08/17/21 11:52	08/18/21 07:28	1
Total BTEX	0.00762		0.00398		mg/Kg		08/17/21 11:52	08/18/21 07:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/17/21 11:52	08/18/21 07:28	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/17/21 11:52	08/18/21 07:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 15:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 15:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 15:21	1
Total TPH	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 15:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	08/18/21 09:10	08/18/21 15:21	1
o-Terphenyl	109		70 - 130	08/18/21 09:10	08/18/21 15:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4770		49.6		mg/Kg			08/19/21 19:35	10

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Client Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (1')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-13

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5120		49.7		mg/Kg			08/19/21 19:40	10

Client Sample ID: T-3 (2')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-14

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2790		24.8		mg/Kg			08/19/21 19:45	5

Client Sample ID: T-3 (3')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-15

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2800		25.0		mg/Kg			08/19/21 19:51	5

Client Sample ID: T-3 (4')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-16

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1270		4.98		mg/Kg			08/19/21 19:49	1

Client Sample ID: T-3 (5')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-17

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1490		50.0		mg/Kg			08/19/21 19:54	10

Client Sample ID: T-3 (6')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-18

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	269		25.0		mg/Kg			08/19/21 20:00	5

Client Sample ID: T-4 (0-1')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-19

Matrix: Solid

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		08/17/21 11:52	08/18/21 09:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 09:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 09:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/17/21 11:52	08/18/21 09:16	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-5163-19

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 09:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/17/21 11:52	08/18/21 09:16	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/17/21 11:52	08/18/21 09:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/17/21 11:52	08/18/21 09:16	1
1,4-Difluorobenzene (Surr)	105		70 - 130				08/17/21 11:52	08/18/21 09:16	1

Method: 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		08/18/21 09:10	08/18/21 15:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 15:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 15:43	1
Total TPH	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				08/18/21 09:10	08/18/21 15:43	1
o-Terphenyl	98		70 - 130				08/18/21 09:10	08/18/21 15:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8550		99.6		mg/Kg			08/19/21 20:17	20

Client Sample ID: T-4 (1')

Lab Sample ID: 880-5163-20

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:31

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7950		99.2		mg/Kg			08/19/21 20:22	20

Client Sample ID: T-4 (2')

Lab Sample ID: 880-5163-21

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:31

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6760		49.6		mg/Kg			08/19/21 20:39	10

Client Sample ID: T-4 (3')

Lab Sample ID: 880-5163-22

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:31

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		24.9		mg/Kg			08/19/21 20:45	5

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (4')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-23

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		4.95		mg/Kg			08/19/21 20:50	1

Client Sample ID: T-4 (5')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-24

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	544		5.04		mg/Kg			08/19/21 20:56	1

Client Sample ID: T-4 (6')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-25

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	224		24.9		mg/Kg			08/19/21 21:01	5

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Surrogate Summary

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-5151-A-2-B MS	Matrix Spike	68 S1-	110
880-5151-A-2-C MSD	Matrix Spike Duplicate	75	101
880-5163-1	T-1 (0-1')	95	117
880-5163-6	T-2 (0-1')	80	103
880-5163-12	T-3 (0-1')	91	95
880-5163-19	T-4 (0-1')	112	105
LCS 880-6670/1-A	Lab Control Sample	77	103
LCSD 880-6670/2-A	Lab Control Sample Dup	84	100
MB 880-6651/5-A	Method Blank	60 S1-	99
MB 880-6670/5-A	Method Blank	59 S1-	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-5162-A-1-F MS	Matrix Spike	92	86
880-5162-A-1-G MSD	Matrix Spike Duplicate	85	78
880-5163-1	T-1 (0-1')	101	107
880-5163-6	T-2 (0-1')	99	105
880-5163-12	T-3 (0-1')	102	109
880-5163-19	T-4 (0-1')	92	98
LCS 880-6702/2-A	Lab Control Sample	97	98
LCSD 880-6702/3-A	Lab Control Sample Dup	93	93
MB 880-6702/1-A	Method Blank	124	132 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6651/5-A

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/17/21 09:21	08/17/21 13:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130	08/17/21 09:21	08/17/21 13:27	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/17/21 09:21	08/17/21 13:27	1

Lab Sample ID: MB 880-6670/5-A

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6670

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/17/21 11:52	08/18/21 03:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	59	S1-	70 - 130	08/17/21 11:52	08/18/21 03:07	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/17/21 11:52	08/18/21 03:07	1

Lab Sample ID: LCS 880-6670/1-A

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07405		mg/Kg		74	70 - 130
Toluene	0.100	0.07816		mg/Kg		78	70 - 130
Ethylbenzene	0.100	0.07724		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.200	0.1547		mg/Kg		77	70 - 130
o-Xylene	0.100	0.07543		mg/Kg		75	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	77		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-6670/2-A

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6670

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08175		mg/Kg		82	70 - 130	10	35
Toluene	0.100	0.08598		mg/Kg		86	70 - 130	10	35
Ethylbenzene	0.100	0.08510		mg/Kg		85	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1707		mg/Kg		85	70 - 130	10	35
o-Xylene	0.100	0.08415		mg/Kg		84	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-5151-A-2-B MS

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 6670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0996	0.04567	F1	mg/Kg		46	70 - 130		
Toluene	<0.00200	U F1	0.0996	0.04783	F1	mg/Kg		48	70 - 130		
Ethylbenzene	<0.00200	U F1	0.0996	0.05311	F1	mg/Kg		53	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1	0.199	0.1040	F1	mg/Kg		52	70 - 130		
o-Xylene	<0.00200	U F1	0.0996	0.04934	F1	mg/Kg		50	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-5151-A-2-C MSD

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 6670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06295	F1	mg/Kg		63	70 - 130	32	35
Toluene	<0.00200	U F1	0.100	0.06772	F1	mg/Kg		68	70 - 130	34	35
Ethylbenzene	<0.00200	U F1	0.100	0.06805	F1	mg/Kg		68	70 - 130	25	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1357	F1	mg/Kg		68	70 - 130	26	35
o-Xylene	<0.00200	U F1	0.100	0.06583	F1	mg/Kg		66	70 - 130	29	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	75		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-6702/1-A

Matrix: Solid

Analysis Batch: 6700

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6702

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		08/18/21 09:10	08/18/21 11:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/21 09:10	08/18/21 11:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/21 09:10	08/18/21 11:06	1
Total TPH	<50.0	U	50.0		mg/Kg		08/18/21 09:10	08/18/21 11:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	08/18/21 09:10	08/18/21 11:06	1
o-Terphenyl	132	S1+	70 - 130	08/18/21 09:10	08/18/21 11:06	1

Lab Sample ID: LCS 880-6702/2-A

Matrix: Solid

Analysis Batch: 6700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6702

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	848.1		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	970.3		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-6702/3-A

Matrix: Solid

Analysis Batch: 6700

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6702

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	778.9		mg/Kg		78	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	924.0		mg/Kg		92	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-5162-A-1-F MS

Matrix: Solid

Analysis Batch: 6700

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 6702

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	871.5		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1194		mg/Kg		120	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-5162-A-1-F MS

Matrix: Solid

Analysis Batch: 6700

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 6702

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: 880-5162-A-1-G MSD

Matrix: Solid

Analysis Batch: 6700

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 6702

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	845.1		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1108		mg/Kg		111	70 - 130	7	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	78		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6676/1-A

Matrix: Solid

Analysis Batch: 6796

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			08/19/21 16:25	1

Lab Sample ID: LCS 880-6676/2-A

Matrix: Solid

Analysis Batch: 6796

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	256.2		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-6676/3-A

Matrix: Solid

Analysis Batch: 6796

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	0	20

Lab Sample ID: 880-5163-6 MS

Matrix: Solid

Analysis Batch: 6796

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	13200		5000	18360		mg/Kg		102	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-5163-6 MSD

Matrix: Solid

Analysis Batch: 6796

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13200		5000	18520		mg/Kg		105	90 - 110	1	20

Lab Sample ID: MB 880-6677/1-A

Matrix: Solid

Analysis Batch: 6799

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			08/19/21 18:25	1

Lab Sample ID: LCS 880-6677/2-A

Matrix: Solid

Analysis Batch: 6799

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	258.2		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-6677/3-A

Matrix: Solid

Analysis Batch: 6799

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	257.4		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-5163-18 MS

Matrix: Solid

Analysis Batch: 6799

Client Sample ID: T-3 (6')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	269		1250	1594		mg/Kg		106	90 - 110

Lab Sample ID: 880-5163-18 MSD

Matrix: Solid

Analysis Batch: 6799

Client Sample ID: T-3 (6')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	269		1250	1595		mg/Kg		106	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 6651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-6651/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 6652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5163-1	T-1 (0-1')	Total/NA	Solid	8021B	6670
880-5163-6	T-2 (0-1')	Total/NA	Solid	8021B	6670
880-5163-12	T-3 (0-1')	Total/NA	Solid	8021B	6670
880-5163-19	T-4 (0-1')	Total/NA	Solid	8021B	6670
MB 880-6651/5-A	Method Blank	Total/NA	Solid	8021B	6651
MB 880-6670/5-A	Method Blank	Total/NA	Solid	8021B	6670
LCS 880-6670/1-A	Lab Control Sample	Total/NA	Solid	8021B	6670
LCSD 880-6670/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6670
880-5151-A-2-B MS	Matrix Spike	Total/NA	Solid	8021B	6670
880-5151-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	6670

Prep Batch: 6670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5163-1	T-1 (0-1')	Total/NA	Solid	5035	
880-5163-6	T-2 (0-1')	Total/NA	Solid	5035	
880-5163-12	T-3 (0-1')	Total/NA	Solid	5035	
880-5163-19	T-4 (0-1')	Total/NA	Solid	5035	
MB 880-6670/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6670/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6670/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5151-A-2-B MS	Matrix Spike	Total/NA	Solid	5035	
880-5151-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 6700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5163-1	T-1 (0-1')	Total/NA	Solid	8015B NM	6702
880-5163-6	T-2 (0-1')	Total/NA	Solid	8015B NM	6702
880-5163-12	T-3 (0-1')	Total/NA	Solid	8015B NM	6702
880-5163-19	T-4 (0-1')	Total/NA	Solid	8015B NM	6702
MB 880-6702/1-A	Method Blank	Total/NA	Solid	8015B NM	6702
LCS 880-6702/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6702
LCSD 880-6702/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6702
880-5162-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	6702
880-5162-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	6702

Prep Batch: 6702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5163-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-5163-6	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-5163-12	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-5163-19	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-6702/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6702/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6702/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5162-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 6702 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5162-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 6676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5163-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-5163-2	T-1 (1')	Soluble	Solid	DI Leach	
880-5163-3	T-1 (2')	Soluble	Solid	DI Leach	
880-5163-4	T-1 (3')	Soluble	Solid	DI Leach	
880-5163-5	T-1 (4')	Soluble	Solid	DI Leach	
880-5163-6	T-2 (0-1')	Soluble	Solid	DI Leach	
880-5163-7	T-2 (1')	Soluble	Solid	DI Leach	
880-5163-8	T-2 (2')	Soluble	Solid	DI Leach	
880-5163-9	T-2 (3')	Soluble	Solid	DI Leach	
880-5163-10	T-2 (4')	Soluble	Solid	DI Leach	
880-5163-11	T-2 (5')	Soluble	Solid	DI Leach	
880-5163-12	T-3 (0-1')	Soluble	Solid	DI Leach	
880-5163-13	T-3 (1')	Soluble	Solid	DI Leach	
880-5163-14	T-3 (2')	Soluble	Solid	DI Leach	
880-5163-15	T-3 (3')	Soluble	Solid	DI Leach	
MB 880-6676/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6676/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6676/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5163-6 MS	T-2 (0-1')	Soluble	Solid	DI Leach	
880-5163-6 MSD	T-2 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 6677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5163-16	T-3 (4')	Soluble	Solid	DI Leach	
880-5163-17	T-3 (5')	Soluble	Solid	DI Leach	
880-5163-18	T-3 (6')	Soluble	Solid	DI Leach	
880-5163-19	T-4 (0-1')	Soluble	Solid	DI Leach	
880-5163-20	T-4 (1')	Soluble	Solid	DI Leach	
880-5163-21	T-4 (2')	Soluble	Solid	DI Leach	
880-5163-22	T-4 (3')	Soluble	Solid	DI Leach	
880-5163-23	T-4 (4')	Soluble	Solid	DI Leach	
880-5163-24	T-4 (5')	Soluble	Solid	DI Leach	
880-5163-25	T-4 (6')	Soluble	Solid	DI Leach	
MB 880-6677/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6677/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6677/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5163-18 MS	T-3 (6')	Soluble	Solid	DI Leach	
880-5163-18 MSD	T-3 (6')	Soluble	Solid	DI Leach	

Analysis Batch: 6796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5163-1	T-1 (0-1')	Soluble	Solid	300.0	6676
880-5163-2	T-1 (1')	Soluble	Solid	300.0	6676
880-5163-3	T-1 (2')	Soluble	Solid	300.0	6676
880-5163-4	T-1 (3')	Soluble	Solid	300.0	6676

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 6796 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5163-5	T-1 (4')	Soluble	Solid	300.0	6676
880-5163-6	T-2 (0-1')	Soluble	Solid	300.0	6676
880-5163-7	T-2 (1')	Soluble	Solid	300.0	6676
880-5163-8	T-2 (2')	Soluble	Solid	300.0	6676
880-5163-9	T-2 (3')	Soluble	Solid	300.0	6676
880-5163-10	T-2 (4')	Soluble	Solid	300.0	6676
880-5163-11	T-2 (5')	Soluble	Solid	300.0	6676
880-5163-12	T-3 (0-1')	Soluble	Solid	300.0	6676
880-5163-13	T-3 (1')	Soluble	Solid	300.0	6676
880-5163-14	T-3 (2')	Soluble	Solid	300.0	6676
880-5163-15	T-3 (3')	Soluble	Solid	300.0	6676
MB 880-6676/1-A	Method Blank	Soluble	Solid	300.0	6676
LCS 880-6676/2-A	Lab Control Sample	Soluble	Solid	300.0	6676
LCSD 880-6676/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6676
880-5163-6 MS	T-2 (0-1')	Soluble	Solid	300.0	6676
880-5163-6 MSD	T-2 (0-1')	Soluble	Solid	300.0	6676

Analysis Batch: 6799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5163-16	T-3 (4')	Soluble	Solid	300.0	6677
880-5163-17	T-3 (5')	Soluble	Solid	300.0	6677
880-5163-18	T-3 (6')	Soluble	Solid	300.0	6677
880-5163-19	T-4 (0-1')	Soluble	Solid	300.0	6677
880-5163-20	T-4 (1')	Soluble	Solid	300.0	6677
880-5163-21	T-4 (2')	Soluble	Solid	300.0	6677
880-5163-22	T-4 (3')	Soluble	Solid	300.0	6677
880-5163-23	T-4 (4')	Soluble	Solid	300.0	6677
880-5163-24	T-4 (5')	Soluble	Solid	300.0	6677
880-5163-25	T-4 (6')	Soluble	Solid	300.0	6677
MB 880-6677/1-A	Method Blank	Soluble	Solid	300.0	6677
LCS 880-6677/2-A	Lab Control Sample	Soluble	Solid	300.0	6677
LCSD 880-6677/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6677
880-5163-18 MS	T-3 (6')	Soluble	Solid	300.0	6677
880-5163-18 MSD	T-3 (6')	Soluble	Solid	300.0	6677

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

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

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	6670	08/17/21 11:52	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6652	08/18/21 06:34	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6702	08/18/21 09:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6700	08/18/21 14:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		20			6796	08/21/21 17:56	CH	XEN MID

Client Sample ID: T-1 (1')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		20			6796	08/19/21 17:34	CH	XEN MID

Client Sample ID: T-1 (2')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		5			6796	08/19/21 17:39	CH	XEN MID

Client Sample ID: T-1 (3')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		5			6796	08/21/21 18:01	CH	XEN MID

Client Sample ID: T-1 (4')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		1			6796	08/20/21 11:56	CH	XEN MID

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

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	6670	08/17/21 11:52	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6652	08/18/21 07:01	MR	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

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

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6702	08/18/21 09:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6700	08/18/21 15:00	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		20			6796	08/19/21 18:42	CH	XEN MID

Client Sample ID: T-2 (1')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		20			6796	08/19/21 18:58	CH	XEN MID

Client Sample ID: T-2 (2')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		10			6796	08/19/21 19:03	CH	XEN MID

Client Sample ID: T-2 (3')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		10			6796	08/19/21 19:19	CH	XEN MID

Client Sample ID: T-2 (4')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		10			6796	08/19/21 19:24	CH	XEN MID

Client Sample ID: T-2 (5')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		1			6796	08/20/21 12:01	CH	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

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

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	6670	08/17/21 11:52	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6652	08/18/21 07:28	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6702	08/18/21 09:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6700	08/18/21 15:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		10			6796	08/19/21 19:35	CH	XEN MID

Client Sample ID: T-3 (1')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		10			6796	08/19/21 19:40	CH	XEN MID

Client Sample ID: T-3 (2')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		5			6796	08/19/21 19:45	CH	XEN MID

Client Sample ID: T-3 (3')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		5			6796	08/19/21 19:51	CH	XEN MID

Client Sample ID: T-3 (4')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	6677	08/17/21 14:36	CH	XEN MID
Soluble	Analysis	300.0		1			6799	08/19/21 19:49	CH	XEN MID

Client Sample ID: T-3 (5')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	6677	08/17/21 14:36	CH	XEN MID
Soluble	Analysis	300.0		10			6799	08/19/21 19:54	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (6')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	6677	08/17/21 14:36	CH	XEN MID
Soluble	Analysis	300.0		5			6799	08/19/21 20:00	CH	XEN MID

Client Sample ID: T-4 (0-1')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	6670	08/17/21 11:52	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6652	08/18/21 09:16	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6702	08/18/21 09:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6700	08/18/21 15:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6677	08/17/21 14:36	CH	XEN MID
Soluble	Analysis	300.0		20			6799	08/19/21 20:17	CH	XEN MID

Client Sample ID: T-4 (1')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	6677	08/17/21 14:36	CH	XEN MID
Soluble	Analysis	300.0		20			6799	08/19/21 20:22	CH	XEN MID

Client Sample ID: T-4 (2')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	6677	08/17/21 14:36	CH	XEN MID
Soluble	Analysis	300.0		10			6799	08/19/21 20:39	CH	XEN MID

Client Sample ID: T-4 (3')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	6677	08/17/21 14:36	CH	XEN MID
Soluble	Analysis	300.0		5			6799	08/19/21 20:45	CH	XEN MID

Client Sample ID: T-4 (4')

Date Collected: 08/16/21 00:00

Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	6677	08/17/21 14:36	CH	XEN MID
Soluble	Analysis	300.0		1			6799	08/19/21 20:50	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (5')
Date Collected: 08/16/21 00:00
Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	6677	08/17/21 14:36	CH	XEN MID
Soluble	Analysis	300.0		1			6799	08/19/21 20:56	CH	XEN MID

Client Sample ID: T-4 (6')
Date Collected: 08/16/21 00:00
Date Received: 08/17/21 11:31

Lab Sample ID: 880-5163-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	6677	08/17/21 14:36	CH	XEN MID
Soluble	Analysis	300.0		5			6799	08/19/21 21:01	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: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5163-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-5163-1	T-1 (0-1')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-2	T-1 (1')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-3	T-1 (2')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-4	T-1 (3')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-5	T-1 (4')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-6	T-2 (0-1')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-7	T-2 (1')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-8	T-2 (2')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-9	T-2 (3')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-10	T-2 (4')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-11	T-2 (5')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-12	T-3 (0-1')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-13	T-3 (1')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-14	T-3 (2')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-15	T-3 (3')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-16	T-3 (4')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-17	T-3 (5')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-18	T-3 (6')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-19	T-4 (0-1')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-20	T-4 (1')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-21	T-4 (2')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-22	T-4 (3')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-23	T-4 (4')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-24	T-4 (5')	Solid	08/16/21 00:00	08/17/21 11:31
880-5163-25	T-4 (6')	Solid	08/16/21 00:00	08/17/21 11:31



Chain of Custody



880-5163 Chain of Custody

Page 1 of 3

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 Xencro, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xencro 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 Xencro. A minimum charge of \$35.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencro, 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>James M. Jones</i>	<i>J. M. Jones</i>	8/17/21 11:27			



Chris O'Grady

Loc: 880
5163
Work Ord

Page 2 of 3

Project Manager	Mike Carmiona	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.

[illegible]



Genetic Cystitis

Work Order No: _____

Page 3 of 3

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	

Project Name.		SRO State 65H (07 23 21)		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number		214471		☐ Routine ☒ Rush		Press. Code												None NO		DI Water- H ₂ O	
Project Location		Eddy Co. NM		Due Date		72 Hrs												Cool Cool		MeOH Me	
Sampler's Name		CRM																HCL HC		HNO ₃ HN	
PO #:																		H ₂ SO ₄ H ₂		NaOH Na	
SAMPLE RECEIPT		Temp Blank.		Yes No		Met Ice.		Yes No										H ₃ PO ₄ HP			
Received Intact:		Yes No				Thermometer ID												NaHSO ₄ NABIS			
Cooler Custody Seals.		Yes No		N/A		Correction Factor												Na ₂ S ₂ O ₃ NASO ₃			
Sample Custody Seals.		Yes No		N/A		Temperature Reading												Zn Acetate+NaOH Zn			
Total Containers.						Corrected Temperature												NaOH+Ascorbic Acid		SAPC	

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xencro, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xencro 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 Xencro. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencro, 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>James M. [Signature]</i>	<i>[Signature]</i>	8/17/21 11:27			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-5163-1

SDG Number: Eddy Co, NM

Login Number: 5163

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, Midland

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-5162-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: SRO State 65H (07.23.21)

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:
8/23/2021 9:28:17 AM

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: SRO State 65H (07.23.21)

Laboratory Job ID: 880-5162-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: NT Global

Job ID: 880-5162-1

Project/Site: SRO State 65H (07.23.21)

SDG: Eddy Co, NM

Qualifiers

GC VOA

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

Glossary

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

Eurofins Xenco, Midland

Case Narrative

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

Job ID: 880-5162-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-5162-1****Receipt**

The samples were received on 8/17/2021 11:29 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 2.6°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: H-2 (0-6") (880-5162-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-6651/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-6670/5-A). Evidence of matrix interferences is not obvious.

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

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: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-5162-1

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:29

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		08/17/21 11:52	08/18/21 09:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/17/21 11:52	08/18/21 09:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/17/21 11:52	08/18/21 09:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/17/21 11:52	08/18/21 09:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/17/21 11:52	08/18/21 09:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/17/21 11:52	08/18/21 09:43	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/17/21 11:52	08/18/21 09:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/17/21 11:52	08/18/21 09:43	1
1,4-Difluorobenzene (Surr)	114		70 - 130	08/17/21 11:52	08/18/21 09:43	1

Method: 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		08/18/21 09:10	08/18/21 12:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/21 09:10	08/18/21 12:09	1
Oil Range Organics (Over C28-C36)	63.2		50.0		mg/Kg		08/18/21 09:10	08/18/21 12:09	1
Total TPH	63.2		50.0		mg/Kg		08/18/21 09:10	08/18/21 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	08/18/21 09:10	08/18/21 12:09	1
o-Terphenyl	96		70 - 130	08/18/21 09:10	08/18/21 12:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9	F1	5.00		mg/Kg			08/19/21 16:41	1

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

Lab Sample ID: 880-5162-2

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:29

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		08/17/21 11:52	08/18/21 10:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 10:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 10:09	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/17/21 11:52	08/18/21 10:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 10:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/17/21 11:52	08/18/21 10:09	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/17/21 11:52	08/18/21 10:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	64	S1-	70 - 130	08/17/21 11:52	08/18/21 10:09	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/17/21 11:52	08/18/21 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 13:13	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-5162-2

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:29

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)	635		49.9		mg/Kg		08/18/21 09:10	08/18/21 13:13	1
Oil Range Organics (Over C28-C36)	80.4		49.9		mg/Kg		08/18/21 09:10	08/18/21 13:13	1
Total TPH	715		49.9		mg/Kg		08/18/21 09:10	08/18/21 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	08/18/21 09:10	08/18/21 13:13	1
o-Terphenyl	100		70 - 130	08/18/21 09:10	08/18/21 13:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.4		4.96		mg/Kg			08/19/21 16:57	1

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

Lab Sample ID: 880-5162-3

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:29

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		08/17/21 11:52	08/18/21 10:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 10:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 10:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/17/21 11:52	08/18/21 10:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 10:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/17/21 11:52	08/18/21 10:35	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/17/21 11:52	08/18/21 10:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	08/17/21 11:52	08/18/21 10:35	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/17/21 11:52	08/18/21 10:35	1

Method: 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		08/18/21 09:10	08/18/21 13:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/18/21 09:10	08/18/21 13:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/21 09:10	08/18/21 13:34	1
Total TPH	<49.8	U	49.8		mg/Kg		08/18/21 09:10	08/18/21 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	08/18/21 09:10	08/18/21 13:34	1
o-Terphenyl	105		70 - 130	08/18/21 09:10	08/18/21 13:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.1		4.95		mg/Kg			08/20/21 11:40	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-5162-4

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:29

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		08/17/21 11:52	08/18/21 11:06	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/17/21 11:52	08/18/21 11:06	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/17/21 11:52	08/18/21 11:06	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/17/21 11:52	08/18/21 11:06	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/17/21 11:52	08/18/21 11:06	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/17/21 11:52	08/18/21 11:06	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/17/21 11:52	08/18/21 11:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	08/17/21 11:52	08/18/21 11:06	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/17/21 11:52	08/18/21 11:06	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		08/18/21 09:10	08/18/21 13:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 13:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 13:56	1
Total TPH	<49.9	U	49.9		mg/Kg		08/18/21 09:10	08/18/21 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	08/18/21 09:10	08/18/21 13:56	1
o-Terphenyl	104		70 - 130	08/18/21 09:10	08/18/21 13:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		4.99		mg/Kg			08/19/21 17:07	1

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

Lab Sample ID: 880-5162-5

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:29

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		08/17/21 11:52	08/18/21 11:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 11:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 11:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/21 11:52	08/18/21 11:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 11:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/21 11:52	08/18/21 11:32	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/17/21 11:52	08/18/21 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	08/17/21 11:52	08/18/21 11:32	1
1,4-Difluorobenzene (Surr)	116		70 - 130	08/17/21 11:52	08/18/21 11:32	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	<49.8	U	49.8		mg/Kg		08/18/21 09:10	08/18/21 14:17	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-5162-5

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:29

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		08/18/21 09:10	08/18/21 14:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/21 09:10	08/18/21 14:17	1
Total TPH	<49.8	U	49.8		mg/Kg		08/18/21 09:10	08/18/21 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/18/21 09:10	08/18/21 14:17	1
o-Terphenyl	111		70 - 130				08/18/21 09:10	08/18/21 14:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	204		4.98		mg/Kg			08/19/21 17:13	1

Surrogate Summary

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-5151-A-2-B MS	Matrix Spike	68 S1-	110
880-5151-A-2-C MSD	Matrix Spike Duplicate	75	101
880-5162-1	H-1 (0-6")	112	114
880-5162-2	H-2 (0-6")	64 S1-	89
880-5162-3	H-3 (0-6")	85	105
880-5162-4	H-4 (0-6")	81	106
880-5162-5	H-5 (0-6")	85	116
LCS 880-6670/1-A	Lab Control Sample	77	103
LCSD 880-6670/2-A	Lab Control Sample Dup	84	100
MB 880-6651/5-A	Method Blank	60 S1-	99
MB 880-6670/5-A	Method Blank	59 S1-	98
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-5162-1	H-1 (0-6")	93	96
880-5162-1 MS	H-1 (0-6")	92	86
880-5162-1 MSD	H-1 (0-6")	85	78
880-5162-2	H-2 (0-6")	97	100
880-5162-3	H-3 (0-6")	99	105
880-5162-4	H-4 (0-6")	99	104
880-5162-5	H-5 (0-6")	105	111
LCS 880-6702/2-A	Lab Control Sample	97	98
LCSD 880-6702/3-A	Lab Control Sample Dup	93	93
MB 880-6702/1-A	Method Blank	124	132 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6651/5-A

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/21 09:21	08/17/21 13:27	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/17/21 09:21	08/17/21 13:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130	08/17/21 09:21	08/17/21 13:27	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/17/21 09:21	08/17/21 13:27	1

Lab Sample ID: MB 880-6670/5-A

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6670

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/21 11:52	08/18/21 03:07	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/17/21 11:52	08/18/21 03:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	59	S1-	70 - 130	08/17/21 11:52	08/18/21 03:07	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/17/21 11:52	08/18/21 03:07	1

Lab Sample ID: LCS 880-6670/1-A

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07405		mg/Kg		74	70 - 130
Toluene	0.100	0.07816		mg/Kg		78	70 - 130
Ethylbenzene	0.100	0.07724		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.200	0.1547		mg/Kg		77	70 - 130
o-Xylene	0.100	0.07543		mg/Kg		75	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	77		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-6670/2-A

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6670

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08175		mg/Kg		82	70 - 130	10	35
Toluene	0.100	0.08598		mg/Kg		86	70 - 130	10	35
Ethylbenzene	0.100	0.08510		mg/Kg		85	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1707		mg/Kg		85	70 - 130	10	35
o-Xylene	0.100	0.08415		mg/Kg		84	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-5151-A-2-B MS

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 6670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0996	0.04567	F1	mg/Kg		46	70 - 130		
Toluene	<0.00200	U F1	0.0996	0.04783	F1	mg/Kg		48	70 - 130		
Ethylbenzene	<0.00200	U F1	0.0996	0.05311	F1	mg/Kg		53	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1	0.199	0.1040	F1	mg/Kg		52	70 - 130		
o-Xylene	<0.00200	U F1	0.0996	0.04934	F1	mg/Kg		50	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-5151-A-2-C MSD

Matrix: Solid

Analysis Batch: 6652

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 6670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06295	F1	mg/Kg		63	70 - 130	32	35
Toluene	<0.00200	U F1	0.100	0.06772	F1	mg/Kg		68	70 - 130	34	35
Ethylbenzene	<0.00200	U F1	0.100	0.06805	F1	mg/Kg		68	70 - 130	25	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1357	F1	mg/Kg		68	70 - 130	26	35
o-Xylene	<0.00200	U F1	0.100	0.06583	F1	mg/Kg		66	70 - 130	29	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	75		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-6702/1-A

Matrix: Solid

Analysis Batch: 6700

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6702

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		08/18/21 09:10	08/18/21 11:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/21 09:10	08/18/21 11:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/21 09:10	08/18/21 11:06	1
Total TPH	<50.0	U	50.0		mg/Kg		08/18/21 09:10	08/18/21 11:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	08/18/21 09:10	08/18/21 11:06	1
o-Terphenyl	132	S1+	70 - 130	08/18/21 09:10	08/18/21 11:06	1

Lab Sample ID: LCS 880-6702/2-A

Matrix: Solid

Analysis Batch: 6700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6702

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	848.1		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	970.3		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-6702/3-A

Matrix: Solid

Analysis Batch: 6700

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6702

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	778.9		mg/Kg		78	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	924.0		mg/Kg		92	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-5162-1 MS

Matrix: Solid

Analysis Batch: 6700

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

Prep Type: Total/NA

Prep Batch: 6702

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	871.5		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1194		mg/Kg		120	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-5162-1 MS

Matrix: Solid

Analysis Batch: 6700

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

Prep Type: Total/NA

Prep Batch: 6702

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: 880-5162-1 MSD

Matrix: Solid

Analysis Batch: 6700

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

Prep Type: Total/NA

Prep Batch: 6702

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	845.1		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1108		mg/Kg		111	70 - 130	7	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	78		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6676/1-A

Matrix: Solid

Analysis Batch: 6796

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			08/19/21 16:25	1

Lab Sample ID: LCS 880-6676/2-A

Matrix: Solid

Analysis Batch: 6796

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	256.2		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-6676/3-A

Matrix: Solid

Analysis Batch: 6796

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	0	20

Lab Sample ID: 880-5162-1 MS

Matrix: Solid

Analysis Batch: 6796

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	15.9	F1	250	313.8	F1	mg/Kg		119	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-5162-1 MSD							Client Sample ID: H-1 (0-6")					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 6796												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit	
Chloride	15.9	F1	250	301.0	F1	mg/Kg		114	90 - 110	4	20	

QC Association Summary

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 6651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-6651/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 6652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5162-1	H-1 (0-6")	Total/NA	Solid	8021B	6670
880-5162-2	H-2 (0-6")	Total/NA	Solid	8021B	6670
880-5162-3	H-3 (0-6")	Total/NA	Solid	8021B	6670
880-5162-4	H-4 (0-6")	Total/NA	Solid	8021B	6670
880-5162-5	H-5 (0-6")	Total/NA	Solid	8021B	6670
MB 880-6651/5-A	Method Blank	Total/NA	Solid	8021B	6651
MB 880-6670/5-A	Method Blank	Total/NA	Solid	8021B	6670
LCS 880-6670/1-A	Lab Control Sample	Total/NA	Solid	8021B	6670
LCSD 880-6670/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6670
880-5151-A-2-B MS	Matrix Spike	Total/NA	Solid	8021B	6670
880-5151-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	6670

Prep Batch: 6670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5162-1	H-1 (0-6")	Total/NA	Solid	5035	
880-5162-2	H-2 (0-6")	Total/NA	Solid	5035	
880-5162-3	H-3 (0-6")	Total/NA	Solid	5035	
880-5162-4	H-4 (0-6")	Total/NA	Solid	5035	
880-5162-5	H-5 (0-6")	Total/NA	Solid	5035	
MB 880-6670/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6670/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6670/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5151-A-2-B MS	Matrix Spike	Total/NA	Solid	5035	
880-5151-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 6700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5162-1	H-1 (0-6")	Total/NA	Solid	8015B NM	6702
880-5162-2	H-2 (0-6")	Total/NA	Solid	8015B NM	6702
880-5162-3	H-3 (0-6")	Total/NA	Solid	8015B NM	6702
880-5162-4	H-4 (0-6")	Total/NA	Solid	8015B NM	6702
880-5162-5	H-5 (0-6")	Total/NA	Solid	8015B NM	6702
MB 880-6702/1-A	Method Blank	Total/NA	Solid	8015B NM	6702
LCS 880-6702/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6702
LCSD 880-6702/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6702
880-5162-1 MS	H-1 (0-6")	Total/NA	Solid	8015B NM	6702
880-5162-1 MSD	H-1 (0-6")	Total/NA	Solid	8015B NM	6702

Prep Batch: 6702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5162-1	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-5162-2	H-2 (0-6")	Total/NA	Solid	8015NM Prep	
880-5162-3	H-3 (0-6")	Total/NA	Solid	8015NM Prep	
880-5162-4	H-4 (0-6")	Total/NA	Solid	8015NM Prep	
880-5162-5	H-5 (0-6")	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 6702 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-6702/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6702/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6702/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5162-1 MS	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-5162-1 MSD	H-1 (0-6")	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 6676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5162-1	H-1 (0-6")	Soluble	Solid	DI Leach	
880-5162-2	H-2 (0-6")	Soluble	Solid	DI Leach	
880-5162-3	H-3 (0-6")	Soluble	Solid	DI Leach	
880-5162-4	H-4 (0-6")	Soluble	Solid	DI Leach	
880-5162-5	H-5 (0-6")	Soluble	Solid	DI Leach	
MB 880-6676/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6676/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6676/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5162-1 MS	H-1 (0-6")	Soluble	Solid	DI Leach	
880-5162-1 MSD	H-1 (0-6")	Soluble	Solid	DI Leach	

Analysis Batch: 6796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5162-1	H-1 (0-6")	Soluble	Solid	300.0	6676
880-5162-2	H-2 (0-6")	Soluble	Solid	300.0	6676
880-5162-3	H-3 (0-6")	Soluble	Solid	300.0	6676
880-5162-4	H-4 (0-6")	Soluble	Solid	300.0	6676
880-5162-5	H-5 (0-6")	Soluble	Solid	300.0	6676
MB 880-6676/1-A	Method Blank	Soluble	Solid	300.0	6676
LCS 880-6676/2-A	Lab Control Sample	Soluble	Solid	300.0	6676
LCSD 880-6676/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6676
880-5162-1 MS	H-1 (0-6")	Soluble	Solid	300.0	6676
880-5162-1 MSD	H-1 (0-6")	Soluble	Solid	300.0	6676

Lab Chronicle

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-5162-1

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:29

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	6670	08/17/21 11:52	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6652	08/18/21 09:43	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6702	08/18/21 09:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6700	08/18/21 12:09	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		1			6796	08/19/21 16:41	CH	XEN MID

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

Lab Sample ID: 880-5162-2

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:29

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	6670	08/17/21 11:52	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6652	08/18/21 10:09	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6702	08/18/21 09:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6700	08/18/21 13:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		1			6796	08/19/21 16:57	CH	XEN MID

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

Lab Sample ID: 880-5162-3

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:29

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	6670	08/17/21 11:52	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6652	08/18/21 10:35	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6702	08/18/21 09:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6700	08/18/21 13:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		1			6796	08/20/21 11:40	CH	XEN MID

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

Lab Sample ID: 880-5162-4

Date Collected: 08/16/21 00:00

Matrix: Solid

Date Received: 08/17/21 11:29

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	6670	08/17/21 11:52	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6652	08/18/21 11:06	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6702	08/18/21 09:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6700	08/18/21 13:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		1			6796	08/19/21 17:07	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

Client Sample ID: H-5 (0-6")
Date Collected: 08/16/21 00:00
Date Received: 08/17/21 11:29

Lab Sample ID: 880-5162-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6670	08/17/21 11:52	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6652	08/18/21 11:32	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6702	08/18/21 09:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6700	08/18/21 14:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6676	08/17/21 14:33	CH	XEN MID
Soluble	Analysis	300.0		1			6796	08/19/21 17:13	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: SRO State 65H (07.23.21)

Job ID: 880-5162-1
SDG: Eddy Co, NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	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

Method Summary

Client: NT Global

Job ID: 880-5162-1

Project/Site: SRO State 65H (07.23.21)

SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: NT Global

Project/Site: SRO State 65H (07.23.21)

Job ID: 880-5162-1

SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-5162-1	H-1 (0-6")	Solid	08/16/21 00:00	08/17/21 11:29
880-5162-2	H-2 (0-6")	Solid	08/16/21 00:00	08/17/21 11:29
880-5162-3	H-3 (0-6")	Solid	08/16/21 00:00	08/17/21 11:29
880-5162-4	H-4 (0-6")	Solid	08/16/21 00:00	08/17/21 11:29
880-5162-5	H-5 (0-6")	Solid	08/16/21 00:00	08/17/21 11:29

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Chain of Custody



880-5162 Chain of Custody

Page 1 of 1

Project Manager	Mike Cairnora	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	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	

[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
<i>Brown Mjodung</i>	<i>[Signature]</i>	8/17/21 1127			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-5162-1

SDG Number: Eddy Co, NM

Login Number: 5162

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	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-5786-1

SDG Number: Eddy Co, NM

Login Number: 5786

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-5786-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: COG – SRO State 65H (07.23.21)
Revision: 2

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:
9/14/2021 10:48:17 AM

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

LINKS

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

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

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Laboratory Job ID: 880-5786-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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, Midland

Case Narrative

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Job ID: 880-5786-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-5786-1

REVISION

The report being provided is a revision of the original report sent on 9/9/2021. The report (revision 2) is being revised due to Corrected project ID to match COC.

Report revision history

The report being provided is a revision of the original report sent on 9/9/2021. The report (revision 2) is being revised due to Corrected project ID to match COC.

Revision 1 - 9/10/2021 - Reason - Per client email, requesting chloride re run on CS-8 (4').

Receipt

The samples were received on 9/3/2021 12:05 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 1.8°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-7506 and analytical batch 880-7486 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-4 (3') (880-5786-4), CS-9 (4') (880-5786-9) and CS-17 (5.5') (880-5786-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-21 (4.5') (880-5786-21), SW-1 (880-5786-22), SW-3 (880-5786-24), SW-11 (880-5786-32) and SW-16 (880-5786-37). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-7520/2-A) and (MB 880-7520/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (3')

Lab Sample ID: 880-5786-1

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1	0.00198		mg/Kg		09/03/21 12:29	09/04/21 00:05	1
Toluene	<0.00198	U F1	0.00198		mg/Kg		09/03/21 12:29	09/04/21 00:05	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		09/03/21 12:29	09/04/21 00:05	1
m-Xylene & p-Xylene	<0.00397	U F1	0.00397		mg/Kg		09/03/21 12:29	09/04/21 00:05	1
o-Xylene	<0.00198	U F1	0.00198		mg/Kg		09/03/21 12:29	09/04/21 00:05	1
Xylenes, Total	<0.00397	U F1	0.00397		mg/Kg		09/03/21 12:29	09/04/21 00:05	1
Total BTEX	<0.00397	U F1	0.00397		mg/Kg		09/03/21 12:29	09/04/21 00:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	09/03/21 12:29	09/04/21 00:05	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/03/21 12:29	09/04/21 00:05	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		09/03/21 14:01	09/03/21 17:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 17:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 17:11	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	09/03/21 14:01	09/03/21 17:11	1
o-Terphenyl	104		70 - 130	09/03/21 14:01	09/03/21 17:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.0		4.97		mg/Kg			09/05/21 05:07	1

Client Sample ID: CS-2 (3')

Lab Sample ID: 880-5786-2

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 00:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 00:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 00:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 00:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 00:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 00:26	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 00:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	09/03/21 12:29	09/04/21 00:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/03/21 12:29	09/04/21 00:26	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	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 18:15	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-2 (3')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-2

Matrix: Solid

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		09/03/21 14:01	09/03/21 18:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 18:15	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/03/21 14:01	09/03/21 18:15	1
o-Terphenyl	115		70 - 130				09/03/21 14:01	09/03/21 18:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.4		4.95		mg/Kg			09/05/21 05:12	1

Client Sample ID: CS-3 (3')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-3

Matrix: Solid

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		09/03/21 12:29	09/04/21 00:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 00:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 00:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 00:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 00:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 00:46	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 00:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				09/03/21 12:29	09/04/21 00:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130				09/03/21 12:29	09/04/21 00:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 18:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 18:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 18:37	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				09/03/21 14:01	09/03/21 18:37	1
o-Terphenyl	123		70 - 130				09/03/21 14:01	09/03/21 18:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.1		5.00		mg/Kg			09/05/21 05:18	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-4 (3')

Lab Sample ID: 880-5786-4

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 01:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 01:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 01:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/21 12:29	09/04/21 01:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 01:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/21 12:29	09/04/21 01:06	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/03/21 12:29	09/04/21 01:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	09/03/21 12:29	09/04/21 01:06	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/03/21 12:29	09/04/21 01:06	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		09/03/21 14:01	09/03/21 18:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 18:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 18:58	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	09/03/21 14:01	09/03/21 18:58	1
o-Terphenyl	113		70 - 130	09/03/21 14:01	09/03/21 18:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.2		4.95		mg/Kg			09/05/21 05:35	1

Client Sample ID: CS-5 (4')

Lab Sample ID: 880-5786-5

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 01:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 01:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 01:27	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/03/21 12:29	09/04/21 01:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 01:27	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/03/21 12:29	09/04/21 01:27	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/03/21 12:29	09/04/21 01:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	09/03/21 12:29	09/04/21 01:27	1
1,4-Difluorobenzene (Surr)	104		70 - 130	09/03/21 12:29	09/04/21 01:27	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		09/03/21 14:01	09/03/21 19:20	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-5 (4')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-5

Matrix: Solid

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		09/03/21 14:01	09/03/21 19:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 19:20	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/03/21 14:01	09/03/21 19:20	1
o-Terphenyl	111		70 - 130				09/03/21 14:01	09/03/21 19:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		24.9		mg/Kg			09/05/21 05:40	5

Client Sample ID: CS-6 (4')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-6

Matrix: Solid

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		09/03/21 12:29	09/04/21 01:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 01:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 01:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 01:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 01:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 01:47	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 01:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				09/03/21 12:29	09/04/21 01:47	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/03/21 12:29	09/04/21 01:47	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		09/03/21 14:01	09/03/21 19:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 19:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 19:41	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 19:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/03/21 14:01	09/03/21 19:41	1
o-Terphenyl	111		70 - 130				09/03/21 14:01	09/03/21 19:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		24.8		mg/Kg			09/05/21 05:57	5

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-5786-7

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 02:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:29	09/04/21 02:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:29	09/04/21 02:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/03/21 12:29	09/04/21 02:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:29	09/04/21 02:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/03/21 12:29	09/04/21 02:08	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/03/21 12:29	09/04/21 02:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	09/03/21 12:29	09/04/21 02:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/03/21 12:29	09/04/21 02:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 20:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 20:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 20:03	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/03/21 14:01	09/03/21 20:03	1
o-Terphenyl	110		70 - 130	09/03/21 14:01	09/03/21 20:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		24.8		mg/Kg			09/05/21 06:03	5

Client Sample ID: CS-8 (4')

Lab Sample ID: 880-5786-8

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 02:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 02:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 02:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/03/21 12:29	09/04/21 02:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 02:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/03/21 12:29	09/04/21 02:28	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/03/21 12:29	09/04/21 02:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	09/03/21 12:29	09/04/21 02:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130	09/03/21 12:29	09/04/21 02:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 20:24	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-8 (4')

Lab Sample ID: 880-5786-8

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 14:01	09/03/21 20:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 20:24	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				09/03/21 14:01	09/03/21 20:24	1
o-Terphenyl	115		70 - 130				09/03/21 14:01	09/03/21 20:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	560		25.1		mg/Kg			09/10/21 10:13	5

Client Sample ID: CS-9 (4')

Lab Sample ID: 880-5786-9

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 02:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 02:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 02:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 02:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 02:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 02:49	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 02:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				09/03/21 12:29	09/04/21 02:49	1
1,4-Difluorobenzene (Surr)	123		70 - 130				09/03/21 12:29	09/04/21 02:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 20:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 20:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 20:45	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 20:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				09/03/21 14:01	09/03/21 20:45	1
o-Terphenyl	116		70 - 130				09/03/21 14:01	09/03/21 20:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		25.1		mg/Kg			09/05/21 06:14	5

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-5786-10

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 03:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 03:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 03:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 03:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 03:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 03:09	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 03:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	09/03/21 12:29	09/04/21 03:09	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/03/21 12:29	09/04/21 03:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 21:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 21:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 21:06	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/03/21 14:01	09/03/21 21:06	1
o-Terphenyl	105		70 - 130	09/03/21 14:01	09/03/21 21:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		25.3		mg/Kg			09/05/21 06:20	5

Client Sample ID: CS-11 (5.5')

Lab Sample ID: 880-5786-11

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 04:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 04:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 04:31	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/03/21 12:29	09/04/21 04:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 04:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/03/21 12:29	09/04/21 04:31	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/03/21 12:29	09/04/21 04:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	09/03/21 12:29	09/04/21 04:31	1
1,4-Difluorobenzene (Surr)	102		70 - 130	09/03/21 12:29	09/04/21 04:31	1

Method: 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		09/03/21 14:01	09/03/21 21:48	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-11 (5.5')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-11

Matrix: Solid

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		09/03/21 14:01	09/03/21 21:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 21:48	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 21:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				09/03/21 14:01	09/03/21 21:48	1
o-Terphenyl	119		70 - 130				09/03/21 14:01	09/03/21 21:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	266		25.1		mg/Kg			09/05/21 06:25	5

Client Sample ID: CS-12 (5.5')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-12

Matrix: Solid

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		09/03/21 12:29	09/04/21 04:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 04:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 04:51	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/03/21 12:29	09/04/21 04:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 04:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/03/21 12:29	09/04/21 04:51	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		09/03/21 12:29	09/04/21 04:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				09/03/21 12:29	09/04/21 04:51	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/03/21 12:29	09/04/21 04:51	1

Method: 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		09/03/21 14:01	09/03/21 22:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 22:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 22:09	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 22:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				09/03/21 14:01	09/03/21 22:09	1
o-Terphenyl	112		70 - 130				09/03/21 14:01	09/03/21 22:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.0		5.02		mg/Kg			09/05/21 06:31	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-13 (5.5')

Lab Sample ID: 880-5786-13

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 05:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 05:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 05:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/03/21 12:29	09/04/21 05:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:29	09/04/21 05:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/03/21 12:29	09/04/21 05:11	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		09/03/21 12:29	09/04/21 05:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	09/03/21 12:29	09/04/21 05:11	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/03/21 12:29	09/04/21 05:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 22:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 22:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 22:30	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	09/03/21 14:01	09/03/21 22:30	1
o-Terphenyl	107		70 - 130	09/03/21 14:01	09/03/21 22:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.3		5.05		mg/Kg			09/05/21 08:33	1

Client Sample ID: CS-14 (5.5')

Lab Sample ID: 880-5786-14

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 05:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 05:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 05:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 05:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 05:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 05:32	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 05:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	09/03/21 12:29	09/04/21 05:32	1
1,4-Difluorobenzene (Surr)	94		70 - 130	09/03/21 12:29	09/04/21 05:32	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		09/03/21 14:01	09/03/21 22:51	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-14 (5.5')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-14

Matrix: Solid

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		09/03/21 14:01	09/03/21 22:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 22:51	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/03/21 14:01	09/03/21 22:51	1
o-Terphenyl	116		70 - 130				09/03/21 14:01	09/03/21 22:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		25.0		mg/Kg			09/05/21 08:50	5

Client Sample ID: CS-15 (5.5')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-15

Matrix: Solid

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		09/03/21 12:29	09/04/21 05:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 05:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 05:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 05:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 05:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 05:52	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 05:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				09/03/21 12:29	09/04/21 05:52	1
1,4-Difluorobenzene (Surr)	95		70 - 130				09/03/21 12:29	09/04/21 05:52	1

Method: 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		09/03/21 14:01	09/03/21 23:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 23:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 23:12	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/03/21 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/03/21 14:01	09/03/21 23:12	1
o-Terphenyl	116		70 - 130				09/03/21 14:01	09/03/21 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181		24.8		mg/Kg			09/05/21 08:55	5

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-16 (5.5')

Lab Sample ID: 880-5786-16

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 06:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:29	09/04/21 06:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:29	09/04/21 06:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/03/21 12:29	09/04/21 06:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:29	09/04/21 06:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/03/21 12:29	09/04/21 06:13	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/03/21 12:29	09/04/21 06:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	09/03/21 12:29	09/04/21 06:13	1
1,4-Difluorobenzene (Surr)	95		70 - 130	09/03/21 12:29	09/04/21 06:13	1

Method: 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		09/03/21 14:01	09/03/21 23:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 23:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 23:33	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:01	09/03/21 23:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	09/03/21 14:01	09/03/21 23:33	1
o-Terphenyl	112		70 - 130	09/03/21 14:01	09/03/21 23:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		25.2		mg/Kg			09/05/21 09:01	5

Client Sample ID: CS-17 (5.5')

Lab Sample ID: 880-5786-17

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 06:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 06:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 06:33	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/03/21 12:29	09/04/21 06:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 06:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/03/21 12:29	09/04/21 06:33	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/03/21 12:29	09/04/21 06:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	09/03/21 12:29	09/04/21 06:33	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/03/21 12:29	09/04/21 06:33	1

Method: 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		09/03/21 14:01	09/03/21 23:54	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-17 (5.5')

Lab Sample ID: 880-5786-17

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 14:01	09/03/21 23:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 23:54	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/03/21 14:01	09/03/21 23:54	1
o-Terphenyl	111		70 - 130				09/03/21 14:01	09/03/21 23:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235		25.2		mg/Kg			09/05/21 09:06	5

Client Sample ID: CS-18 (5.5')

Lab Sample ID: 880-5786-18

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 06:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/03/21 12:29	09/04/21 06:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/03/21 12:29	09/04/21 06:54	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/03/21 12:29	09/04/21 06:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/03/21 12:29	09/04/21 06:54	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/03/21 12:29	09/04/21 06:54	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		09/03/21 12:29	09/04/21 06:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				09/03/21 12:29	09/04/21 06:54	1
1,4-Difluorobenzene (Surr)	94		70 - 130				09/03/21 12:29	09/04/21 06:54	1

Method: 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		09/03/21 14:01	09/04/21 00:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/04/21 00:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/04/21 00:15	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:01	09/04/21 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/03/21 14:01	09/04/21 00:15	1
o-Terphenyl	119		70 - 130				09/03/21 14:01	09/04/21 00:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	199		25.3		mg/Kg			09/05/21 09:23	5

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-19 (5.5')

Lab Sample ID: 880-5786-19

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 07:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 07:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 07:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 07:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/04/21 07:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 07:14	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/03/21 12:29	09/04/21 07:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	09/03/21 12:29	09/04/21 07:14	1
1,4-Difluorobenzene (Surr)	91		70 - 130	09/03/21 12:29	09/04/21 07:14	1

Method: 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		09/03/21 14:01	09/04/21 00:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/04/21 00:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/04/21 00:36	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/04/21 00:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	09/03/21 14:01	09/04/21 00:36	1
o-Terphenyl	112		70 - 130	09/03/21 14:01	09/04/21 00:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.2		5.01		mg/Kg			09/05/21 09:29	1

Client Sample ID: CS-20 (4.5')

Lab Sample ID: 880-5786-20

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:29	09/04/21 07:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 07:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 07:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 07:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:29	09/04/21 07:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 07:34	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:29	09/04/21 07:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	09/03/21 12:29	09/04/21 07:34	1
1,4-Difluorobenzene (Surr)	95		70 - 130	09/03/21 12:29	09/04/21 07:34	1

Method: 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		09/03/21 14:01	09/04/21 00:57	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-20 (4.5')

Lab Sample ID: 880-5786-20

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 14:01	09/04/21 00:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/04/21 00:57	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/04/21 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/03/21 14:01	09/04/21 00:57	1
o-Terphenyl	111		70 - 130				09/03/21 14:01	09/04/21 00:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.2		5.02		mg/Kg			09/05/21 09:35	1

Client Sample ID: CS-21 (4.5')

Lab Sample ID: 880-5786-21

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 16:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/03/21 16:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/03/21 16:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/03/21 16:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/03/21 16:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/03/21 16:27	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/03/21 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				09/03/21 12:31	09/03/21 16:27	1
1,4-Difluorobenzene (Surr)	92		70 - 130				09/03/21 12:31	09/03/21 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 12:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 12:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 12:35	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/03/21 14:17	09/04/21 12:35	1
o-Terphenyl	115		70 - 130				09/03/21 14:17	09/04/21 12:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.7		5.01		mg/Kg			09/05/21 09:40	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-1

Lab Sample ID: 880-5786-22

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 16:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:31	09/03/21 16:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:31	09/03/21 16:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/03/21 12:31	09/03/21 16:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:31	09/03/21 16:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/03/21 12:31	09/03/21 16:48	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/03/21 12:31	09/03/21 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	59	S1-	70 - 130	09/03/21 12:31	09/03/21 16:48	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/03/21 12:31	09/03/21 16:48	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		09/03/21 14:17	09/04/21 13:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 13:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 13:40	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	09/03/21 14:17	09/04/21 13:40	1
o-Terphenyl	117		70 - 130	09/03/21 14:17	09/04/21 13:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.3		4.99		mg/Kg			09/05/21 09:46	1

Client Sample ID: SW-2

Lab Sample ID: 880-5786-23

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 17:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 17:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 17:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/03/21 12:31	09/03/21 17:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 17:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/03/21 12:31	09/03/21 17:08	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/03/21 12:31	09/03/21 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	09/03/21 12:31	09/03/21 17:08	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/03/21 12:31	09/03/21 17:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 14:01	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-2

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-23

Matrix: Solid

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		09/03/21 14:17	09/04/21 14:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 14:01	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/03/21 14:17	09/04/21 14:01	1
o-Terphenyl	119		70 - 130				09/03/21 14:17	09/04/21 14:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.5		4.97		mg/Kg			09/05/21 09:51	1

Client Sample ID: SW-3

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-24

Matrix: Solid

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		09/03/21 12:31	09/03/21 17:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/03/21 17:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/03/21 17:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/03/21 17:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/03/21 17:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/03/21 17:28	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/03/21 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				09/03/21 12:31	09/03/21 17:28	1
1,4-Difluorobenzene (Surr)	92		70 - 130				09/03/21 12:31	09/03/21 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 14:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 14:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 14:22	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/03/21 14:17	09/04/21 14:22	1
o-Terphenyl	108		70 - 130				09/03/21 14:17	09/04/21 14:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.4		4.95		mg/Kg			09/05/21 10:08	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-4

Lab Sample ID: 880-5786-25

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 17:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 17:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 17:49	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 17:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 17:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 17:49	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	09/03/21 12:31	09/03/21 17:49	1
1,4-Difluorobenzene (Surr)	108		70 - 130	09/03/21 12:31	09/03/21 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 14:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 14:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 14:43	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	09/03/21 14:17	09/04/21 14:43	1
o-Terphenyl	107		70 - 130	09/03/21 14:17	09/04/21 14:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.6		4.97		mg/Kg			09/05/21 10:14	1

Client Sample ID: SW-5

Lab Sample ID: 880-5786-26

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/08/21 09:25	09/08/21 12:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/08/21 09:25	09/08/21 12:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/08/21 09:25	09/08/21 12:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/08/21 09:25	09/08/21 12:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/08/21 09:25	09/08/21 12:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/08/21 09:25	09/08/21 12:50	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/08/21 09:25	09/08/21 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	09/08/21 09:25	09/08/21 12:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/08/21 09:25	09/08/21 12:50	1

Method: 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		09/03/21 14:17	09/04/21 15:04	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-5

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-26

Matrix: Solid

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		09/03/21 14:17	09/04/21 15:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 15:04	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 15:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/03/21 14:17	09/04/21 15:04	1
o-Terphenyl	107		70 - 130				09/03/21 14:17	09/04/21 15:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.1		4.95		mg/Kg			09/05/21 10:31	1

Client Sample ID: SW-6

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-27

Matrix: Solid

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		09/03/21 12:31	09/03/21 18:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 18:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 18:30	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/03/21 12:31	09/03/21 18:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 18:30	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/03/21 12:31	09/03/21 18:30	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/03/21 12:31	09/03/21 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				09/03/21 12:31	09/03/21 18:30	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/03/21 12:31	09/03/21 18:30	1

Method: 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		09/03/21 14:17	09/04/21 15:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 15:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 15:25	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/03/21 14:17	09/04/21 15:25	1
o-Terphenyl	109		70 - 130				09/03/21 14:17	09/04/21 15:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.6		5.00		mg/Kg			09/05/21 10:36	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-7

Lab Sample ID: 880-5786-28

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 18:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 18:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 18:50	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/03/21 12:31	09/03/21 18:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 18:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/03/21 12:31	09/03/21 18:50	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		09/03/21 12:31	09/03/21 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	09/03/21 12:31	09/03/21 18:50	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/03/21 12:31	09/03/21 18:50	1

Method: 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		09/03/21 14:17	09/04/21 15:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 15:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 15:46	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 15:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	09/03/21 14:17	09/04/21 15:46	1
o-Terphenyl	103		70 - 130	09/03/21 14:17	09/04/21 15:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.3		5.00		mg/Kg			09/05/21 10:42	1

Client Sample ID: SW-8

Lab Sample ID: 880-5786-29

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 19:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 19:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 19:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 19:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 19:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 19:10	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	09/03/21 12:31	09/03/21 19:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/03/21 12:31	09/03/21 19:10	1

Method: 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		09/03/21 14:17	09/04/21 16:07	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-8

Lab Sample ID: 880-5786-29

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 14:17	09/04/21 16:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 16:07	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 16:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/03/21 14:17	09/04/21 16:07	1
o-Terphenyl	108		70 - 130				09/03/21 14:17	09/04/21 16:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.2		4.99		mg/Kg			09/05/21 10:48	1

Client Sample ID: SW-9

Lab Sample ID: 880-5786-30

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 19:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:31	09/03/21 19:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:31	09/03/21 19:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/03/21 12:31	09/03/21 19:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:31	09/03/21 19:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/03/21 12:31	09/03/21 19:31	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/03/21 12:31	09/03/21 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				09/03/21 12:31	09/03/21 19:31	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/03/21 12:31	09/03/21 19:31	1

Method: 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		09/03/21 14:17	09/04/21 16:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 16:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 16:28	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 16:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				09/03/21 14:17	09/04/21 16:28	1
o-Terphenyl	116		70 - 130				09/03/21 14:17	09/04/21 16:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	196		24.8		mg/Kg			09/05/21 10:53	5

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-10

Lab Sample ID: 880-5786-31

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 21:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 21:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 21:21	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/03/21 12:31	09/03/21 21:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 21:21	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/03/21 12:31	09/03/21 21:21	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/03/21 12:31	09/03/21 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	09/03/21 12:31	09/03/21 21:21	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/03/21 12:31	09/03/21 21:21	1

Method: 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		09/03/21 14:17	09/04/21 17:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 17:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 17:10	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	09/03/21 14:17	09/04/21 17:10	1
o-Terphenyl	111		70 - 130	09/03/21 14:17	09/04/21 17:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.4		4.95		mg/Kg			09/05/21 10:59	1

Client Sample ID: SW-11

Lab Sample ID: 880-5786-32

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 21:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 21:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 21:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 21:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 21:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 21:41	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	09/03/21 12:31	09/03/21 21:41	1
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130	09/03/21 12:31	09/03/21 21:41	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	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 17:31	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-11

Lab Sample ID: 880-5786-32

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 14:17	09/04/21 17:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 17:31	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/03/21 14:17	09/04/21 17:31	1
o-Terphenyl	112		70 - 130				09/03/21 14:17	09/04/21 17:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	305		24.8		mg/Kg			09/05/21 11:04	5

Client Sample ID: SW-12

Lab Sample ID: 880-5786-33

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 22:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 22:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 22:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 22:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 22:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 22:02	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				09/03/21 12:31	09/03/21 22:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/03/21 12:31	09/03/21 22:02	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		09/03/21 14:17	09/04/21 17:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 17:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 17:53	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/03/21 14:17	09/04/21 17:53	1
o-Terphenyl	110		70 - 130				09/03/21 14:17	09/04/21 17:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.0		5.01		mg/Kg			09/04/21 12:25	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-13

Lab Sample ID: 880-5786-34

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 22:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 22:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 22:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/03/21 12:31	09/03/21 22:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 22:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/03/21 12:31	09/03/21 22:22	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		09/03/21 12:31	09/03/21 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	09/03/21 12:31	09/03/21 22:22	1
1,4-Difluorobenzene (Surr)	94		70 - 130	09/03/21 12:31	09/03/21 22:22	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		09/03/21 14:17	09/04/21 18:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 18:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 18:14	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	09/03/21 14:17	09/04/21 18:14	1
o-Terphenyl	113		70 - 130	09/03/21 14:17	09/04/21 18:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.1		4.99		mg/Kg			09/04/21 12:31	1

Client Sample ID: SW-14

Lab Sample ID: 880-5786-35

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 22:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 22:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 22:42	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/03/21 12:31	09/03/21 22:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/03/21 12:31	09/03/21 22:42	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/03/21 12:31	09/03/21 22:42	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/03/21 12:31	09/03/21 22:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	09/03/21 12:31	09/03/21 22:42	1
1,4-Difluorobenzene (Surr)	76		70 - 130	09/03/21 12:31	09/03/21 22:42	1

Method: 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		09/03/21 14:17	09/04/21 18:35	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-14

Lab Sample ID: 880-5786-35

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 14:17	09/04/21 18:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 18:35	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				09/03/21 14:17	09/04/21 18:35	1
o-Terphenyl	116		70 - 130				09/03/21 14:17	09/04/21 18:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.2		5.02		mg/Kg			09/04/21 12:47	1

Client Sample ID: SW-15

Lab Sample ID: 880-5786-36

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 23:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 23:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 23:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 23:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 23:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 23:03	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/03/21 12:31	09/03/21 23:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				09/03/21 12:31	09/03/21 23:03	1
1,4-Difluorobenzene (Surr)	104		70 - 130				09/03/21 12:31	09/03/21 23:03	1

Method: 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		09/03/21 14:17	09/04/21 18:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 18:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 18:56	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 14:17	09/04/21 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/03/21 14:17	09/04/21 18:56	1
o-Terphenyl	112		70 - 130				09/03/21 14:17	09/04/21 18:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.6		5.01		mg/Kg			09/04/21 12:53	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-16

Lab Sample ID: 880-5786-37

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 23:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 23:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 23:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/03/21 12:31	09/03/21 23:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 23:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/03/21 12:31	09/03/21 23:23	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/03/21 12:31	09/03/21 23:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	09/03/21 12:31	09/03/21 23:23	1
1,4-Difluorobenzene (Surr)	89		70 - 130	09/03/21 12:31	09/03/21 23:23	1

Method: 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		09/03/21 14:17	09/04/21 19:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 19:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 19:17	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 19:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	09/03/21 14:17	09/04/21 19:17	1
o-Terphenyl	115		70 - 130	09/03/21 14:17	09/04/21 19:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	236		25.0		mg/Kg			09/04/21 13:10	5

Client Sample ID: SW-17

Lab Sample ID: 880-5786-38

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 12:31	09/03/21 23:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/03/21 23:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/03/21 23:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/03/21 23:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/03/21 23:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/03/21 23:44	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/03/21 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	09/03/21 12:31	09/03/21 23:44	1
1,4-Difluorobenzene (Surr)	78		70 - 130	09/03/21 12:31	09/03/21 23:44	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		09/03/21 14:17	09/04/21 19:38	1

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Client Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-17

Lab Sample ID: 880-5786-38

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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		09/03/21 14:17	09/04/21 19:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 19:38	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 14:17	09/04/21 19:38	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/03/21 14:17	09/04/21 19:38	1
o-Terphenyl	112		70 - 130				09/03/21 14:17	09/04/21 19:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.5		5.00		mg/Kg			09/04/21 13:16	1

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Surrogate Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-5786-1	CS-1 (3')	124	97
880-5786-1 MS	CS-1 (3')	127	105
880-5786-1 MSD	CS-1 (3')	120	102
880-5786-2	CS-2 (3')	120	98
880-5786-3	CS-3 (3')	126	98
880-5786-4	CS-4 (3')	134 S1+	99
880-5786-5	CS-5 (4')	110	104
880-5786-6	CS-6 (4')	131 S1+	96
880-5786-7	CS-7 (4')	127	98
880-5786-8	CS-8 (4')	115	94
880-5786-9	CS-9 (4')	139 S1+	123
880-5786-10	CS-10 (4')	128	97
880-5786-11	CS-11 (5.5')	129	102
880-5786-12	CS-12 (5.5')	121	96
880-5786-13	CS-13 (5.5')	124	98
880-5786-14	CS-14 (5.5')	118	94
880-5786-15	CS-15 (5.5')	115	95
880-5786-16	CS-16 (5.5')	123	95
880-5786-17	CS-17 (5.5')	135 S1+	98
880-5786-18	CS-18 (5.5')	121	94
880-5786-19	CS-19 (5.5')	117	91
880-5786-20	CS-20 (4.5')	118	95
880-5786-21	CS-21 (4.5')	144 S1+	92
880-5786-21 MS	CS-21 (4.5')	122	94
880-5786-21 MSD	CS-21 (4.5')	120	85
880-5786-22	SW-1	59 S1-	98
880-5786-23	SW-2	122	111
880-5786-24	SW-3	142 S1+	92
880-5786-25	SW-4	123	108
880-5786-26	SW-5	117	98
880-5786-26 MS	SW-5	126	105
880-5786-26 MSD	SW-5	112	103
880-5786-27	SW-6	124	103
880-5786-28	SW-7	122	97
880-5786-29	SW-8	111	99
880-5786-30	SW-9	112	106
880-5786-31	SW-10	119	99
880-5786-32	SW-11	76	64 S1-
880-5786-33	SW-12	109	100
880-5786-34	SW-13	123	94
880-5786-35	SW-14	106	76
880-5786-36	SW-15	113	104
880-5786-37	SW-16	160 S1+	89
880-5786-38	SW-17	109	78
LCS 880-7506/1-A	Lab Control Sample	112	105
LCS 880-7508/1-A	Lab Control Sample	100	86
LCS 880-7636/1-A	Lab Control Sample	112	104
LCSD 880-7506/2-A	Lab Control Sample Dup	113	105
LCSD 880-7508/2-A	Lab Control Sample Dup	114	103

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Surrogate Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-7636/2-A	Lab Control Sample Dup	107	104
MB 880-7477/5-A	Method Blank	102	100
MB 880-7506/5-A	Method Blank	118	96
MB 880-7508/5-A	Method Blank	122	104
MB 880-7636/5-A	Method Blank	105	98
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-5786-1	CS-1 (3')	99	104
880-5786-1 MS	CS-1 (3')	93	94
880-5786-1 MSD	CS-1 (3')	94	92
880-5786-2	CS-2 (3')	108	115
880-5786-3	CS-3 (3')	117	123
880-5786-4	CS-4 (3')	111	113
880-5786-5	CS-5 (4')	105	111
880-5786-6	CS-6 (4')	102	111
880-5786-7	CS-7 (4')	104	110
880-5786-8	CS-8 (4')	112	115
880-5786-9	CS-9 (4')	114	116
880-5786-10	CS-10 (4')	104	105
880-5786-11	CS-11 (5.5')	111	119
880-5786-12	CS-12 (5.5')	107	112
880-5786-13	CS-13 (5.5')	102	107
880-5786-14	CS-14 (5.5')	109	116
880-5786-15	CS-15 (5.5')	110	116
880-5786-16	CS-16 (5.5')	106	112
880-5786-17	CS-17 (5.5')	106	111
880-5786-18	CS-18 (5.5')	110	119
880-5786-19	CS-19 (5.5')	106	112
880-5786-20	CS-20 (4.5')	103	111
880-5786-21	CS-21 (4.5')	104	115
880-5786-21 MS	CS-21 (4.5')	90	91
880-5786-21 MSD	CS-21 (4.5')	94	89
880-5786-22	SW-1	106	117
880-5786-23	SW-2	106	119
880-5786-24	SW-3	101	108
880-5786-25	SW-4	101	107
880-5786-26	SW-5	105	107
880-5786-27	SW-6	104	109
880-5786-28	SW-7	102	103
880-5786-29	SW-8	103	108
880-5786-30	SW-9	107	116
880-5786-31	SW-10	102	111

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Surrogate Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-5786-32	SW-11	105	112
880-5786-33	SW-12	103	110
880-5786-34	SW-13	103	113
880-5786-35	SW-14	112	116
880-5786-36	SW-15	103	112
880-5786-37	SW-16	105	115
880-5786-38	SW-17	104	112
LCS 880-7518/2-A	Lab Control Sample	123	126
LCS 880-7520/2-A	Lab Control Sample	119	135 S1+
LCSD 880-7518/3-A	Lab Control Sample Dup	131 S1+	131 S1+
LCSD 880-7520/3-A	Lab Control Sample Dup	120	119
MB 880-7518/1-A	Method Blank	105	113
MB 880-7520/1-A	Method Blank	102	137 S1+

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-7477/5-A

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/03/21 09:33	09/03/21 12:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/03/21 09:33	09/03/21 12:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/03/21 09:33	09/03/21 12:52	1

Lab Sample ID: MB 880-7506/5-A

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/03/21 23:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/03/21 23:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/03/21 23:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/21 12:29	09/03/21 23:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:29	09/03/21 23:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/21 12:29	09/03/21 23:44	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/03/21 12:29	09/03/21 23:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	09/03/21 12:29	09/03/21 23:44	1
1,4-Difluorobenzene (Surr)	96		70 - 130	09/03/21 12:29	09/03/21 23:44	1

Lab Sample ID: LCS 880-7506/1-A

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7506

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07592		mg/Kg		76	70 - 130
Toluene	0.100	0.07388		mg/Kg		74	70 - 130
Ethylbenzene	0.100	0.07651		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.200	0.1583		mg/Kg		79	70 - 130
o-Xylene	0.100	0.08148		mg/Kg		81	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-7506/2-A

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7506

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07805		mg/Kg		78	70 - 130	3	35
Toluene	0.100	0.07595		mg/Kg		76	70 - 130	3	35
Ethylbenzene	0.100	0.07743		mg/Kg		77	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1604		mg/Kg		80	70 - 130	1	35
o-Xylene	0.100	0.08221		mg/Kg		82	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-5786-1 MS

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 7506

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.0990	0.03985	F1	mg/Kg		40	70 - 130		
Toluene	<0.00198	U F1	0.0990	0.03612	F1	mg/Kg		36	70 - 130		
Ethylbenzene	<0.00198	U F1	0.0990	0.04009	F1	mg/Kg		40	70 - 130		
m-Xylene & p-Xylene	<0.00397	U F1	0.198	0.08402	F1	mg/Kg		42	70 - 130		
o-Xylene	<0.00198	U F1	0.0990	0.04651	F1	mg/Kg		47	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-5786-1 MSD

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 7506

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.0998	0.04657	F1	mg/Kg		47	70 - 130	16	35
Toluene	<0.00198	U F1	0.0998	0.04323	F1	mg/Kg		43	70 - 130	18	35
Ethylbenzene	<0.00198	U F1	0.0998	0.04522	F1	mg/Kg		45	70 - 130	12	35
m-Xylene & p-Xylene	<0.00397	U F1	0.200	0.09622	F1	mg/Kg		48	70 - 130	14	35
o-Xylene	<0.00198	U F1	0.0998	0.05274	F1	mg/Kg		53	70 - 130	13	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-7508/5-A

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7508

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 15:58	1

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-7508/5-A

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7508

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/03/21 12:31	09/03/21 15:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	09/03/21 12:31	09/03/21 15:58	1
1,4-Difluorobenzene (Surr)	104		70 - 130	09/03/21 12:31	09/03/21 15:58	1

Lab Sample ID: LCS 880-7508/1-A

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7508

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1011		mg/Kg		101	70 - 130
Toluene	0.100	0.1096		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1054		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2013		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1027		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-7508/2-A

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7508

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1206		mg/Kg		121	70 - 130	18	35
Toluene	0.100	0.1089		mg/Kg		109	70 - 130	1	35
Ethylbenzene	0.100	0.1200		mg/Kg		120	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.2366		mg/Kg		118	70 - 130	16	35
o-Xylene	0.100	0.1203		mg/Kg		120	70 - 130	16	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-5786-21 MS

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 7508

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.0998	0.09765		mg/Kg		98	70 - 130
Toluene	<0.00199	U	0.0998	0.09839		mg/Kg		99	70 - 130
Ethylbenzene	<0.00199	U	0.0998	0.1041		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1813		mg/Kg		91	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-5786-21 MS

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 7508

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	<0.00199	U	0.0998	0.1062		mg/Kg		106	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	122		70 - 130						
1,4-Difluorobenzene (Surr)	94		70 - 130						

Lab Sample ID: 880-5786-21 MSD

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 7508

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.09138		mg/Kg		91	70 - 130	7	35
Toluene	<0.00199	U	0.100	0.1023		mg/Kg		102	70 - 130	4	35
Ethylbenzene	<0.00199	U	0.100	0.1063		mg/Kg		106	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2067		mg/Kg		103	70 - 130	13	35
o-Xylene	<0.00199	U	0.100	0.1083		mg/Kg		107	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	120		70 - 130								
1,4-Difluorobenzene (Surr)	85		70 - 130								

Lab Sample ID: MB 880-7636/5-A

Matrix: Solid

Analysis Batch: 7637

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/08/21 09:25	09/08/21 12:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/08/21 09:25	09/08/21 12:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/08/21 09:25	09/08/21 12:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/08/21 09:25	09/08/21 12:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/08/21 09:25	09/08/21 12:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/08/21 09:25	09/08/21 12:29	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/08/21 09:25	09/08/21 12:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				09/08/21 09:25	09/08/21 12:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130				09/08/21 09:25	09/08/21 12:29	1

Lab Sample ID: LCS 880-7636/1-A

Matrix: Solid

Analysis Batch: 7637

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7636

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09588		mg/Kg		96	70 - 130
Toluene	0.100	0.09057		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.08996		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1841		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09159		mg/Kg		92	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-7636/2-A

Matrix: Solid

Analysis Batch: 7637

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7636

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08896		mg/Kg		89	70 - 130	7	35
Toluene	0.100	0.08402		mg/Kg		84	70 - 130	8	35
Ethylbenzene	0.100	0.08218		mg/Kg		82	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1715		mg/Kg		86	70 - 130	7	35
o-Xylene	0.100	0.08531		mg/Kg		85	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-5786-26 MS

Matrix: Solid

Analysis Batch: 7637

Client Sample ID: SW-5

Prep Type: Total/NA

Prep Batch: 7636

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.08768		mg/Kg		87	70 - 130		
Toluene	<0.00200	U	0.0998	0.08534		mg/Kg		85	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.08509		mg/Kg		85	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1803		mg/Kg		90	70 - 130		
o-Xylene	<0.00200	U	0.0998	0.09185		mg/Kg		92	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-5786-26 MSD

Matrix: Solid

Analysis Batch: 7637

Client Sample ID: SW-5

Prep Type: Total/NA

Prep Batch: 7636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.08536		mg/Kg		85	70 - 130	3	35
Toluene	<0.00200	U	0.0994	0.07886		mg/Kg		79	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.0994	0.07565		mg/Kg		76	70 - 130	12	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1524		mg/Kg		77	70 - 130	17	35
o-Xylene	<0.00200	U	0.0994	0.07722		mg/Kg		77	70 - 130	17	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-7518/1-A

Matrix: Solid

Analysis Batch: 7491

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7518

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		09/03/21 14:01	09/03/21 16:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 16:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 16:06	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:01	09/03/21 16:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	09/03/21 14:01	09/03/21 16:06	1
o-Terphenyl	113		70 - 130	09/03/21 14:01	09/03/21 16:06	1

Lab Sample ID: LCS 880-7518/2-A

Matrix: Solid

Analysis Batch: 7491

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7518

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1013		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	968.0		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	126		70 - 130

Lab Sample ID: LCSD 880-7518/3-A

Matrix: Solid

Analysis Batch: 7491

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7518

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	979.2		mg/Kg		98	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1031		mg/Kg		103	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	131	S1+	70 - 130

Lab Sample ID: 880-5786-1 MS

Matrix: Solid

Analysis Batch: 7491

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 7518

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	875.0		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	866.1		mg/Kg		87	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-5786-1 MS

Matrix: Solid

Analysis Batch: 7491

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 7518

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 880-5786-1 MSD

Matrix: Solid

Analysis Batch: 7491

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 7518

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	847.7		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	874.9		mg/Kg		88	70 - 130	1	20

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

Lab Sample ID: MB 880-7520/1-A

Matrix: Solid

Analysis Batch: 7535

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7520

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		09/03/21 14:17	09/04/21 11:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 11:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 11:31	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 11:31	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	102		70 - 130	09/03/21 14:17	09/04/21 11:31	1			
o-Terphenyl	137	S1+	70 - 130	09/03/21 14:17	09/04/21 11:31	1			

Lab Sample ID: LCS 880-7520/2-A

Matrix: Solid

Analysis Batch: 7535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7520

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	823.1		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1054		mg/Kg		105	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	135	S1+	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-7520/3-A

Matrix: Solid

Analysis Batch: 7535

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7520

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	867.7		mg/Kg		87	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	967.6		mg/Kg		97	70 - 130	9	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	120		70 - 130						
o-Terphenyl	119		70 - 130						

Lab Sample ID: 880-5786-21 MS

Matrix: Solid

Analysis Batch: 7535

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 7520

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	784.4		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	814.5		mg/Kg		82	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	91		70 - 130								

Lab Sample ID: 880-5786-21 MSD

Matrix: Solid

Analysis Batch: 7535

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 7520

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	837.3		mg/Kg		84	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	822.0		mg/Kg		82	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	89		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-7516/1-A

Matrix: Solid

Analysis Batch: 7553

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			09/04/21 10:55	1

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-7516/2-A

Matrix: Solid

Analysis Batch: 7553

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	251.3		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-7516/3-A

Matrix: Solid

Analysis Batch: 7553

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	251.8		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-5786-34 MS

Matrix: Solid

Analysis Batch: 7553

Client Sample ID: SW-13

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	30.1		250	279.7		mg/Kg		100	90 - 110

Lab Sample ID: 880-5786-34 MSD

Matrix: Solid

Analysis Batch: 7553

Client Sample ID: SW-13

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	30.1		250	279.8		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-7514/1-A

Matrix: Solid

Analysis Batch: 7561

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			09/05/21 03:42	1

Lab Sample ID: LCS 880-7514/2-A

Matrix: Solid

Analysis Batch: 7561

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	256.4		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-7514/3-A

Matrix: Solid

Analysis Batch: 7561

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	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-5786-3 MS

Matrix: Solid

Analysis Batch: 7561

Client Sample ID: CS-3 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	22.1		250	282.2		mg/Kg		104	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-5786-3 MSD

Matrix: Solid

Analysis Batch: 7561

Client Sample ID: CS-3 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	22.1		250	282.9		mg/Kg		104	90 - 110	0	20

Lab Sample ID: MB 880-7515/1-A

Matrix: Solid

Analysis Batch: 7562

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			09/05/21 08:16	1

Lab Sample ID: LCS 880-7515/2-A

Matrix: Solid

Analysis Batch: 7562

Client Sample ID: Lab Control Sample

Prep Type: Soluble

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

Lab Sample ID: LCSD 880-7515/3-A

Matrix: Solid

Analysis Batch: 7562

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	262.2		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-5786-13 MS

Matrix: Solid

Analysis Batch: 7562

Client Sample ID: CS-13 (5.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	34.3		253	299.4		mg/Kg		105	90 - 110

Lab Sample ID: 880-5786-13 MSD

Matrix: Solid

Analysis Batch: 7562

Client Sample ID: CS-13 (5.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	34.3		253	299.8		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-5786-23 MS

Matrix: Solid

Analysis Batch: 7562

Client Sample ID: SW-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	21.5		249	273.9		mg/Kg		102	90 - 110

Lab Sample ID: 880-5786-23 MSD

Matrix: Solid

Analysis Batch: 7562

Client Sample ID: SW-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	21.5		249	274.1		mg/Kg		102	90 - 110	0	20

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-7707/1-A

Matrix: Solid

Analysis Batch: 7720

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			09/10/21 07:35	1

Lab Sample ID: LCS 880-7707/2-A

Matrix: Solid

Analysis Batch: 7720

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	257.3		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-7707/3-A

Matrix: Solid

Analysis Batch: 7720

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	258.0		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-5923-A-3-B MS

Matrix: Solid

Analysis Batch: 7720

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	22.0		250	279.4		mg/Kg		103	90 - 110

Lab Sample ID: 880-5923-A-3-C MSD

Matrix: Solid

Analysis Batch: 7720

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	22.0		250	279.9		mg/Kg		103	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 7477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-7477/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 7486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-1	CS-1 (3')	Total/NA	Solid	8021B	7506
880-5786-2	CS-2 (3')	Total/NA	Solid	8021B	7506
880-5786-3	CS-3 (3')	Total/NA	Solid	8021B	7506
880-5786-4	CS-4 (3')	Total/NA	Solid	8021B	7506
880-5786-5	CS-5 (4')	Total/NA	Solid	8021B	7506
880-5786-6	CS-6 (4')	Total/NA	Solid	8021B	7506
880-5786-7	CS-7 (4')	Total/NA	Solid	8021B	7506
880-5786-8	CS-8 (4')	Total/NA	Solid	8021B	7506
880-5786-9	CS-9 (4')	Total/NA	Solid	8021B	7506
880-5786-10	CS-10 (4')	Total/NA	Solid	8021B	7506
880-5786-11	CS-11 (5.5')	Total/NA	Solid	8021B	7506
880-5786-12	CS-12 (5.5')	Total/NA	Solid	8021B	7506
880-5786-13	CS-13 (5.5')	Total/NA	Solid	8021B	7506
880-5786-14	CS-14 (5.5')	Total/NA	Solid	8021B	7506
880-5786-15	CS-15 (5.5')	Total/NA	Solid	8021B	7506
880-5786-16	CS-16 (5.5')	Total/NA	Solid	8021B	7506
880-5786-17	CS-17 (5.5')	Total/NA	Solid	8021B	7506
880-5786-18	CS-18 (5.5')	Total/NA	Solid	8021B	7506
880-5786-19	CS-19 (5.5')	Total/NA	Solid	8021B	7506
880-5786-20	CS-20 (4.5')	Total/NA	Solid	8021B	7506
MB 880-7477/5-A	Method Blank	Total/NA	Solid	8021B	7477
MB 880-7506/5-A	Method Blank	Total/NA	Solid	8021B	7506
LCS 880-7506/1-A	Lab Control Sample	Total/NA	Solid	8021B	7506
LCSD 880-7506/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7506
880-5786-1 MS	CS-1 (3')	Total/NA	Solid	8021B	7506
880-5786-1 MSD	CS-1 (3')	Total/NA	Solid	8021B	7506

Prep Batch: 7506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-1	CS-1 (3')	Total/NA	Solid	5035	
880-5786-2	CS-2 (3')	Total/NA	Solid	5035	
880-5786-3	CS-3 (3')	Total/NA	Solid	5035	
880-5786-4	CS-4 (3')	Total/NA	Solid	5035	
880-5786-5	CS-5 (4')	Total/NA	Solid	5035	
880-5786-6	CS-6 (4')	Total/NA	Solid	5035	
880-5786-7	CS-7 (4')	Total/NA	Solid	5035	
880-5786-8	CS-8 (4')	Total/NA	Solid	5035	
880-5786-9	CS-9 (4')	Total/NA	Solid	5035	
880-5786-10	CS-10 (4')	Total/NA	Solid	5035	
880-5786-11	CS-11 (5.5')	Total/NA	Solid	5035	
880-5786-12	CS-12 (5.5')	Total/NA	Solid	5035	
880-5786-13	CS-13 (5.5')	Total/NA	Solid	5035	
880-5786-14	CS-14 (5.5')	Total/NA	Solid	5035	
880-5786-15	CS-15 (5.5')	Total/NA	Solid	5035	
880-5786-16	CS-16 (5.5')	Total/NA	Solid	5035	
880-5786-17	CS-17 (5.5')	Total/NA	Solid	5035	
880-5786-18	CS-18 (5.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 7506 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-19	CS-19 (5.5')	Total/NA	Solid	5035	
880-5786-20	CS-20 (4.5')	Total/NA	Solid	5035	
MB 880-7506/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7506/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7506/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5786-1 MS	CS-1 (3')	Total/NA	Solid	5035	
880-5786-1 MSD	CS-1 (3')	Total/NA	Solid	5035	

Prep Batch: 7508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-21	CS-21 (4.5')	Total/NA	Solid	5035	
880-5786-22	SW-1	Total/NA	Solid	5035	
880-5786-23	SW-2	Total/NA	Solid	5035	
880-5786-24	SW-3	Total/NA	Solid	5035	
880-5786-25	SW-4	Total/NA	Solid	5035	
880-5786-27	SW-6	Total/NA	Solid	5035	
880-5786-28	SW-7	Total/NA	Solid	5035	
880-5786-29	SW-8	Total/NA	Solid	5035	
880-5786-30	SW-9	Total/NA	Solid	5035	
880-5786-31	SW-10	Total/NA	Solid	5035	
880-5786-32	SW-11	Total/NA	Solid	5035	
880-5786-33	SW-12	Total/NA	Solid	5035	
880-5786-34	SW-13	Total/NA	Solid	5035	
880-5786-35	SW-14	Total/NA	Solid	5035	
880-5786-36	SW-15	Total/NA	Solid	5035	
880-5786-37	SW-16	Total/NA	Solid	5035	
880-5786-38	SW-17	Total/NA	Solid	5035	
MB 880-7508/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7508/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7508/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5786-21 MS	CS-21 (4.5')	Total/NA	Solid	5035	
880-5786-21 MSD	CS-21 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 7510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-21	CS-21 (4.5')	Total/NA	Solid	8021B	7508
880-5786-22	SW-1	Total/NA	Solid	8021B	7508
880-5786-23	SW-2	Total/NA	Solid	8021B	7508
880-5786-24	SW-3	Total/NA	Solid	8021B	7508
880-5786-25	SW-4	Total/NA	Solid	8021B	7508
880-5786-27	SW-6	Total/NA	Solid	8021B	7508
880-5786-28	SW-7	Total/NA	Solid	8021B	7508
880-5786-29	SW-8	Total/NA	Solid	8021B	7508
880-5786-30	SW-9	Total/NA	Solid	8021B	7508
880-5786-31	SW-10	Total/NA	Solid	8021B	7508
880-5786-32	SW-11	Total/NA	Solid	8021B	7508
880-5786-33	SW-12	Total/NA	Solid	8021B	7508
880-5786-34	SW-13	Total/NA	Solid	8021B	7508
880-5786-35	SW-14	Total/NA	Solid	8021B	7508
880-5786-36	SW-15	Total/NA	Solid	8021B	7508
880-5786-37	SW-16	Total/NA	Solid	8021B	7508

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 7510 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-38	SW-17	Total/NA	Solid	8021B	7508
MB 880-7508/5-A	Method Blank	Total/NA	Solid	8021B	7508
LCS 880-7508/1-A	Lab Control Sample	Total/NA	Solid	8021B	7508
LCSD 880-7508/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7508
880-5786-21 MS	CS-21 (4.5')	Total/NA	Solid	8021B	7508
880-5786-21 MSD	CS-21 (4.5')	Total/NA	Solid	8021B	7508

Prep Batch: 7636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-26	SW-5	Total/NA	Solid	5035	
MB 880-7636/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7636/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7636/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5786-26 MS	SW-5	Total/NA	Solid	5035	
880-5786-26 MSD	SW-5	Total/NA	Solid	5035	

Analysis Batch: 7637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-26	SW-5	Total/NA	Solid	8021B	7636
MB 880-7636/5-A	Method Blank	Total/NA	Solid	8021B	7636
LCS 880-7636/1-A	Lab Control Sample	Total/NA	Solid	8021B	7636
LCSD 880-7636/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7636
880-5786-26 MS	SW-5	Total/NA	Solid	8021B	7636
880-5786-26 MSD	SW-5	Total/NA	Solid	8021B	7636

GC Semi VOA

Analysis Batch: 7491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-1	CS-1 (3')	Total/NA	Solid	8015B NM	7518
880-5786-2	CS-2 (3')	Total/NA	Solid	8015B NM	7518
880-5786-3	CS-3 (3')	Total/NA	Solid	8015B NM	7518
880-5786-4	CS-4 (3')	Total/NA	Solid	8015B NM	7518
880-5786-5	CS-5 (4')	Total/NA	Solid	8015B NM	7518
880-5786-6	CS-6 (4')	Total/NA	Solid	8015B NM	7518
880-5786-7	CS-7 (4')	Total/NA	Solid	8015B NM	7518
880-5786-8	CS-8 (4')	Total/NA	Solid	8015B NM	7518
880-5786-9	CS-9 (4')	Total/NA	Solid	8015B NM	7518
880-5786-10	CS-10 (4')	Total/NA	Solid	8015B NM	7518
880-5786-11	CS-11 (5.5')	Total/NA	Solid	8015B NM	7518
880-5786-12	CS-12 (5.5')	Total/NA	Solid	8015B NM	7518
880-5786-13	CS-13 (5.5')	Total/NA	Solid	8015B NM	7518
880-5786-14	CS-14 (5.5')	Total/NA	Solid	8015B NM	7518
880-5786-15	CS-15 (5.5')	Total/NA	Solid	8015B NM	7518
880-5786-16	CS-16 (5.5')	Total/NA	Solid	8015B NM	7518
880-5786-17	CS-17 (5.5')	Total/NA	Solid	8015B NM	7518
880-5786-18	CS-18 (5.5')	Total/NA	Solid	8015B NM	7518
880-5786-19	CS-19 (5.5')	Total/NA	Solid	8015B NM	7518
880-5786-20	CS-20 (4.5')	Total/NA	Solid	8015B NM	7518
MB 880-7518/1-A	Method Blank	Total/NA	Solid	8015B NM	7518
LCS 880-7518/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	7518

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 7491 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-7518/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	7518
880-5786-1 MS	CS-1 (3')	Total/NA	Solid	8015B NM	7518
880-5786-1 MSD	CS-1 (3')	Total/NA	Solid	8015B NM	7518

Prep Batch: 7518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-1	CS-1 (3')	Total/NA	Solid	8015NM Prep	
880-5786-2	CS-2 (3')	Total/NA	Solid	8015NM Prep	
880-5786-3	CS-3 (3')	Total/NA	Solid	8015NM Prep	
880-5786-4	CS-4 (3')	Total/NA	Solid	8015NM Prep	
880-5786-5	CS-5 (4')	Total/NA	Solid	8015NM Prep	
880-5786-6	CS-6 (4')	Total/NA	Solid	8015NM Prep	
880-5786-7	CS-7 (4')	Total/NA	Solid	8015NM Prep	
880-5786-8	CS-8 (4')	Total/NA	Solid	8015NM Prep	
880-5786-9	CS-9 (4')	Total/NA	Solid	8015NM Prep	
880-5786-10	CS-10 (4')	Total/NA	Solid	8015NM Prep	
880-5786-11	CS-11 (5.5')	Total/NA	Solid	8015NM Prep	
880-5786-12	CS-12 (5.5')	Total/NA	Solid	8015NM Prep	
880-5786-13	CS-13 (5.5')	Total/NA	Solid	8015NM Prep	
880-5786-14	CS-14 (5.5')	Total/NA	Solid	8015NM Prep	
880-5786-15	CS-15 (5.5')	Total/NA	Solid	8015NM Prep	
880-5786-16	CS-16 (5.5')	Total/NA	Solid	8015NM Prep	
880-5786-17	CS-17 (5.5')	Total/NA	Solid	8015NM Prep	
880-5786-18	CS-18 (5.5')	Total/NA	Solid	8015NM Prep	
880-5786-19	CS-19 (5.5')	Total/NA	Solid	8015NM Prep	
880-5786-20	CS-20 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-7518/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-7518/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-7518/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5786-1 MS	CS-1 (3')	Total/NA	Solid	8015NM Prep	
880-5786-1 MSD	CS-1 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 7520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-21	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-5786-22	SW-1	Total/NA	Solid	8015NM Prep	
880-5786-23	SW-2	Total/NA	Solid	8015NM Prep	
880-5786-24	SW-3	Total/NA	Solid	8015NM Prep	
880-5786-25	SW-4	Total/NA	Solid	8015NM Prep	
880-5786-26	SW-5	Total/NA	Solid	8015NM Prep	
880-5786-27	SW-6	Total/NA	Solid	8015NM Prep	
880-5786-28	SW-7	Total/NA	Solid	8015NM Prep	
880-5786-29	SW-8	Total/NA	Solid	8015NM Prep	
880-5786-30	SW-9	Total/NA	Solid	8015NM Prep	
880-5786-31	SW-10	Total/NA	Solid	8015NM Prep	
880-5786-32	SW-11	Total/NA	Solid	8015NM Prep	
880-5786-33	SW-12	Total/NA	Solid	8015NM Prep	
880-5786-34	SW-13	Total/NA	Solid	8015NM Prep	
880-5786-35	SW-14	Total/NA	Solid	8015NM Prep	
880-5786-36	SW-15	Total/NA	Solid	8015NM Prep	
880-5786-37	SW-16	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 7520 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-38	SW-17	Total/NA	Solid	8015NM Prep	
MB 880-7520/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-7520/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-7520/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5786-21 MS	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-5786-21 MSD	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 7535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-21	CS-21 (4.5')	Total/NA	Solid	8015B NM	7520
880-5786-22	SW-1	Total/NA	Solid	8015B NM	7520
880-5786-23	SW-2	Total/NA	Solid	8015B NM	7520
880-5786-24	SW-3	Total/NA	Solid	8015B NM	7520
880-5786-25	SW-4	Total/NA	Solid	8015B NM	7520
880-5786-26	SW-5	Total/NA	Solid	8015B NM	7520
880-5786-27	SW-6	Total/NA	Solid	8015B NM	7520
880-5786-28	SW-7	Total/NA	Solid	8015B NM	7520
880-5786-29	SW-8	Total/NA	Solid	8015B NM	7520
880-5786-30	SW-9	Total/NA	Solid	8015B NM	7520
880-5786-31	SW-10	Total/NA	Solid	8015B NM	7520
880-5786-32	SW-11	Total/NA	Solid	8015B NM	7520
880-5786-33	SW-12	Total/NA	Solid	8015B NM	7520
880-5786-34	SW-13	Total/NA	Solid	8015B NM	7520
880-5786-35	SW-14	Total/NA	Solid	8015B NM	7520
880-5786-36	SW-15	Total/NA	Solid	8015B NM	7520
880-5786-37	SW-16	Total/NA	Solid	8015B NM	7520
880-5786-38	SW-17	Total/NA	Solid	8015B NM	7520
MB 880-7520/1-A	Method Blank	Total/NA	Solid	8015B NM	7520
LCS 880-7520/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	7520
LCSD 880-7520/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	7520
880-5786-21 MS	CS-21 (4.5')	Total/NA	Solid	8015B NM	7520
880-5786-21 MSD	CS-21 (4.5')	Total/NA	Solid	8015B NM	7520

HPLC/IC

Leach Batch: 7514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-1	CS-1 (3')	Soluble	Solid	DI Leach	
880-5786-2	CS-2 (3')	Soluble	Solid	DI Leach	
880-5786-3	CS-3 (3')	Soluble	Solid	DI Leach	
880-5786-4	CS-4 (3')	Soluble	Solid	DI Leach	
880-5786-5	CS-5 (4')	Soluble	Solid	DI Leach	
880-5786-6	CS-6 (4')	Soluble	Solid	DI Leach	
880-5786-7	CS-7 (4')	Soluble	Solid	DI Leach	
880-5786-9	CS-9 (4')	Soluble	Solid	DI Leach	
880-5786-10	CS-10 (4')	Soluble	Solid	DI Leach	
880-5786-11	CS-11 (5.5')	Soluble	Solid	DI Leach	
880-5786-12	CS-12 (5.5')	Soluble	Solid	DI Leach	
MB 880-7514/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-7514/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-7514/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 7514 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-3 MS	CS-3 (3')	Soluble	Solid	DI Leach	
880-5786-3 MSD	CS-3 (3')	Soluble	Solid	DI Leach	

Leach Batch: 7515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-13	CS-13 (5.5')	Soluble	Solid	DI Leach	
880-5786-14	CS-14 (5.5')	Soluble	Solid	DI Leach	
880-5786-15	CS-15 (5.5')	Soluble	Solid	DI Leach	
880-5786-16	CS-16 (5.5')	Soluble	Solid	DI Leach	
880-5786-17	CS-17 (5.5')	Soluble	Solid	DI Leach	
880-5786-18	CS-18 (5.5')	Soluble	Solid	DI Leach	
880-5786-19	CS-19 (5.5')	Soluble	Solid	DI Leach	
880-5786-20	CS-20 (4.5')	Soluble	Solid	DI Leach	
880-5786-21	CS-21 (4.5')	Soluble	Solid	DI Leach	
880-5786-22	SW-1	Soluble	Solid	DI Leach	
880-5786-23	SW-2	Soluble	Solid	DI Leach	
880-5786-24	SW-3	Soluble	Solid	DI Leach	
880-5786-25	SW-4	Soluble	Solid	DI Leach	
880-5786-26	SW-5	Soluble	Solid	DI Leach	
880-5786-27	SW-6	Soluble	Solid	DI Leach	
880-5786-28	SW-7	Soluble	Solid	DI Leach	
880-5786-29	SW-8	Soluble	Solid	DI Leach	
880-5786-30	SW-9	Soluble	Solid	DI Leach	
880-5786-31	SW-10	Soluble	Solid	DI Leach	
880-5786-32	SW-11	Soluble	Solid	DI Leach	
MB 880-7515/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-7515/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-7515/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5786-13 MS	CS-13 (5.5')	Soluble	Solid	DI Leach	
880-5786-13 MSD	CS-13 (5.5')	Soluble	Solid	DI Leach	
880-5786-23 MS	SW-2	Soluble	Solid	DI Leach	
880-5786-23 MSD	SW-2	Soluble	Solid	DI Leach	

Leach Batch: 7516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-33	SW-12	Soluble	Solid	DI Leach	
880-5786-34	SW-13	Soluble	Solid	DI Leach	
880-5786-35	SW-14	Soluble	Solid	DI Leach	
880-5786-36	SW-15	Soluble	Solid	DI Leach	
880-5786-37	SW-16	Soluble	Solid	DI Leach	
880-5786-38	SW-17	Soluble	Solid	DI Leach	
MB 880-7516/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-7516/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-7516/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5786-34 MS	SW-13	Soluble	Solid	DI Leach	
880-5786-34 MSD	SW-13	Soluble	Solid	DI Leach	

Analysis Batch: 7553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-33	SW-12	Soluble	Solid	300.0	7516
880-5786-34	SW-13	Soluble	Solid	300.0	7516

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 7553 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-35	SW-14	Soluble	Solid	300.0	7516
880-5786-36	SW-15	Soluble	Solid	300.0	7516
880-5786-37	SW-16	Soluble	Solid	300.0	7516
880-5786-38	SW-17	Soluble	Solid	300.0	7516
MB 880-7516/1-A	Method Blank	Soluble	Solid	300.0	7516
LCS 880-7516/2-A	Lab Control Sample	Soluble	Solid	300.0	7516
LCSD 880-7516/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	7516
880-5786-34 MS	SW-13	Soluble	Solid	300.0	7516
880-5786-34 MSD	SW-13	Soluble	Solid	300.0	7516

Analysis Batch: 7561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-1	CS-1 (3')	Soluble	Solid	300.0	7514
880-5786-2	CS-2 (3')	Soluble	Solid	300.0	7514
880-5786-3	CS-3 (3')	Soluble	Solid	300.0	7514
880-5786-4	CS-4 (3')	Soluble	Solid	300.0	7514
880-5786-5	CS-5 (4')	Soluble	Solid	300.0	7514
880-5786-6	CS-6 (4')	Soluble	Solid	300.0	7514
880-5786-7	CS-7 (4')	Soluble	Solid	300.0	7514
880-5786-9	CS-9 (4')	Soluble	Solid	300.0	7514
880-5786-10	CS-10 (4')	Soluble	Solid	300.0	7514
880-5786-11	CS-11 (5.5')	Soluble	Solid	300.0	7514
880-5786-12	CS-12 (5.5')	Soluble	Solid	300.0	7514
MB 880-7514/1-A	Method Blank	Soluble	Solid	300.0	7514
LCS 880-7514/2-A	Lab Control Sample	Soluble	Solid	300.0	7514
LCSD 880-7514/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	7514
880-5786-3 MS	CS-3 (3')	Soluble	Solid	300.0	7514
880-5786-3 MSD	CS-3 (3')	Soluble	Solid	300.0	7514

Analysis Batch: 7562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-13	CS-13 (5.5')	Soluble	Solid	300.0	7515
880-5786-14	CS-14 (5.5')	Soluble	Solid	300.0	7515
880-5786-15	CS-15 (5.5')	Soluble	Solid	300.0	7515
880-5786-16	CS-16 (5.5')	Soluble	Solid	300.0	7515
880-5786-17	CS-17 (5.5')	Soluble	Solid	300.0	7515
880-5786-18	CS-18 (5.5')	Soluble	Solid	300.0	7515
880-5786-19	CS-19 (5.5')	Soluble	Solid	300.0	7515
880-5786-20	CS-20 (4.5')	Soluble	Solid	300.0	7515
880-5786-21	CS-21 (4.5')	Soluble	Solid	300.0	7515
880-5786-22	SW-1	Soluble	Solid	300.0	7515
880-5786-23	SW-2	Soluble	Solid	300.0	7515
880-5786-24	SW-3	Soluble	Solid	300.0	7515
880-5786-25	SW-4	Soluble	Solid	300.0	7515
880-5786-26	SW-5	Soluble	Solid	300.0	7515
880-5786-27	SW-6	Soluble	Solid	300.0	7515
880-5786-28	SW-7	Soluble	Solid	300.0	7515
880-5786-29	SW-8	Soluble	Solid	300.0	7515
880-5786-30	SW-9	Soluble	Solid	300.0	7515
880-5786-31	SW-10	Soluble	Solid	300.0	7515
880-5786-32	SW-11	Soluble	Solid	300.0	7515

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 7562 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-7515/1-A	Method Blank	Soluble	Solid	300.0	7515
LCS 880-7515/2-A	Lab Control Sample	Soluble	Solid	300.0	7515
LCSD 880-7515/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	7515
880-5786-13 MS	CS-13 (5.5')	Soluble	Solid	300.0	7515
880-5786-13 MSD	CS-13 (5.5')	Soluble	Solid	300.0	7515
880-5786-23 MS	SW-2	Soluble	Solid	300.0	7515
880-5786-23 MSD	SW-2	Soluble	Solid	300.0	7515

Leach Batch: 7707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-8	CS-8 (4')	Soluble	Solid	DI Leach	
MB 880-7707/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-7707/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-7707/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5923-A-3-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-5923-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 7720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5786-8	CS-8 (4')	Soluble	Solid	300.0	7707
MB 880-7707/1-A	Method Blank	Soluble	Solid	300.0	7707
LCS 880-7707/2-A	Lab Control Sample	Soluble	Solid	300.0	7707
LCSD 880-7707/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	7707
880-5923-A-3-B MS	Matrix Spike	Soluble	Solid	300.0	7707
880-5923-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	7707

Lab Chronicle

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (3')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 00:05	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 17:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 05:07	CH	XEN MID

Client Sample ID: CS-2 (3')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 00:26	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 18:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 05:12	CH	XEN MID

Client Sample ID: CS-3 (3')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 00:46	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 18:37	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 05:18	CH	XEN MID

Client Sample ID: CS-4 (3')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 01:06	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 18:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 05:35	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-5 (4')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 01:27	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 19:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		5			7561	09/05/21 05:40	CH	XEN MID

Client Sample ID: CS-6 (4')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 01:47	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 19:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		5			7561	09/05/21 05:57	CH	XEN MID

Client Sample ID: CS-7 (4')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 02:08	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 20:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		5			7561	09/05/21 06:03	CH	XEN MID

Client Sample ID: CS-8 (4')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 02:28	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 20:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	7707	09/09/21 14:23	CH	XEN MID
Soluble	Analysis	300.0		5			7720	09/10/21 10:13	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-9 (4')

Lab Sample ID: 880-5786-9

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 02:49	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 20:45	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		5			7561	09/05/21 06:14	CH	XEN MID

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-5786-10

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 03:09	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 21:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		5			7561	09/05/21 06:20	CH	XEN MID

Client Sample ID: CS-11 (5.5')

Lab Sample ID: 880-5786-11

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 04:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 21:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		5			7561	09/05/21 06:25	CH	XEN MID

Client Sample ID: CS-12 (5.5')

Lab Sample ID: 880-5786-12

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 04:51	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 22:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 06:31	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-13 (5.5')

Lab Sample ID: 880-5786-13

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 05:11	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 22:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 08:33	CH	XEN MID

Client Sample ID: CS-14 (5.5')

Lab Sample ID: 880-5786-14

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 05:32	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 22:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		5			7562	09/05/21 08:50	CH	XEN MID

Client Sample ID: CS-15 (5.5')

Lab Sample ID: 880-5786-15

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 05:52	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 23:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		5			7562	09/05/21 08:55	CH	XEN MID

Client Sample ID: CS-16 (5.5')

Lab Sample ID: 880-5786-16

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 06:13	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 23:33	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		5			7562	09/05/21 09:01	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-17 (5.5')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 06:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/03/21 23:54	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		5			7562	09/05/21 09:06	CH	XEN MID

Client Sample ID: CS-18 (5.5')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 06:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/04/21 00:15	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		5			7562	09/05/21 09:23	CH	XEN MID

Client Sample ID: CS-19 (5.5')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 07:14	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/04/21 00:36	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 09:29	CH	XEN MID

Client Sample ID: CS-20 (4.5')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	7506	09/03/21 12:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/04/21 07:34	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	7518	09/03/21 14:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7491	09/04/21 00:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 09:35	CH	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: CS-21 (4.5')

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 16:27	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 12:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 09:40	CH	XEN MID

Client Sample ID: SW-1

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 16:48	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 13:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 09:46	CH	XEN MID

Client Sample ID: SW-2

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 17:08	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 14:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 09:51	CH	XEN MID

Client Sample ID: SW-3

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 17:28	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 14:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 10:08	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-4

Lab Sample ID: 880-5786-25

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 17:49	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 14:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 10:14	CH	XEN MID

Client Sample ID: SW-5

Lab Sample ID: 880-5786-26

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7636	09/08/21 09:25	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7637	09/08/21 12:50	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 15:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 10:31	CH	XEN MID

Client Sample ID: SW-6

Lab Sample ID: 880-5786-27

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 18:30	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 15:25	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 10:36	CH	XEN MID

Client Sample ID: SW-7

Lab Sample ID: 880-5786-28

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 18:50	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 15:46	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 10:42	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-8

Lab Sample ID: 880-5786-29

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 19:10	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 16:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 10:48	CH	XEN MID

Client Sample ID: SW-9

Lab Sample ID: 880-5786-30

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 19:31	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 16:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		5			7562	09/05/21 10:53	CH	XEN MID

Client Sample ID: SW-10

Lab Sample ID: 880-5786-31

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 21:21	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 17:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		1			7562	09/05/21 10:59	CH	XEN MID

Client Sample ID: SW-11

Lab Sample ID: 880-5786-32

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 21:41	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 17:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	7515	09/03/21 13:26	SC	XEN MID
Soluble	Analysis	300.0		5			7562	09/05/21 11:04	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-12

Lab Sample ID: 880-5786-33

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 22:02	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 17:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	7516	09/03/21 13:34	SC	XEN MID
Soluble	Analysis	300.0		1			7553	09/04/21 12:25	CH	XEN MID

Client Sample ID: SW-13

Lab Sample ID: 880-5786-34

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 22:22	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 18:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	7516	09/03/21 13:34	SC	XEN MID
Soluble	Analysis	300.0		1			7553	09/04/21 12:31	CH	XEN MID

Client Sample ID: SW-14

Lab Sample ID: 880-5786-35

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 22:42	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 18:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	7516	09/03/21 13:34	SC	XEN MID
Soluble	Analysis	300.0		1			7553	09/04/21 12:47	CH	XEN MID

Client Sample ID: SW-15

Lab Sample ID: 880-5786-36

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:05

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	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 23:03	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 18:56	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	7516	09/03/21 13:34	SC	XEN MID
Soluble	Analysis	300.0		1			7553	09/04/21 12:53	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Client Sample ID: SW-16

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 23:23	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 19:17	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	7516	09/03/21 13:34	SC	XEN MID
Soluble	Analysis	300.0		5			7553	09/04/21 13:10	CH	XEN MID

Client Sample ID: SW-17

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:05

Lab Sample ID: 880-5786-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/03/21 23:44	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 19:38	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	7516	09/03/21 13:34	SC	XEN MID
Soluble	Analysis	300.0		1			7553	09/04/21 13:16	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: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Laboratory: Eurofins Xenco, Midland

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Eurofins Xenco, Midland

Method Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: NT Global
Project/Site: COG – SRO State 65H (07.23.21)

Job ID: 880-5786-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-5786-1	CS-1 (3')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-2	CS-2 (3')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-3	CS-3 (3')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-4	CS-4 (3')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-5	CS-5 (4')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-6	CS-6 (4')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-7	CS-7 (4')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-8	CS-8 (4')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-9	CS-9 (4')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-10	CS-10 (4')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-11	CS-11 (5.5')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-12	CS-12 (5.5')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-13	CS-13 (5.5')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-14	CS-14 (5.5')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-15	CS-15 (5.5')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-16	CS-16 (5.5')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-17	CS-17 (5.5')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-18	CS-18 (5.5')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-19	CS-19 (5.5')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-20	CS-20 (4.5')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-21	CS-21 (4.5')	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-22	SW-1	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-23	SW-2	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-24	SW-3	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-25	SW-4	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-26	SW-5	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-27	SW-6	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-28	SW-7	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-29	SW-8	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-30	SW-9	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-31	SW-10	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-32	SW-11	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-33	SW-12	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-34	SW-13	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-35	SW-14	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-36	SW-15	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-37	SW-16	Solid	09/02/21 00:00	09/03/21 12:05
880-5786-38	SW-17	Solid	09/02/21 00:00	09/03/21 12:05



Chain of Custody

W.



880-5786 Chain of Custody

Page 1 of 4

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	jacqui.harris@conocophillips.com

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

Project Name	SRO St. 65th (7 23 21)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	214471	Due Date	72 Hrs														None NO	DI Water H ₂ O	
Project Location	Eddy Co, NM	TAT starts the day received by the lab if received by 4:30pm															Cool Cool	MeOH Me	
Sampler's Name	CCM																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	128															NaHSO ₄ NABIS	
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor	0.5															Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading	1.3															Zn Acetate+NaOH Zn	
Total Containers	Yes ☒ No ☐	Corrected Temperature	1.8															NaOH+Ascorbic Acid SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-1 (3)	9/2/2021		X		Comp	1	X	X	X	X									
CS-2 (3)	9/2/2021		X		Comp	1	X	X	X	X									
CS-3 (3)	9/2/2021		X		Comp	1	X	X	X	X									
CS-4 (3)	9/2/2021		X		Comp	1	X	X	X	X									
CS-5 (4)	9/2/2021		X		Comp	1	X	X	X	X									
CS-6 (4)	9/2/2021		X		Comp	1	X	X	X	X									
CS-7 (4)	9/2/2021		X		Comp	1	X	X	X	X									
CS-8 (4)	9/2/2021		X		Comp	1	X	X	X	X									
CS-9 (4)	9/2/2021		X		Comp	1	X	X	X	X									
CS-10 (4)	9/2/2021		X		Comp	1	X	X	X	X									

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		9/3/21			2
		11/5/21			4
					6



Chain of Custody

 Loc: 880
5786
 Work Order No

Page 12 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	jacqui.harris@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	SRO St. 65th (7/23/21)	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes		
Project Number	214471	Due Date	7/2 His															None NO	DI Water H ₂ O	
Project Location	Eddy Co. NM																	Cool Cool	MeOH Me	
Sampler's Name	CCM	TAT starts the day received by the lab if received by 4:30pm																HCL HC	HNO ₃ HN	
PO #																		H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT		Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP		
Received Intact	Yes No	Thermometer ID																NaHSO ₄ NABIS		
Cooler Custody Seals	Yes No N/A	Correction Factor																Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes No N/A	Temperature Reading																Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature																NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-11 (5.5)	9/2/2021		X		Comp	1	X	X	X											
CS-12 (5.5)	9/2/2021		X		Comp	1	X	X	X											
CS-13 (5.5)	9/2/2021		X		Comp	1	X	X	X											
CS-14 (5.5)	9/2/2021		X		Comp	1	X	X	X											
CS-15 (5.5)	9/2/2021		X		Comp	1	X	X	X											
CS-16 (5.5)	9/2/2021		X		Comp	1	X	X	X											
CS-17 (5.5)	9/2/2021		X		Comp	1	X	X	X											
CS-18 (5.5)	9/2/2021		X		Comp	1	X	X	X											
CS-19 (5.5)	9/2/2021		X		Comp	1	X	X	X											
CS-20 (4.5)	9/2/2021		X		Comp	1	X	X	X											

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time



Chair of Custody

Work Order No: _____

Page 3 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	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						SRO S.I. 65H (7-23-21)														
Project Number						214471														
						Turn Around ☐ Routine ☒ Rush														
Project Location						Eddy Co., NM														
Sampler's Name						CCM														
PO #:						Due Date 72 Hrs. TAT starts the day received by the lab if received by 4:30pm														
SAMPLE RECEIPT						Temp Blank.	Yes	No	Wet Ice	Yes	No									
						Received Intact.	Yes	No	Thermometer ID											
						Cooler Custody Seals.	Yes	No	N/A	Correction Factor										
						Sample Custody Seals	Yes	No	N/A	Temperature Reading										
						Total Containers.			Corrected Temperature.											
						Parameters						BTEX 8021B								
												8015M(GRO + DRO + MRO)								
												Chloride 300 0								
HOLD																				
Preservative Codes																				
None NO	DI Water	H ₂ O																		
Cool Cool	MeOH	Me																		
HCL HC	HNO ₃	HN																		
H ₂ SO ₄ H ₂	NaOH	Na																		
H ₃ PO ₄ HP																				
NaHSO ₄ NABIS																				
Na ₂ S ₂ O ₃ NaSO ₃																				
Zn Acetate+NaOH Zn																				
NaOH+Ascorbic Acid SAPC																				

[illegible]

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 		2			
2 					
3					
4					
5					
6					



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	jacqui.harris@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	SRO St. 65H (7 23 21)		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	214471		☐ 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	CCM		TAT starts the day received by the lab if received by 4:30pm															HCL HC	HNO ₃ HN	
PO #:																		H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT			Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP	
Received Intact			Yes No	Thermometer ID															NaHSO ₄ NABIS	
Cooler Custody Seals			Yes No N/A	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals			Yes No N/A	Temperature Reading															Zn Acetate+NaOH Zn	
Total Containers			Corrected Temperature															NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
SW-10	9/2/2021		X		Comp	1	X	X	X											
SW-11	9/2/2021		X		Comp	1	X	X	X											
SW-12	9/2/2021		X		Comp	1	X	X	X											
SW-13	9/2/2021		X		Comp	1	X	X	X											
SW-14	9/2/2021		X		Comp	1	X	X	X											
SW-15	9/2/2021		X		Comp	1	X	X	X											
SW-16	9/2/2021		X		Comp	1	X	X	X											
SW-17	9/2/2021		X		Comp	1	X	X	X											

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time



Chain of Custody

W



880-5786 Chain of Custody

Page 1 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	jacqui.harris@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 ☐	

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and sub-contractors. 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	[Signature]	[Signature]	9/3/21			
2						
3						
4						
5			1154			
6						



Chain of Custody

 Loc: 880
5786
 Work Order No

Page 12 of 4

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	jacqui.harris@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	SRO St. 65th (7 23 21)	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes		
Project Number	214471	Due Date	72 Hrs															None NO	DI Water H ₂ O	
Project Location	Eddy Co. NM	TAT starts the day received by the lab if received by 4:30pm																Cool Cool	MeOH Me	
Sampler's Name	CCM																	HCL HC	HNO ₃ HN	
PO #																		H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT		Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP		
Received Intact	Yes No	Thermometer ID																NaHSO ₄ NABIS		
Cooler Custody Seals	Yes No N/A	Correction Factor																Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes No N/A	Temperature Reading																Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature																NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-11 (5.5)	9/2/2021		X		Comp	1	X	X	X	X										
CS-12 (5.5)	9/2/2021		X		Comp	1	X	X	X	X										
CS-13 (5.5)	9/2/2021		X		Comp	1	X	X	X	X										
CS-14 (5.5)	9/2/2021		X		Comp	1	X	X	X	X										
CS-15 (5.5)	9/2/2021		X		Comp	1	X	X	X	X										
CS-16 (5.5)	9/2/2021		X		Comp	1	X	X	X	X										
CS-17 (5.5)	9/2/2021		X		Comp	1	X	X	X	X										
CS-18 (5.5)	9/2/2021		X		Comp	1	X	X	X	X										
CS-19 (5.5)	9/2/2021		X		Comp	1	X	X	X	X										
CS-20 (4.5)	9/2/2021		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



Chair of Custody

Work Order No.: _____

Page 3 of 4

Project Manager	Mike Cairnora	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	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	SRO S.I. 65H (7.23.21)	Turn Around									
Project Number	214471	☐ Routine ☒ Rush									
Project Location	Eddy Co. NM	Due Date		72 Hrs							
Sampler's Name	CCM			TAT starts the day received by the lab if received by 4:30pm							
PO #.											
SAMPLE RECEIPT		Tamp Blank.	Yes	No	Wet Ice	Yes	No				
Received Intact.		Yes	No	Thermometer ID							
Cooler Custody Seals.		Yes	No	N/A	Correction Factor						
Sample Custody Seals		Yes	No	N/A	Temperature Reading						
Total Containers.						Corrected Temperature.					
Parameters											Pers. Code
BTX 8021B											
8015M (GRO + DRO + MRO)											
Chloride 300 0											
HOLD											
											Preservative Codes
None NO					DI Water H ₂ O						
Cool Cool					MeOH Me						
HCL HC					HNO ₃ HN						
H ₂ SO ₄ H ₂					NaOH Na						
H ₃ PO ₄ HP											
NaHSO ₄ NABIS											
Na ₂ S ₂ O ₃ NaSO ₃											
Zn Acetate+NaOH Zn											
NaOH+Ascorbic Acid SAPC											

[illegible]

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 			2		
2 			4		
3			6		
5					



Chain of Custody

Work Order No: _____

Page 4 of 4

Project Manager	Mike Carmona	Bill to: (if different)	Jacquie 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	jacquie.harris@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	SRO St. 65H (7 23 21)		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	214471		☐ 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	CCM		TAT starts the day received by the lab if received by 4:30pm															HCL HC	HNO ₃ HN	
PO #:																		H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT			Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP	
Received Intact			Yes No	Thermometer ID															NaHSO ₄ NABIS	
Cooler Custody Seals			Yes No N/A	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals			Yes No N/A	Temperature Reading															Zn Acetate+NaOH Zn	
Total Containers				Corrected Temperature															NaOH+Ascorbic Acid SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
SW-10	9/2/2021		X		Comp	1	X	X	X											
SW-11	9/2/2021		X		Comp	1	X	X	X											
SW-12	9/2/2021		X		Comp	1	X	X	X											
SW-13	9/2/2021		X		Comp	1	X	X	X											
SW-14	9/2/2021		X		Comp	1	X	X	X											
SW-15	9/2/2021		X		Comp	1	X	X	X											
SW-16	9/2/2021		X		Comp	1	X	X	X											
SW-17	9/2/2021		X		Comp	1	X	X	X											

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-5786-1

SDG Number: Eddy Co, NM

Login Number: 5786

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 54688

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 54688
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	2/7/2022