Site Information

Closure Report
Myox 6 State Com 003H (7.10.21)
Eddy County, New Mexico
Unit C Sec 06 T26S R28E
Incident #: NAPP2120345496
32.078788°, -104.128856°

Crude Oil Release
Source: Equipment malfunction at the flare
Release Date: 7/10/2021
Volume Released: 0.5 bbls/Crude Oil
Volume Recovered: 0 bbls/Crude Oil

Prepared for:
Concho Operating, LLC
15 West London Rd
Loving, NM 88256

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

TABLE OF CONTENTS

FIGURES

TABLES/PHOTOLOG

APPENDICES

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

September 26, 2021

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

Re: Closure Report
Myox 6 State Com 003H (7.10.21)
Concho Operating, LLC
Site Location: Unit C, S06, T26S, R28E
(Lat 32.078788º, Long -104.128856º)
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 the remediation activities for Myox 6 State Com 003H (7.10.21). The site is located at 32.078788º, -104.128856º within Unit C, S06, T26S, R28E, and approximately 10.52 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 10, 2020. It resulted in the release of approximately half (0.5) barrels of crude oil, and zero (0) barrels of crude oil were recovered. The impacted area measured approximately 40' x 15', 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 1.93 miles Northeast of the site in S29, T26S, R28E. The well has a reported depth to groundwater of 20.33 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

Remediation Activities and Confirmation Sampling

Before collecting confirmation samples, a third-party operator excavated the impacted area to a depth of 0.5'. New Tech Global Environmental personnel were on site on August 10, 2021, to collect confirmation samples.

A total of four (4) confirmation samples were collected (CS-1 through CS-4), and four (4) sidewall samples (SW-1, SW-2, SW-3, and SW-4) were collected every 200 square feet to ensure proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Xenco Laboratories in Midland, Texas. 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 1. The excavation depths and confirmation sample locations are shown in Figure 3.

All the final confirmation samples were below the 19.15.29.12 NMAC criteria. Refer to Table 1.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 12 cubic yards of material were excavated and transported offsite for proper disposal.

Conclusions

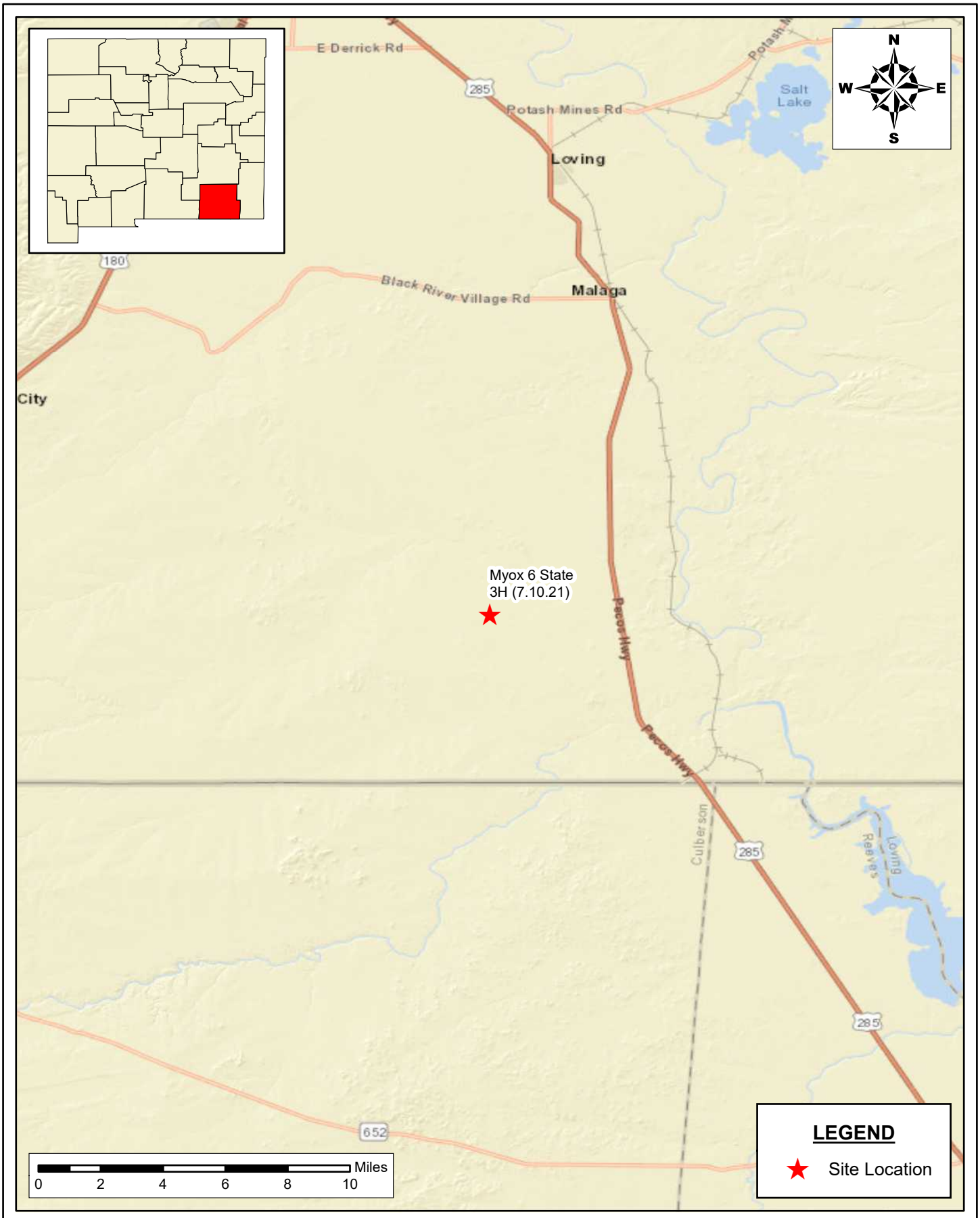
Based on the assessment finding and the analytical results, no further actions are required at the site. The final C-141 is attached, and COG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely,

NTG Environmental

Mike Carmona
Senior Project Manager

Figures



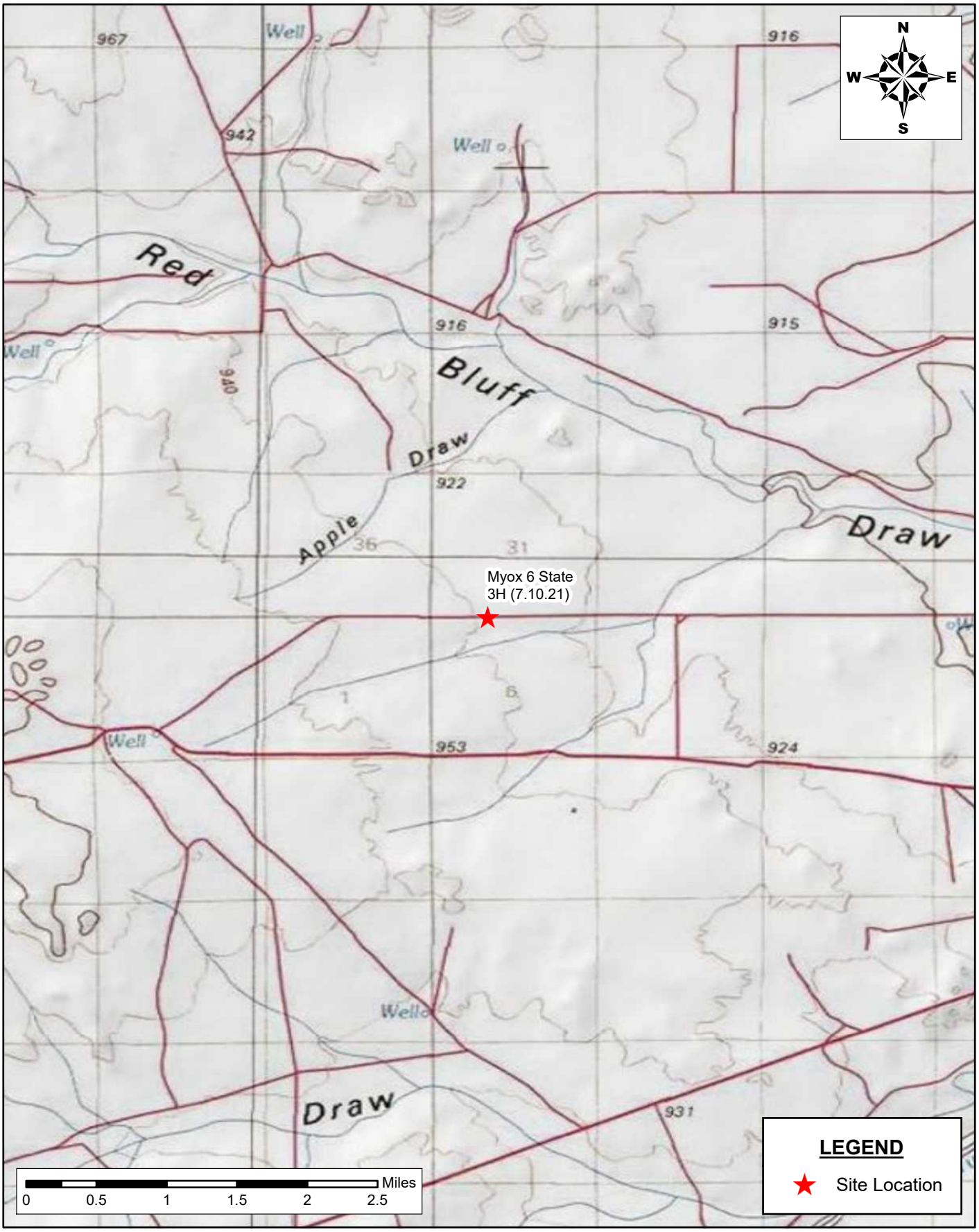
SITE LOCATION MAP
CONCHO OPERATING, LLC
MYOX 6 STATE 003H (7.10.21)
EDDY COUNTY, NEW MEXICO
32.078788, -104.128856

SCALE: As Shown | DATE: 04/21/2021 | PROJECT #: 214474

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 1
SHEET NUMBER:
1 of 1



AREA MAP
CONCHO OPERATING, LLC
MYOX 6 STATE 003H (7.10.21)
EDDY COUNTY, NEW MEXICO
32.078788, -104.128856

SCALE: As Shown	DATE: 04/21/2021	PROJECT #: 214474

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Houston, Texas 77060
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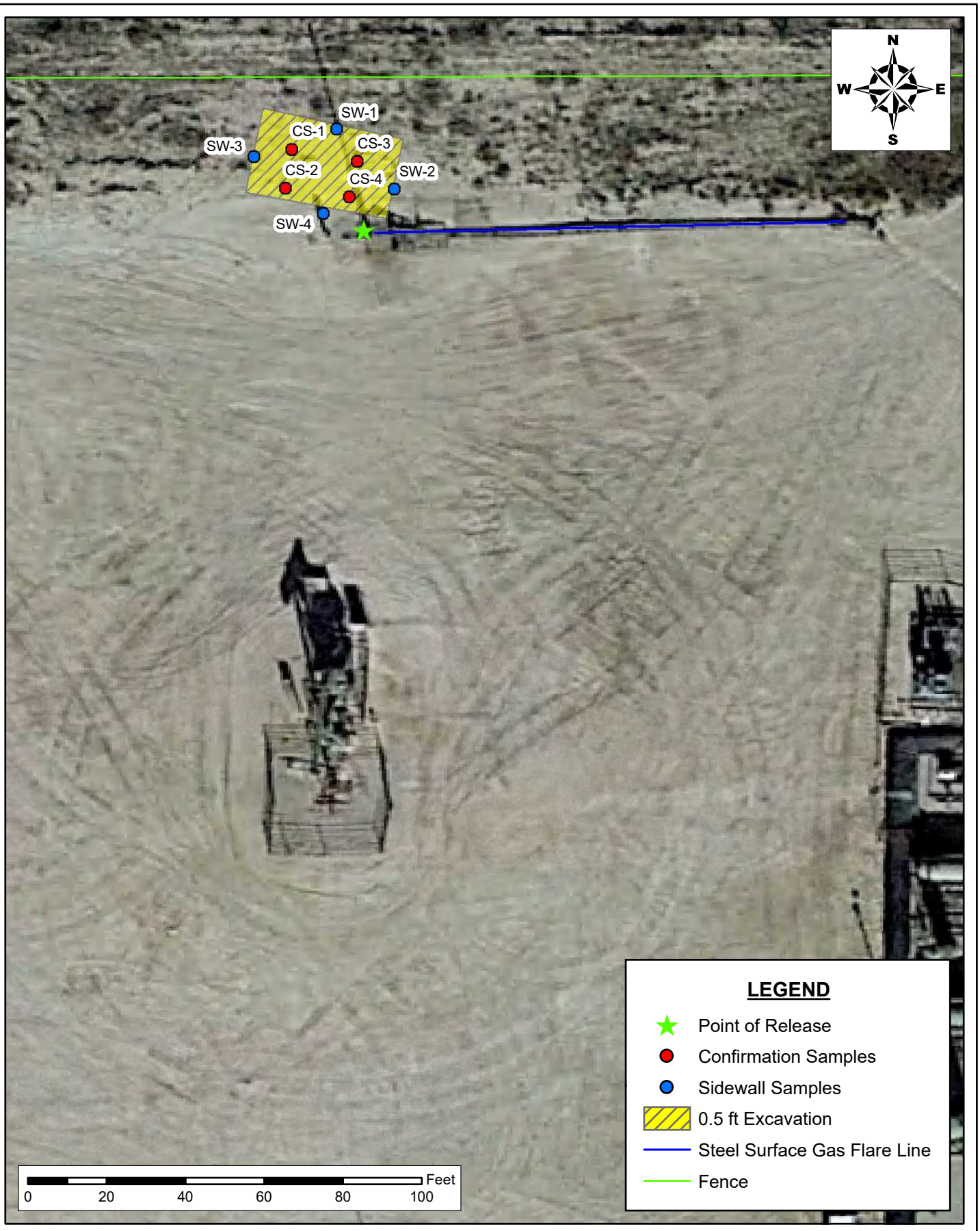
Web: www.ntglobal.com

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

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
1 of 1



EXCAVATION DEPTH MAP
CONCHO OPERATING, LLC
MYOX 6 STATE 003H (7.10.21)
EDDY COUNTY, NEW MEXICO
32.078788, -104.128856

SCALE: As Shown	DATE: 04/21/2021	PROJECT #: 214474

New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
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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

Tables

Table 1
Concho Operating, LLC
Myox 6 State 003H (7.10.21)
Eddy County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	8/10/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	64.4
CS-2	8/10/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	42.2
CS-3	8/10/2021	0.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	21.5
CS-4	8/10/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	19.8
SW-1	8/10/2021	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	59.7
SW-2	8/10/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	25.8
SW-3	8/10/2021	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.6
SW-4	8/10/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.99
Regulatory Limits						**100 mg/kg**	**10 mg/kg**	-	-	-	**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

Photo Log

PHOTOGRAPHIC LOG

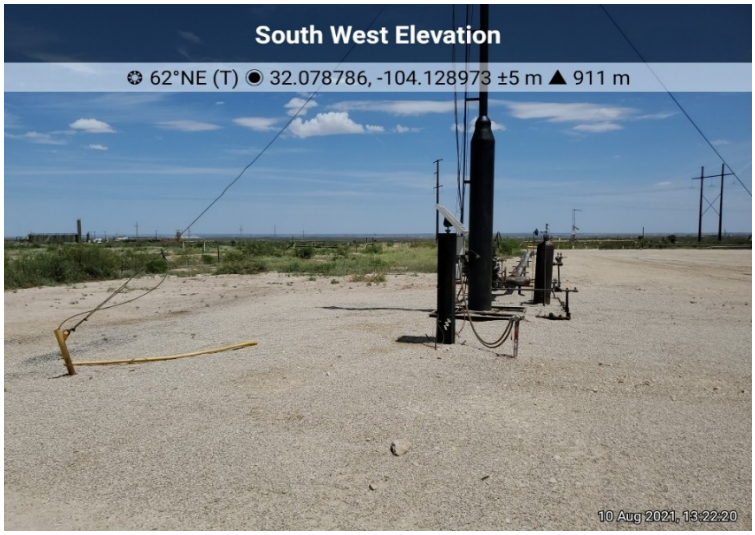
Concho Operating, LLC

Photograph No. 1

Facility: Myox 6 State Com 003H (7.10.21)

County: Eddy County, New Mexico

Description:
View southwest of excavation, sample points CS-1 through CS-4, and SW-1, SW-2, and SW-4.



Photograph No. 2

Facility: Myox 6 State Com 003H (7.10.21)

County: Eddy County, New Mexico

Description:
View northwest of excavation, sample points CS-1 through CS-4, and SW-1 through SW-4.

Photograph No. 3

Facility: Myox 6 State Com 003H (7.10.21)

County: Eddy County, New Mexico

Description:
View east of excavation, sample points CS-1 through CS-4, and SW-1 through SW-4.

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		

State of New Mexico
Oil Conservation Division

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 not 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: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Ramona Marcus Date: 7/26/2021

NAPP2120345496

L48 Spill Volume Estimate Form

Facility Name & Number:	Myox 6 State Com 3
Asset Area:	DBWN
Release Discovery Date & Time:	7/10/2021
Release Type:	Oil
Provide any known details about the event:	Equipment failure

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	40.0	15.0	0.25	4	600.000	0.005	0.556	0.000	0.556			
Rectangle B					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
								Total Volume Release:	0.556			

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

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 37528
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	None	7/26/2021

State of New Mexico
Oil Conservation Division

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.

Form C-141
Page 4

State of New Mexico
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: Jacqui Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: Jacqui Harris _____ 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: Chad Hensley _____ Date: _____

Printed Name: _____ Title: _____

Appendix B

Nearest Water Well

COG Operating, LLC

Medium Karst

COG Operating, LLC

Legend

- MEDIUM
- Myox 6 State Com 003H

Myox 6 State Com 003H

Pecos Hwy

285

N

3 mi

Google Earth

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-basin Code	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**

Average Depth to Water: **118 feet**

Minimum Depth: **33 feet**

Maximum Depth: **175 feet**

Record Count: 21

PLSS Search:

Township: 26S **Range:** 28E

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	Twn	Rng	X	Y
	C 03938 POD1	2	2	2	25	25S	27E	581482	3552616

Driller License: 1711 **Driller Company:** STRAUB CORPORATION

Driller Name: EDWARD BRYAN

Drill Start Date: 03/08/2016 **Drill Finish Date:** 03/08/2016 **Plug Date:**

Log File Date: 03/22/2016 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 2.00 **Depth Well:** 21 feet **Depth Water:** 12 feet

Casing Perforations:	Top	Bottom
	6	21

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	C 01278	4	3		28	25S	28E	585470	3551338*

Driller License: 46 **Driller Company:** ABBOTT BROTHERS COMPANY

Driller Name: ABBOTT, MUNELL

Drill Start Date: 04/04/1965 **Drill Finish Date:** 04/08/1965 **Plug Date:**

Log File Date: 05/27/1965 **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** 205 feet **Depth Water:** 90 feet

Water Bearing Stratifications:	Top	Bottom	Description
	105	110	Sandstone/Gravel/Conglomerate

***UTM location was derived from PLSS - see Help**

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	Twn	Rng	X	Y
NA	C 04371 POD1	3	3	4	26	25S	27E	579369	3551272

Driller License: 1456 **Driller Company:** WHITE DRILLING COMPANY

Driller Name: WHITE, JOHNNOWN.GENER

Drill Start Date:	10/17/2019	**Drill Finish Date:**	10/17/2019	**Plug Date:**	10/17/2019
Log File Date:	11/04/2019	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	100 feet	**Depth Water:**	69 feet

Water Bearing Stratifications:	Top	Bottom	Description
	5	100	Other/Unknown

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

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320557104061601

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320557104061601 25S.28E.29.41243

Eddy County, New Mexico
Latitude 32°05'57", Longitude 104°06'16" NAD27
Land-surface elevation 2,968 feet above NAVD88
The depth of the well is 60 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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
1948-12-06		D	62610		2951.52	NGVD29	1	Z		
1948-12-06		D	62611		2953.11	NAVD88	1	Z		
1948-12-06		D	72019	14.89			1	Z		

Explanation

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

Section	Code	Description
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.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2021-08-09 15:16:44 EDT
0.27 0.24 nadww01

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

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

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320557104061501

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320557104061501 25S.28E.29.41243A

Eddy County, New Mexico
Latitude 32°05'56.0", Longitude 104°06'22.6" NAD83
Land-surface elevation 2,968.90 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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
1978-01-12		D	62610		2948.65	NGVD29	3	Z		
1978-01-12		D	62611		2950.24	NAVD88	3	Z		
1978-01-12		D	72019	20.25			3	Z		
1983-02-01		D	62610		2955.90	NGVD29	1	Z		
1983-02-01		D	62611		2957.49	NAVD88	1	Z		
1983-02-01		D	72019	13.00			1	Z		
1987-10-13		D	62610		2957.11	NGVD29	1	Z		
1987-10-13		D	62611		2958.70	NAVD88	1	Z		
1987-10-13		D	72019	11.79			1	Z		
1992-11-04		D	62610		2953.67	NGVD29	3	S		
1992-11-04		D	62611		2955.26	NAVD88	3	S		
1992-11-04		D	72019	15.23			3	S		
1998-01-23		D	62610		2953.60	NGVD29	1	S		
1998-01-23		D	62611		2955.19	NAVD88	1	S		
1998-01-23		D	72019	15.30			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
2003-01-28		D	62610		2948.57	NGVD29	1	S	USGS	
2003-01-28		D	62611		2950.16	NAVD88	1	S	USGS	
2003-01-28		D	72019	20.33			1	S	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	True value is above reported value due to local conditions
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
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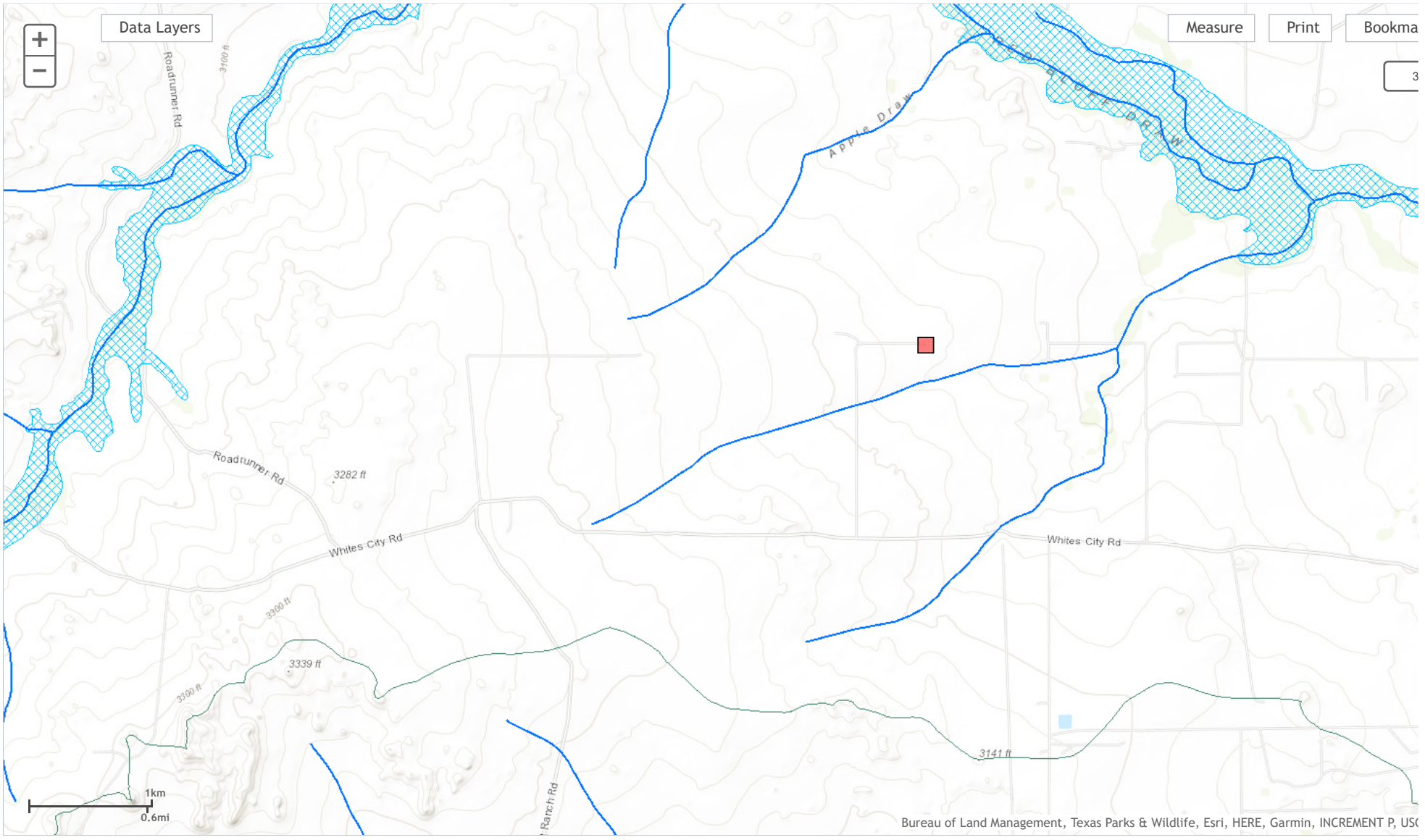
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2021-08-09 15:14:51 EDT
0.28 0.24 nadww02

NFHL Web Mapping Application

Please select a county



USGS science for a changing world

National Water Information System: Mapper

Site Information

Appendix C

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-5005-1
Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Myox 6 State 3H (7.10.21)

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Mike Carmona

JKRAMER

Authorized for release by:
8/15/2021 11:27:44 AM

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

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Laboratory Job ID: 880-5005-1
SDG: Eddy Co, NM

Table of Contents

Definitions/Glossary

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Job ID: 880-5005-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-5005-1

Receipt
The samples were received on 8/11/2021 11:32 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 3.7°C

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

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

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

Client Sample Results

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (0.5')

Lab Sample ID: 880-5005-1
Matrix: Solid
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

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		08/12/21 10:00	08/12/21 17:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 17:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 17:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 17:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 17:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 17:57	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*08/12/21 10:00*	*08/12/21 17:57*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*08/12/21 10:00*	*08/12/21 17:57*	*1*

Method: 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		08/12/21 10:01	08/14/21 12:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/21 10:01	08/14/21 12:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/21 10:01	08/14/21 12:18	1
Total TPH	<50.0	U	50.0		mg/Kg		08/12/21 10:01	08/14/21 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*08/12/21 10:01*	*08/14/21 12:18*	*1*
o-Terphenyl	*130*		*70 - 130*	*08/12/21 10:01*	*08/14/21 12:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.4**		5.05		mg/Kg			08/13/21 11:21	1

Client Sample ID: CS-2 (0.5')

Lab Sample ID: 880-5005-2
Matrix: Solid
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

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		08/12/21 10:00	08/12/21 18:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 18:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 18:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 18:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 18:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 18:18	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*08/12/21 10:00*	*08/12/21 18:18*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*08/12/21 10:00*	*08/12/21 18:18*	*1*

Method: 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		08/12/21 10:01	08/14/21 13:20	1

Client Sample Results

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Client Sample ID: CS-2 (0.5')

Lab Sample ID: 880-5005-2
Date Collected: 08/10/21 00:00
Matrix: Solid
Date Received: 08/11/21 11:32

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		08/12/21 10:01	08/14/21 13:20	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 13:20	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/12/21 10:01*	*08/14/21 13:20*	*1*
o-Terphenyl	*110*		*70 - 130*	*08/12/21 10:01*	*08/14/21 13:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.2**		5.04		mg/Kg			08/13/21 11:27	1

Client Sample ID: CS-3 (0.5')

Lab Sample ID: 880-5005-3
Date Collected: 08/10/21 00:00
Matrix: Solid
Date Received: 08/11/21 11:32

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		08/12/21 10:00	08/12/21 18:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/12/21 10:00	08/12/21 18:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/12/21 10:00	08/12/21 18:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/12/21 10:00	08/12/21 18:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/12/21 10:00	08/12/21 18:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/12/21 10:00	08/12/21 18:38	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/12/21 10:00	08/12/21 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*08/12/21 10:00*	*08/12/21 18:38*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/12/21 10:00*	*08/12/21 18:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/21 10:01	08/14/21 13:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/21 10:01	08/14/21 13:41	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/21 10:01	08/14/21 13:41	1
Total TPH	<49.8	U	49.8		mg/Kg		08/12/21 10:01	08/14/21 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/12/21 10:01*	*08/14/21 13:41*	*1*
o-Terphenyl	*112*		*70 - 130*	*08/12/21 10:01*	*08/14/21 13:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.5**		5.05		mg/Kg			08/13/21 11:32	1

Client Sample Results

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-5005-4
Matrix: Solid
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

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		08/12/21 10:00	08/12/21 18:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 18:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 18:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/12/21 10:00	08/12/21 18:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 18:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/12/21 10:00	08/12/21 18:59	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/12/21 10:00	08/12/21 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*08/12/21 10:00*	*08/12/21 18:59*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*08/12/21 10:00*	*08/12/21 18:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 14:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 14:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 14:02	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/12/21 10:01*	*08/14/21 14:02*	*1*
o-Terphenyl	*105*		*70 - 130*	*08/12/21 10:01*	*08/14/21 14:02*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.8**		4.98		mg/Kg			08/13/21 11:38	1

Client Sample ID: SW-1

Lab Sample ID: 880-5005-5
Matrix: Solid
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

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		08/12/21 10:00	08/12/21 19:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/12/21 10:00	08/12/21 19:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/12/21 10:00	08/12/21 19:19	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/12/21 10:00	08/12/21 19:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/12/21 10:00	08/12/21 19:19	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/12/21 10:00	08/12/21 19:19	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/12/21 10:00	08/12/21 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*08/12/21 10:00*	*08/12/21 19:19*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/12/21 10:00*	*08/12/21 19:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/21 10:01	08/14/21 14:22	1

Client Sample Results

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Client Sample ID: SW-1

Lab Sample ID: 880-5005-5
Matrix: Solid
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

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		08/12/21 10:01	08/14/21 14:22	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/21 10:01	08/14/21 14:22	1
Total TPH	<49.8	U	49.8		mg/Kg		08/12/21 10:01	08/14/21 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/12/21 10:01*	*08/14/21 14:22*	*1*
o-Terphenyl	*108*		*70 - 130*	*08/12/21 10:01*	*08/14/21 14:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**59.7**		5.00		mg/Kg			08/13/21 11:44	1

Client Sample ID: SW-2

Lab Sample ID: 880-5005-6
Matrix: Solid
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

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		08/12/21 10:00	08/12/21 19:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 19:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 19:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 19:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 19:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 19:39	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*08/12/21 10:00*	*08/12/21 19:39*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*08/12/21 10:00*	*08/12/21 19:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 14:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 14:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 14:43	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/21 10:01*	*08/14/21 14:43*	*1*
o-Terphenyl	*118*		*70 - 130*	*08/12/21 10:01*	*08/14/21 14:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.8**		4.99		mg/Kg			08/13/21 11:49	1

Client Sample Results

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Client Sample ID: SW-3

Lab Sample ID: 880-5005-7
Matrix: Solid
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

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		08/12/21 10:00	08/12/21 20:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 20:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 20:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 20:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 20:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 20:00	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/12/21 10:00*	*08/12/21 20:00*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*08/12/21 10:00*	*08/12/21 20:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/21 10:01	08/14/21 15:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/21 10:01	08/14/21 15:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/21 10:01	08/14/21 15:03	1
Total TPH	<49.8	U	49.8		mg/Kg		08/12/21 10:01	08/14/21 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*08/12/21 10:01*	*08/14/21 15:03*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*08/12/21 10:01*	*08/14/21 15:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.6**		5.05		mg/Kg			08/12/21 14:40	1

Client Sample ID: SW-4

Lab Sample ID: 880-5005-8
Matrix: Solid
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

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		08/12/21 10:00	08/12/21 20:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/12/21 10:00	08/12/21 20:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/12/21 10:00	08/12/21 20:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/12/21 10:00	08/12/21 20:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/12/21 10:00	08/12/21 20:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/12/21 10:00	08/12/21 20:20	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/12/21 10:00	08/12/21 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*08/12/21 10:00*	*08/12/21 20:20*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/12/21 10:00*	*08/12/21 20:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 15:24	1

Client Sample Results

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Client Sample ID: SW-4
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

Lab Sample ID: 880-5005-8
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		08/12/21 10:01	08/14/21 15:24	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 15:24	1
Total TPH	<49.9	U	49.9		mg/Kg		08/12/21 10:01	08/14/21 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*08/12/21 10:01*	*08/14/21 15:24*	*1*
o-Terphenyl	*123*		*70 - 130*	*08/12/21 10:01*	*08/14/21 15:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			08/12/21 14:56	1

Surrogate Summary

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
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)
880-5005-1	CS-1 (0.5')	123	102
880-5005-2	CS-2 (0.5')	126	97
880-5005-3	CS-3 (0.5')	120	96
880-5005-4	CS-4 (0.5')	115	89
880-5005-5	SW-1	112	98
880-5005-6	SW-2	124	93
880-5005-7	SW-3	121	93
880-5005-8	SW-4	130	98
890-1077-A-33-G MS	Matrix Spike	106	105
890-1077-A-33-H MSD	Matrix Spike Duplicate	109	107
LCS 880-6380/1-A	Lab Control Sample	109	105
LCSD 880-6380/2-A	Lab Control Sample Dup	109	106
MB 880-6380/5-A	Method Blank	107	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid | **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-5005-1	CS-1 (0.5')	120	130
880-5005-1 MS	CS-1 (0.5')	92	94
880-5005-1 MSD	CS-1 (0.5')	88	93
880-5005-2	CS-2 (0.5')	97	110
880-5005-3	CS-3 (0.5')	100	112
880-5005-4	CS-4 (0.5')	96	105
880-5005-5	SW-1	96	108
880-5005-6	SW-2	102	118
880-5005-7	SW-3	118	134 S1+
880-5005-8	SW-4	117	123
LCS 880-6430/2-A	Lab Control Sample	100	109
LCSD 880-6430/3-A	Lab Control Sample Dup	94	98
MB 880-6430/1-A	Method Blank	111	130

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6380/5-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:30*	*1*

Lab Sample ID: LCS 880-6380/1-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09363		mg/Kg		94	70 - 130
Toluene	0.100	0.08738		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08721		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1793		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08868		mg/Kg		89	70 - 130

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

Lab Sample ID: LCSD 880-6380/2-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09726		mg/Kg		97	70 - 130	4	35
Toluene	0.100	0.08919		mg/Kg		89	70 - 130	2	35
Ethylbenzene	0.100	0.08897		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1804		mg/Kg		90	70 - 130	1	35
o-Xylene	0.100	0.08981		mg/Kg		90	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 890-1077-A-33-G MS
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.101	0.1019		mg/Kg		101	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-1077-A-33-G MS
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00199	U	0.101	0.09253		mg/Kg		92	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.08916		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1795		mg/Kg		89	70 - 130
o-Xylene	<0.00199	U	0.101	0.08911		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 890-1077-A-33-H MSD
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.1074		mg/Kg		107	70 - 130	5	35
Toluene	<0.00199	U	0.100	0.09866		mg/Kg		99	70 - 130	6	35
Ethylbenzene	<0.00199	U	0.100	0.09490		mg/Kg		95	70 - 130	6	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1912		mg/Kg		96	70 - 130	6	35
o-Xylene	<0.00199	U	0.100	0.09493		mg/Kg		95	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

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

Lab Sample ID: MB 880-6430/1-A
Matrix: Solid
Analysis Batch: 6567

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6430

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		08/12/21 10:01	08/14/21 11:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/21 10:01	08/14/21 11:17	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/21 10:01	08/14/21 11:17	1
Total TPH	<50.0	U	50.0		mg/Kg		08/12/21 10:01	08/14/21 11:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*08/12/21 10:01*	*08/14/21 11:17*	*1*
o-Terphenyl	*130*		*70 - 130*	*08/12/21 10:01*	*08/14/21 11:17*	*1*

Lab Sample ID: LCS 880-6430/2-A
Matrix: Solid
Analysis Batch: 6567

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6430

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	871.6		mg/Kg		87	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-6430/2-A
Matrix: Solid
Analysis Batch: 6567

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6430

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (Over C10-C28)			1000	861.9		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*109*		*70 - 130*

Lab Sample ID: LCSD 880-6430/3-A
Matrix: Solid
Analysis Batch: 6567

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6430

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	894.4		mg/Kg		89	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	786.5		mg/Kg		79	70 - 130	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

Lab Sample ID: 880-5005-1 MS
Matrix: Solid
Analysis Batch: 6567

Client Sample ID: CS-1 (0.5')
Prep Type: Total/NA
Prep Batch: 6430

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	883.2		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	817.7		mg/Kg		79	70 - 130		

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

Lab Sample ID: 880-5005-1 MSD
Matrix: Solid
Analysis Batch: 6567

Client Sample ID: CS-1 (0.5')
Prep Type: Total/NA
Prep Batch: 6430

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	862.3		mg/Kg		85	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	789.0		mg/Kg		76	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*88*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6376/1-A
Matrix: Solid
Analysis Batch: 6409

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			08/13/21 08:45	1

Lab Sample ID: LCS 880-6376/2-A
Matrix: Solid
Analysis Batch: 6409

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	255.7		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-6376/3-A
Matrix: Solid
Analysis Batch: 6409

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	256.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-4994-A-1-D MS
Matrix: Solid
Analysis Batch: 6409

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	405		250	669.3		mg/Kg		106	90 - 110		

Lab Sample ID: 880-4994-A-1-E MSD
Matrix: Solid
Analysis Batch: 6409

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	405		250	670.5		mg/Kg		106	90 - 110	0	20

Lab Sample ID: MB 880-6397/1-A
Matrix: Solid
Analysis Batch: 6463

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			08/12/21 14:24	1

Lab Sample ID: LCS 880-6397/2-A
Matrix: Solid
Analysis Batch: 6463

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	257.6		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-6397/3-A
Matrix: Solid
Analysis Batch: 6463

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

QC Sample Results

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-5005-7 MS
Matrix: Solid
Analysis Batch: 6463

Client Sample ID: SW-3
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	24.6		253	291.4		mg/Kg		106	90 - 110		

Lab Sample ID: 880-5005-7 MSD
Matrix: Solid
Analysis Batch: 6463

Client Sample ID: SW-3
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	24.6		253	290.6		mg/Kg		105	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 6380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5005-1	CS-1 (0.5')	Total/NA	Solid	5035	
880-5005-2	CS-2 (0.5')	Total/NA	Solid	5035	
880-5005-3	CS-3 (0.5')	Total/NA	Solid	5035	
880-5005-4	CS-4 (0.5')	Total/NA	Solid	5035	
880-5005-5	SW-1	Total/NA	Solid	5035	
880-5005-6	SW-2	Total/NA	Solid	5035	
880-5005-7	SW-3	Total/NA	Solid	5035	
880-5005-8	SW-4	Total/NA	Solid	5035	
MB 880-6380/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6380/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6380/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1077-A-33-G MS	Matrix Spike	Total/NA	Solid	5035	
890-1077-A-33-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 6428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5005-1	CS-1 (0.5')	Total/NA	Solid	8021B	6380
880-5005-2	CS-2 (0.5')	Total/NA	Solid	8021B	6380
880-5005-3	CS-3 (0.5')	Total/NA	Solid	8021B	6380
880-5005-4	CS-4 (0.5')	Total/NA	Solid	8021B	6380
880-5005-5	SW-1	Total/NA	Solid	8021B	6380
880-5005-6	SW-2	Total/NA	Solid	8021B	6380
880-5005-7	SW-3	Total/NA	Solid	8021B	6380
880-5005-8	SW-4	Total/NA	Solid	8021B	6380
MB 880-6380/5-A	Method Blank	Total/NA	Solid	8021B	6380
LCS 880-6380/1-A	Lab Control Sample	Total/NA	Solid	8021B	6380
LCSD 880-6380/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6380
890-1077-A-33-G MS	Matrix Spike	Total/NA	Solid	8021B	6380
890-1077-A-33-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	6380

GC Semi VOA

Prep Batch: 6430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5005-1	CS-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-5005-2	CS-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-5005-3	CS-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-5005-4	CS-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-5005-5	SW-1	Total/NA	Solid	8015NM Prep	
880-5005-6	SW-2	Total/NA	Solid	8015NM Prep	
880-5005-7	SW-3	Total/NA	Solid	8015NM Prep	
880-5005-8	SW-4	Total/NA	Solid	8015NM Prep	
MB 880-6430/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6430/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5005-1 MS	CS-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-5005-1 MSD	CS-1 (0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 6567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5005-1	CS-1 (0.5')	Total/NA	Solid	8015B NM	6430

QC Association Summary

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 6567 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5005-2	CS-2 (0.5')	Total/NA	Solid	8015B NM	6430
880-5005-3	CS-3 (0.5')	Total/NA	Solid	8015B NM	6430
880-5005-4	CS-4 (0.5')	Total/NA	Solid	8015B NM	6430
880-5005-5	SW-1	Total/NA	Solid	8015B NM	6430
880-5005-6	SW-2	Total/NA	Solid	8015B NM	6430
880-5005-7	SW-3	Total/NA	Solid	8015B NM	6430
880-5005-8	SW-4	Total/NA	Solid	8015B NM	6430
MB 880-6430/1-A	Method Blank	Total/NA	Solid	8015B NM	6430
LCS 880-6430/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6430
LCSD 880-6430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6430
880-5005-1 MS	CS-1 (0.5')	Total/NA	Solid	8015B NM	6430
880-5005-1 MSD	CS-1 (0.5')	Total/NA	Solid	8015B NM	6430

HPLC/IC

Leach Batch: 6376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5005-1	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-5005-2	CS-2 (0.5')	Soluble	Solid	DI Leach	
880-5005-3	CS-3 (0.5')	Soluble	Solid	DI Leach	
880-5005-4	CS-4 (0.5')	Soluble	Solid	DI Leach	
880-5005-5	SW-1	Soluble	Solid	DI Leach	
880-5005-6	SW-2	Soluble	Solid	DI Leach	
MB 880-6376/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6376/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6376/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4994-A-1-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-4994-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 6397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5005-7	SW-3	Soluble	Solid	DI Leach	
880-5005-8	SW-4	Soluble	Solid	DI Leach	
MB 880-6397/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6397/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6397/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5005-7 MS	SW-3	Soluble	Solid	DI Leach	
880-5005-7 MSD	SW-3	Soluble	Solid	DI Leach	

Analysis Batch: 6409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5005-1	CS-1 (0.5')	Soluble	Solid	300.0	6376
880-5005-2	CS-2 (0.5')	Soluble	Solid	300.0	6376
880-5005-3	CS-3 (0.5')	Soluble	Solid	300.0	6376
880-5005-4	CS-4 (0.5')	Soluble	Solid	300.0	6376
880-5005-5	SW-1	Soluble	Solid	300.0	6376
880-5005-6	SW-2	Soluble	Solid	300.0	6376
MB 880-6376/1-A	Method Blank	Soluble	Solid	300.0	6376
LCS 880-6376/2-A	Lab Control Sample	Soluble	Solid	300.0	6376
LCSD 880-6376/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6376
880-4994-A-1-D MS	Matrix Spike	Soluble	Solid	300.0	6376

QC Association Summary

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 6409 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4994-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	6376

Analysis Batch: 6463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5005-7	SW-3	Soluble	Solid	300.0	6397
880-5005-8	SW-4	Soluble	Solid	300.0	6397
MB 880-6397/1-A	Method Blank	Soluble	Solid	300.0	6397
LCS 880-6397/2-A	Lab Control Sample	Soluble	Solid	300.0	6397
LCSD 880-6397/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6397
880-5005-7 MS	SW-3	Soluble	Solid	300.0	6397
880-5005-7 MSD	SW-3	Soluble	Solid	300.0	6397

Lab Chronicle

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (0.5')
Lab Sample ID: 880-5005-1

Date Collected: 08/10/21 00:00
Matrix: Solid
Date Received: 08/11/21 11:32

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	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 17:57	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6430	08/12/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6567	08/14/21 12:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6376	08/11/21 13:00	SC	XEN MID
Soluble	Analysis	300.0		1			6409	08/13/21 11:21	CH	XEN MID

Client Sample ID: CS-2 (0.5')
Lab Sample ID: 880-5005-2

Date Collected: 08/10/21 00:00
Matrix: Solid
Date Received: 08/11/21 11:32

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	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 18:18	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6430	08/12/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6567	08/14/21 13:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6376	08/11/21 13:00	SC	XEN MID
Soluble	Analysis	300.0		1			6409	08/13/21 11:27	CH	XEN MID

Client Sample ID: CS-3 (0.5')
Lab Sample ID: 880-5005-3

Date Collected: 08/10/21 00:00
Matrix: Solid
Date Received: 08/11/21 11:32

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	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 18:38	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6430	08/12/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6567	08/14/21 13:41	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6376	08/11/21 13:00	SC	XEN MID
Soluble	Analysis	300.0		1			6409	08/13/21 11:32	CH	XEN MID

Client Sample ID: CS-4 (0.5')
Lab Sample ID: 880-5005-4

Date Collected: 08/10/21 00:00
Matrix: Solid
Date Received: 08/11/21 11:32

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	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 18:59	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6430	08/12/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6567	08/14/21 14:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6376	08/11/21 13:00	SC	XEN MID
Soluble	Analysis	300.0		1			6409	08/13/21 11:38	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Client Sample ID: SW-1
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

Lab Sample ID: 880-5005-5
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			5.04 g	5 mL	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 19:19	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6430	08/12/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6567	08/14/21 14:22	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6376	08/11/21 13:00	SC	XEN MID
Soluble	Analysis	300.0		1			6409	08/13/21 11:44	CH	XEN MID

Client Sample ID: SW-2
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

Lab Sample ID: 880-5005-6
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			5.00 g	5 mL	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 19:39	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6430	08/12/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6567	08/14/21 14:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6376	08/11/21 13:00	SC	XEN MID
Soluble	Analysis	300.0		1			6409	08/13/21 11:49	CH	XEN MID

Client Sample ID: SW-3
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

Lab Sample ID: 880-5005-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 20:00	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6430	08/12/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6567	08/14/21 15:03	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 14:40	CH	XEN MID

Client Sample ID: SW-4
Date Collected: 08/10/21 00:00
Date Received: 08/11/21 11:32

Lab Sample ID: 880-5005-8
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			4.98 g	5 mL	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 20:20	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6430	08/12/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6567	08/14/21 15:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6397	08/12/21 12:32	SC	XEN MID
Soluble	Analysis	300.0		1			6463	08/12/21 14:56	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
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
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
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

Sample Summary

Client: NT Global
Project/Site: Myox 6 State 3H (7.10.21)

Job ID: 880-5005-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-5005-1	CS-1 (0.5')	Solid	08/10/21 00:00	08/11/21 11:32
880-5005-2	CS-2 (0.5')	Solid	08/10/21 00:00	08/11/21 11:32
880-5005-3	CS-3 (0.5')	Solid	08/10/21 00:00	08/11/21 11:32
880-5005-4	CS-4 (0.5')	Solid	08/10/21 00:00	08/11/21 11:32
880-5005-5	SW-1	Solid	08/10/21 00:00	08/11/21 11:32
880-5005-6	SW-2	Solid	08/10/21 00:00	08/11/21 11:32
880-5005-7	SW-3	Solid	08/10/21 00:00	08/11/21 11:32
880-5005-8	SW-4	Solid	08/10/21 00:00	08/11/21 11:32

Chain of Custody

NTG ENVIRONMENTAL

880-5005 Chain of Custody

r No: 5005

Page 1 of 1

Project Manager	Mike Carmona	Bill to (if different)	Jacqui Harris
Company Name	NTG Environmental	Company Name	COG
Address	701 Tradewinds BLVD	Address.	15 W London Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving NM 88256
Phone.	432-813-0263	Email	jacquiharris@conocophilips 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	Myox 6 State 3H (7 10 21)	Turn Around	
Project Number	214474	☐ Routine ☑ Rush	
Project Location	Eddy Co, NM	Due Date	72 hrs
Sampler's Name	NH	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice.	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals.	Yes No (N/A)	Correction Factor	0.5
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.2
Total Containers.		Corrected Temperature	3.7

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD
CS-1 (0 5')	8/10/2021	-	x	N/A	Comp	1			x	x	x	
CS-2 (0 5')	8/10/2021	-	x	N/A	Comp	1			x	x	x	
CS-3 (0 5')	8/10/2021	-	x	N/A	Comp	1			x	x	x	
CS-4 (0 5')	8/10/2021	-	x	N/A	Comp	1			x	x	x	
SW-1	8/10/2021	-	x	N/A	Comp	1			x	x	x	
SW-2	8/10/2021	-	x	N/A	Comp	1			x	x	x	
SW-3	8/10/2021	-	x	N/A	Comp	1			x	x	x	
SW-4	8/10/2021	-	x	N/A	Comp	1			x	x	x	

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Comments

Additional Comments:

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1			2		
3		8/11/21 1128	4		
5			6		

Revised Date 05012020 Rev 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-5005-1
SDG Number: Eddy Co, NM

Login Number: 5005
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 times on COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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 55255

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 55255
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	Closure approved.	2/22/2022