te of New Mexico

Incident ID NAPP2135557224

Incident ID	NAPP2135557224
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 19.15.29.1	✓ 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						
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions that existed prior to the release or their final land use in					
Printed Name: Todd Wells	Title: Environmental Specialist					
Signature: Todd Wells	Date: 1/26/2022					
email: Todd_Wells@eogresources.com	Telephone: (432) 686-3613					
OCD Only						
Received by: Chad Hensley	Date: 02/10/2022					
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.					
Closure Approved by:	Date: 02/10/2022					
Printed Name: Chad Hensley	Title: Environmental Specialist Advanced					
<del></del>						



### Site Information

Closure Report
State 16 Battery
Lea County, New Mexico
Unit J Sec 16 T18S R33E
Incident #: NAPP2135557224
32.745700°, -103.666327°

Produced Water Release
Source: 2" ball valve failed on the header
Release Date: 12/7/21

Volume Released: 18 bbls/Produced Water Volume Recovered: 16 bbls/Produced Water

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

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



# TABLE OF CONTENTS

# **FIGURES**

FIGURE 1	OVERVIEW MAP
FIGURE 2	TOPOGRAPHIC MAP
FIGURE 3	SITE LOCATION MAP
FIGURE 4	EXCAVATION DEPTH MAP

# TABLES/PHOTOLOG

TABLE 1	INITIAL SOIL ANALYTICAL RESULTS
TABLE 2	REMEDIATION SOIL ANALYTICAL RESULTS
PHOTOS	PHOTOLOG

# **APPENDICES**

APPENDIX A	C-141 INITIAL AND FINAL
APPENDIX B	GROUNDWATER RESEARCH
APPENDIX C	LABORATORY ANALYTICAL REPORTS



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

January 20, 2022

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

Re: Closure Report

State 16 Battery EOG Resources Inc.

Incident # NAPP2135557224

Site Location: Unit J, S16, T18S, R33E (Lat 32.745700°, Long -103.666327°)

**Lea County, New Mexico** 

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document the State 16 Battery site assessment and remediation activities. The site is located at 32.745700°, -103.666327° within Unit J, S16, T18S, R33E, in Lea County (Figures 1 and 2).

### **Background**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 7, 2021, due to a 2" ball valve failing on the header. It resulted in approximately eighteen (18) barrels of produced water. Sixteen (16) barrels of produced water were recovered. The impacted area measured about 75' x 25' and is shown on Figure 3.

### **Site Characterization**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water features within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.13 miles Northeast of the site in S09, T18S, R33E. The well has a reported depth to groundwater of 70 feet below ground surface (ft bgs) and was drilled in 1975. 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 December 30, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the release. A total of nine (9) sample points were advanced to depths ranging surface – 2.5 ft bgs within and surrounding the release area to assess potential impacts' vertically and horizontally. The soil sample locations are shown on Figure 3. For chemical analysis, the soil samples were

collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015 modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports containing analytical methods, results, and chain-of-custody documents are attached in Appendix C. The analytical results are provided in Table 1.

S-1 through S-3 areas showed high TPH concentrations at a depth of 1.0' below surface ranging from 104 mg/kg to 9,876 mg/kg. The area of (S-3) showed high chloride concentrations at a depth of 1.0' below surface, and a concentration of 960 mg/kg. All areas were vertically defined. Refer to Table 1.

### Remediation Activities and Confirmation Sampling

New Tech Global Environmental personnel were onsite between January 12 - 20, 2022, supervising the remediation activities and collecting confirmation samples. Before remediation activities, the site was hydro vacuumed and hand spotted.

A total of eight (8) confirmation samples were collected (CS-1 through CS-8), and six (6) sidewall samples (SW-1 through SW-6) 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/ chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

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 135 cubic yards of material were excavated and transported offsite for proper disposal.

#### **Conclusions**

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

Sincerely,

NTG Environmental

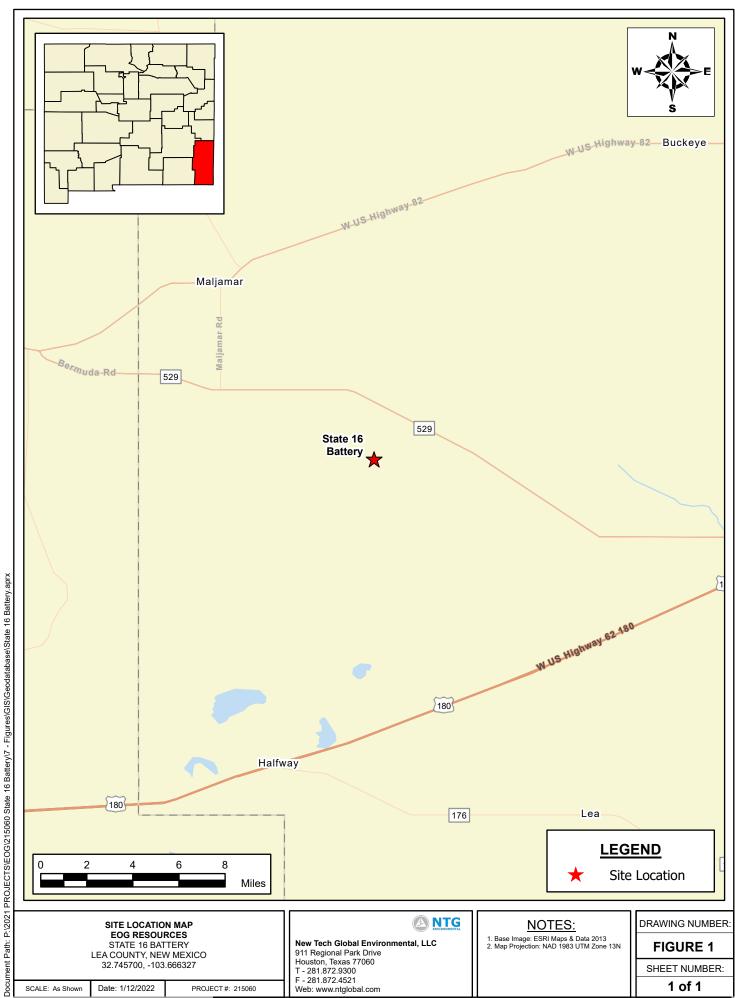
Mike Carmona

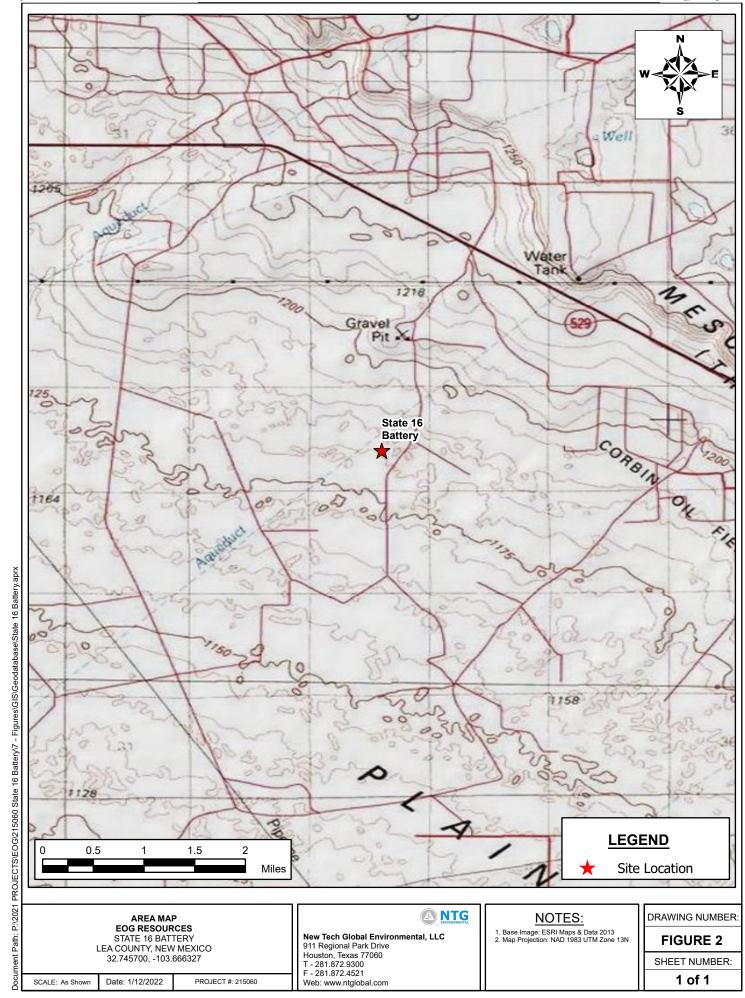
Senior Project Manager

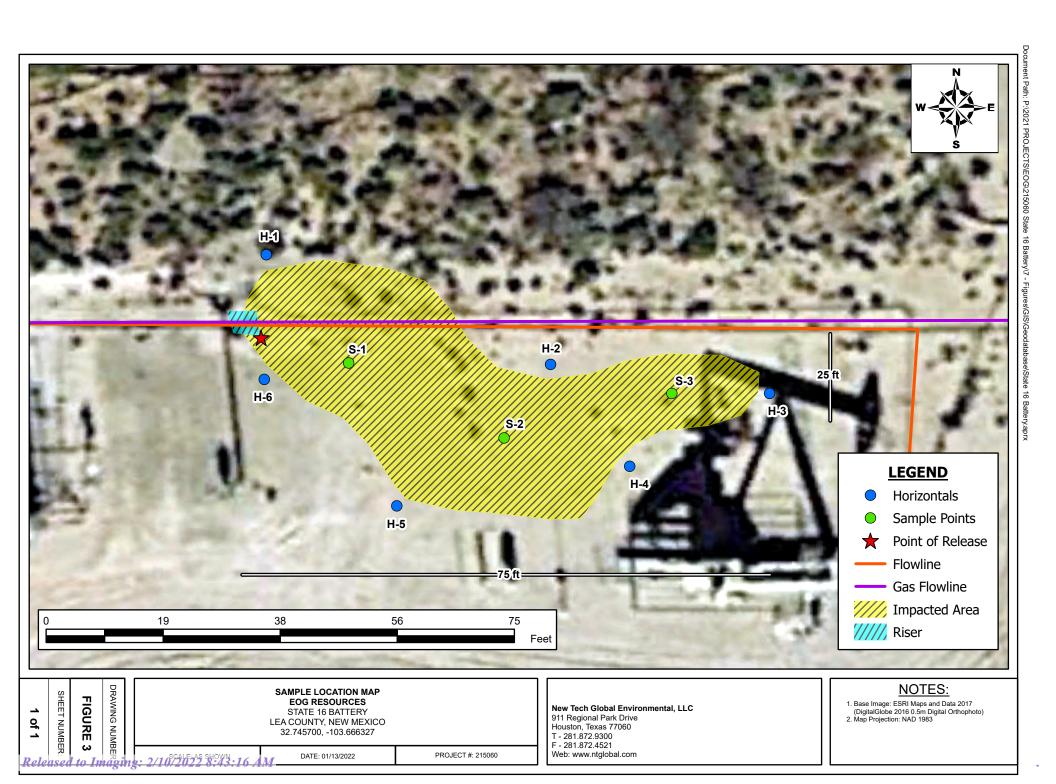
Ashton Thielke Project Manager

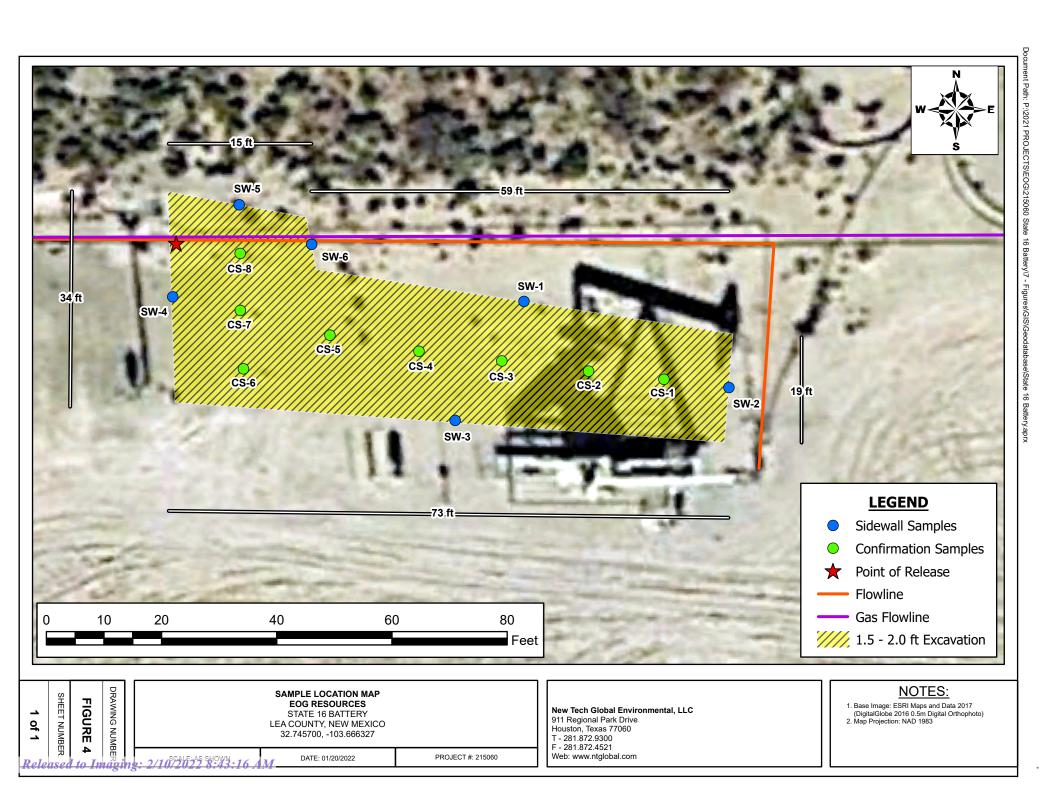


# **Figures**











**Tables** 

Table 1
EOG Resources
State 16 Battery
Lea County, New Mexico

0	Dete	Sample	TPH (mg/kg)			Benzene Toluene	e Ethlybenzene	Xylene	Total	Chloride		
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
	12/30/2021	0-1	<10.0	698	155	853	<0.050	<0.050	<0.050	0.159	<0.300	304
S-1	"	1-1.5	<10.0	<10.0	11.7	11.7	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
]	"	2-2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	3-3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	12/30/2021	0-1	<10.0	86.3	17.9	104	<0.050	<0.050	<0.050	<0.150	<0.300	192
S-2	"	1-1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2-2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	12/30/2021	0-1	86.2	8,100	1,690	9,876	<0.050	0.409	0.473	1.45	2.34	960
S-3	"	1-1.5	<10.0	34.0	29.4	63.4	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	11	2-2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-1	12/30/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-2	12/30/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-3	12/30/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-4	12/30/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-5	12/30/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-6	12/30/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Regulato	ory Limits <sup>A</sup>					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

- Removed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet



Table 2 **EOG Resources State 16 Battery** Lea County, New Mexico

O I . ID	Duti	Sample	TPH (mg/kg)			Benzene	Benzene Toluene	Ethlybenzene	Xylene	Total	Chloride	
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
CS-1	1/13/2022	1.5'	<50.0	143	<50.0	143	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	35.9
03-1	1/20/2022	2.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.50	<0.300	<16.0
00.0	1/13/2022	1.5'	<49.9	255	<49.9	255	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	193
CS-2	1/20/2022	2.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.50	<0.300	<16.0
CS-3	1/13/2022	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	23.4
CC 4	1/13/2022	1.5'	<50.0	486	<50.0	486	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	293
CS-4	1/20/2022	2.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.50	<0.300	<16.0
CS-5	1/13/2022	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	0.00984	<0.00404	0.00984	16.7
CS-6	1/13/2022	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	84.2
CS-7	1/13/2022	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	60.8
CS-8	1/13/2022	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	38.0
SW-1	1/13/2022		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.4
SW-2	1/13/2022		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	33.0
SW-3	1/13/2022		<49.9	66.8	<49.9	66.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	85.3
SW-4	1/13/2022		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	98.7
SW-5	1/13/2022		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.64
SW-6	1/13/2022		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<5.00
Regulate	ory Limits <sup>A</sup>					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
- Remov	ed											

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet



NTGE Project No. 215060



# Photo Log

# PHOTOGRAPHIC LOG

#### **EOG Resources**

### Photograph No. 1

Facility: State 16 Battery

County: Lea County, New Mexico

### **Description:**

View West, Area of Confirmation Samples (1-8).



### Photograph No. 2

Facility: State 16 Battery

County: Lea County, New Mexico

### **Description:**

View Northeast, Area of Confirmation Samples (1-7).



# Photograph No. 3

Facility: State 16 Battery

County: Lea County, New Mexico

# Description:

View North, Area of Confirmation Samples (3-8).





# 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	nAPP2135557224
District RP	
Facility ID	
Application ID	

# **Release Notification**

# **Responsible Party**

Responsible Party EOG Resources					OGRID 7377				
Contact Name Todd Wells					Contact Telephone (432) 686-3613				
Contact email Todd_Wells@eogresources.com					Incident #	# (assigned by OCD) nAPP2135557224			
Contact mail 79706	ing address	5509 Champions	Drive Midland,	TX					
			Location	n of R	Release S	Source			
Latitude 32.7	Latitude 32.745700° Longitude -103.666327°								
<u> </u>	,		(NAD 83 in a	decimal de	egrees to 5 deci				
Site Name S	tate 16 Batte	ery			Site Type	Tank Battery			
Date Release	Discovered	12/7/21			API# (if ap)	pplicable)			
Unit Letter	Section	Township	Range		Cou	intv			
J	16	18S	33E	Lea					
	Materia	l(s) Released (Select a	Nature an			Release c justification for the volumes provided below)			
Crude Oi		Volume Releas			1	Volume Recovered (bbls)			
Produced	Water	Volume Releas	ed (bbls) 18			Volume Recovered (bbls) 16			
		Is the concentra	tion of dissolved >10,000 mg/l?	chlorid	e in the	⊠ Yes □ No			
Condensa	ite	Volume Releas	ed (bbls)			Volume Recovered (bbls)			
Natural C	☐ Natural Gas Volume Released (Mcf)				Volume Recovered (Mcf)				
Other (describe) Volume/Weight Released (provide units			ts) Volume/Weight Recovered (provide units)						
Cause of Rel the pad with			e header failed ca	using th	e release. T	This released approximately 18 bbls of proc	luced water on		

Received by OCD: 1/26/2022 8:44:25 AMI
State of New Mexico
Page 2
Oil Conservation Division

	ağ	100	-1	w	- 20	ø.	61	
-	"	40	54	ന	LI.		77	- 7

Incident ID	NAPP2135557224
District RP	
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?	
19.13.29.7(11) 1377110.	
☐ Yes ⊠ No	
If YES, was immediate no	otice 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 rele	ease has been stopped.
	is been secured to protect human health and the environment.
•	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.
	ecoverable materials have been removed and managed appropriately.
<u> </u>	d above have <u>not</u> been undertaken, explain why:
if all the actions described	1 above have <u>not</u> been undertaken, explain why.
	AC the responsible party may commence remediation immediately after discovery of a release. If remediation
C 1	a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger
public health or the environr	nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have
	ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
and/or regulations.	1 a C-141 report does not reneve the operator of responsibility for compliance with any other rederal, state, or local laws
Drinted Names Todd W	Titles Environmental Specialist
Printed Name: <u>Todd W</u>	
Signature: Todd	<i>Wells</i> Date: <u>12-21-21</u>
email: Todd Wells	@eogresources.com
OCD Only	
Descrived how Damons	Marcus Date: 12/27/2021
Received by: Ramona	viaicus Date: 12/2//2021

Received by OCD: 1/26/2022 8:44:25 AM Form C-141 State of New Mexico
Page 3 Oil Conservation Division

	Page 19 of 99
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.

(ft bgs)
☐ Yes ☐ No
Yes No
☐ Yes ☐ No
Yes No
Yes No
☐ Yes ☐ No
☐ Yes ☐ No
☐ Yes ☐ No
☐ Yes ☐ No
☐ Yes ☐ No
☐ Yes ☐ No
☐ Yes ☐ No
tical extents of soil
S.

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.

Received by OCD: 1/26/2022 8:44:25 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 20 of 99
Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release no public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	tifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name:	Title:
Signature: Todd Wells	Date:
email:	Telephone:
OCD Only	
Received by:	Date:

Received by OCD: 1/26/2022 8:44:25 AM Form C-141 State of New Mexico
Page 6 Oil Conservation Division

	Page 21 of 99
Incident ID	
District RP	
Facility ID	
Application ID	

# Closure

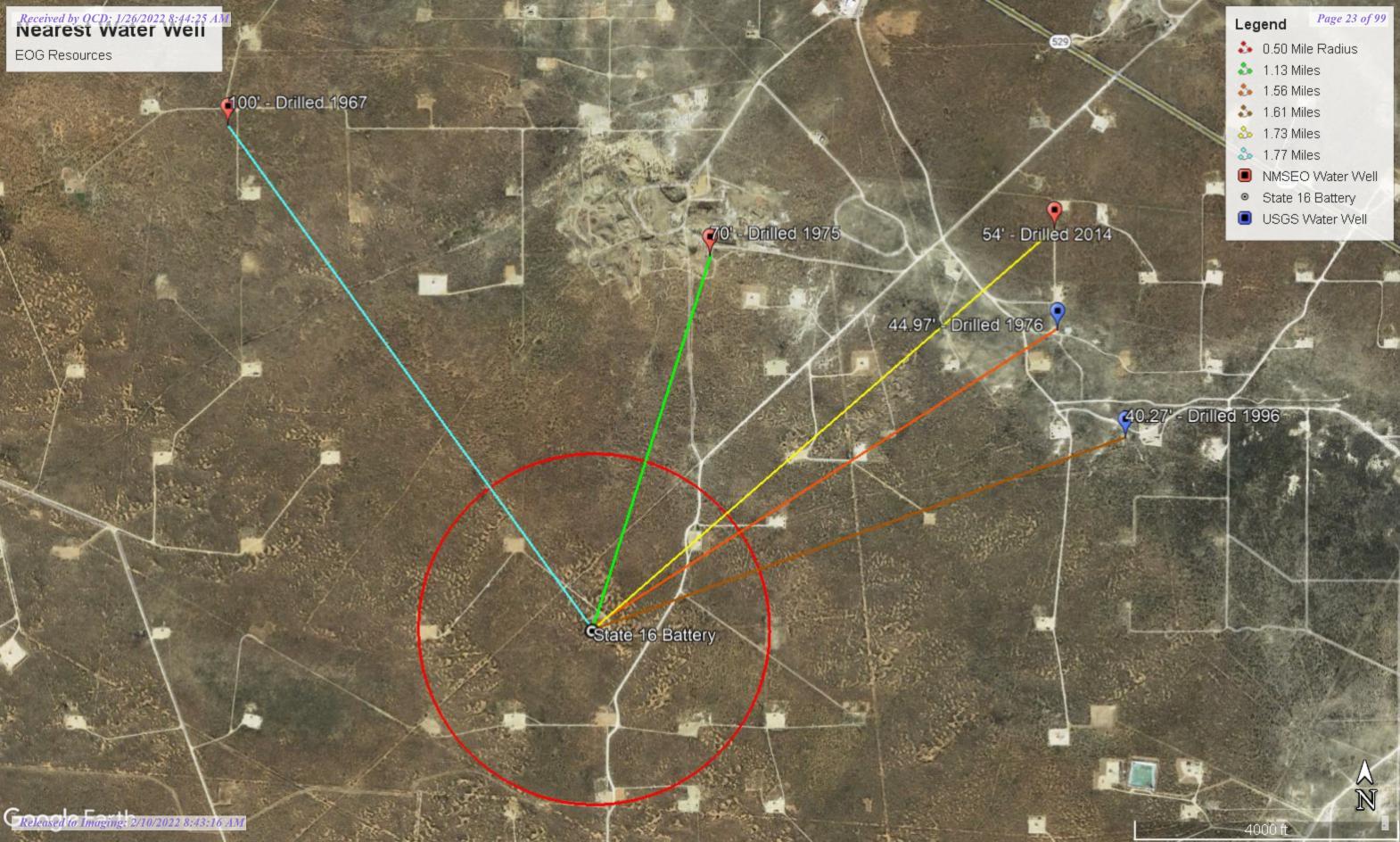
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled 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.

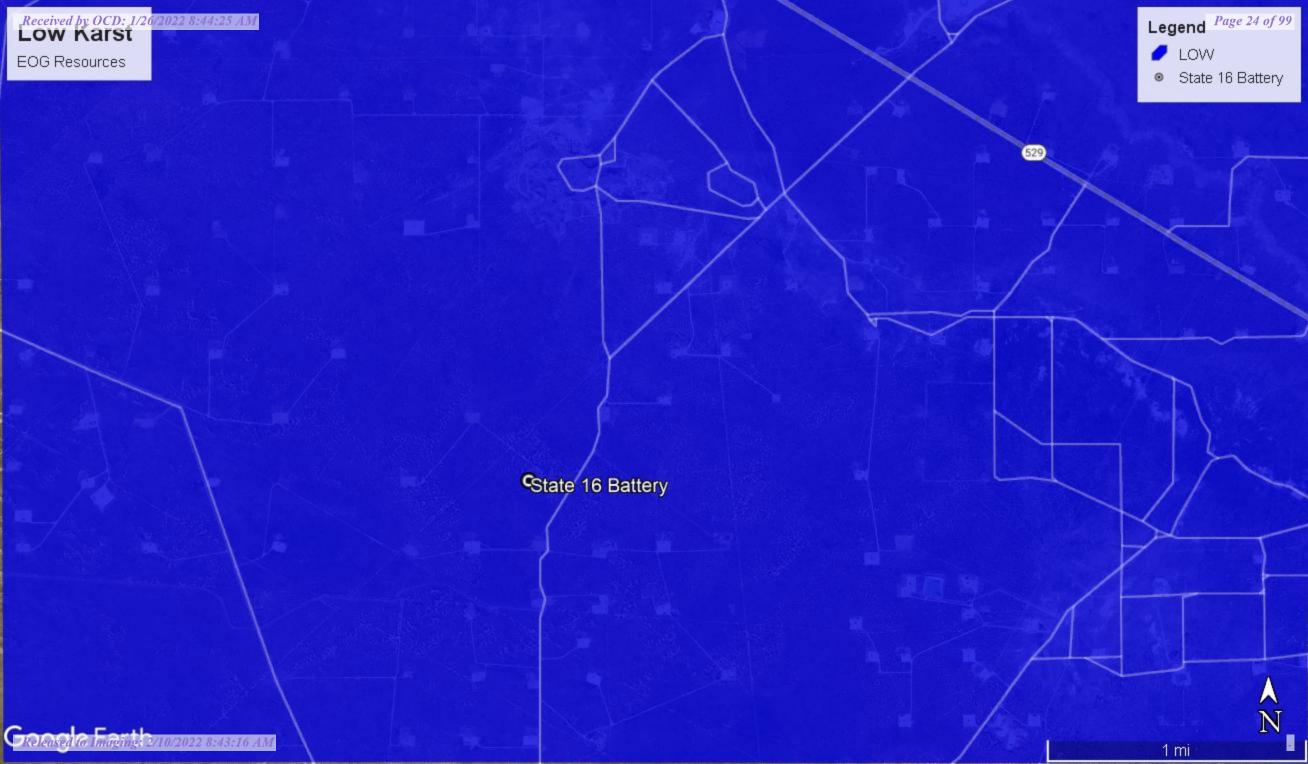
Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name:	
Signature: Todd Wells	Date:
email:	Telephone:
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:



Appendix B







# 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													
	Sub-			Q (	-	_			.,	.,		-	-	Water
POD Number	Code basin								X	Y	Distance			Column
CP 00546 POD1	CP	LE	2	2	4 (	09 18	8S :	33E	625464	3625597*	1790	90	70	20
CP 00072 POD4	CP	LE	1	4	2 ′	10 18	8S :	33E	625948	3626028 🌕	2367	70		
CP 00072 POD3	CP	LE	2	4	4 ′	10 18	8S :	33E	627076	3625223*	2515	70		
CP 01417 POD1	CP	LE			•	11 18	8S :	33E	627036	3625738 🌍	2794	120	54	66
L 06131	L	LE	3	1	2 (	08 18	8S :	33E	623241	3626167* 🌕	2851	194	100	94
<u>CP 00701</u>	CP	LE		1	3 ′	11 18	8S :	33E	627373	3625534*	2934	100		
CP 00701 POD2	СР	LE	4	1	3 ′	11 18	8S :	33E	627472	3625433* 🌕	2963	100		
CP 00758 POD1	СР	LE			3 (	04 18	8S :	33E	624345	3626886* 🎒	3063	250		
L 04649	L	LE	1	1	3 (	03 18	8S :	33E	625644	3627213* 🎒	3402	100	45	55
C 04548 POD1	CUB	LE	1	2	1 (	01 20	6S :	32E	628238	3622599 🌑	3532		110	
CP 00072 POD1	СР	LE	2	3	4 ′	11 18	8S :	33E	628284	3625242*	3603	85		
CP 00072 POD5	СР	LE	2	1	4 ′	11 18	8S :	33E	628219	3625573 🌍	3683	100	64	36
L 03454	L	LE		2	2 3	30 18	8S :	33E	622200	3621422*	3687	100	35	65
CP 00072 POD2	СР	LE			4 ′	11 18	8S :	33E	628386	3625344 🌕	3736	90		
CP 00072 POD6	СР	LE	2	4	4 ′	11 18	8S :	33E	628603	3625179	3879	100	61	39

Average Depth to Water:

67 feet

Minimum Depth:

35 feet

Maximum Depth:

110 feet

**Record Count: 15** 

**UTMNAD83 Radius Search (in meters):** 

Easting (X): 624947 Northing (Y): 3623882.47 Radius: 4000

#### \*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.



# New Mexico Office of the State Engineer

# **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

06121 2 1 2 00 100 22

X Y

L 06131 3 1 2 08 18S 33E

623241 3626167\*

9

**Driller License:** 99 **Driller Company:** O.R. MUSSELWHITE WATER WELL SE

**Driller Name:** 

**Drill Start Date:** 04/27/1967 **Drill Finish Date:** 04/29/1967 **Plug Date:** 

**Log File Date:** 05/02/1967 **PCW Rcv Date:** Source: Shallow

Pump Type: Pipe Discharge Size: Estimated Yield:

Casing Size: 7.00 Depth Well: 194 feet Depth Water: 100 feet

Water Bearing Stratifications: Top Bottom Description

130 135 Sandstone/Gravel/Conglomerate
185 193 Sandstone/Gravel/Conglomerate

Casing Perforations: Top Bottom

150 194

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.

12/30/21 10:04 AM

POINT OF DIVERSION SUMMARY

<sup>\*</sup>UTM location was derived from PLSS - see Help



# New Mexico Office of the State Engineer

# **Point of Diversion Summary**

18S 33E

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** 

Q64 Q16 Q4 Sec Tws Rng 09

CP 00546 POD1

625464 3625597\*

**Driller License:** 208 **Driller Company:** VAN NOY, W.L.

**Driller Name:** VAN NOY, W.L.

**Drill Start Date:** 06/01/1975 **Drill Finish Date:** 06/03/1975 **Plug Date:** 

**PCW Rcv Date:** Log File Date: 10/02/1978 Source: Shallow

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

**Casing Size:** 6.63 Depth Well: 90 feet Depth Water: 70 feet

> **Water Bearing Stratifications: Top Bottom Description**

> > 70 85 Other/Unknown

**Casing Perforations:** Top **Bottom** 

> 70 85

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.

12/30/21 10:00 AM

POINT OF DIVERSION SUMMARY

<sup>\*</sup>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 Tws Rng

CP 01417 POD1

18S 33E

627036 3625738

**Driller License:** 

1632

**Driller Company:** 

HOPPER PUMP & DRILLING, INC.

**Driller Name:** 

**Drill Start Date:** 

CALEB CURRY

12/01/2014 **Drill Finish Date:** 

12/01/2014

**Plug Date:** 

Log File Date:

12/15/2014

**PCW Rcv Date:** 

Source:

Shallow

**Pump Type:** 

Pipe Discharge Size:

**Estimated Yield:** 

6 GPM

**Casing Size:** 

5.00

Depth Well:

120 feet Depth Water: 54 feet

Water Bearing Stratifications:

**Top Bottom Description** 

120

35

60

90 Sandstone/Gravel/Conglomerate

**Casing Perforations:** 

Top **Bottom** 

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.

12/30/21 10:02 AM

POINT OF DIVERSION SUMMARY

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> 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 Monitoring Location Page

# Search Results -- 1 sites found

Agency code = usgs

site\_no list =

• 324519103383002

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 324519103383002 18S.33E.10.44211A

Lea County, New Mexico

Latitude 32°45'29", Longitude 103°38'37" NAD27

Land-surface elevation 3,984.10 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** 

					output forn	nats				
Table of data										
Tab-separated	d data									
<u>Graph of data</u>	Į.									
Reselect perio	o <u>d</u>									
Date \$	Time \$	? Water- level  date-	? Parameter	Water level, feet \$\displaystyle below	Water level, feet above \$ specific	Referenced vertical \$\datum\$	? \$	? Method of	? Measuring 🌣	? Source
		time accuracy	code	land surface	vertical datum		Status	measurement	agency	measu
1976-02-18		D	62610		3939.13	NGVD29	3	Z		
1976-02-18		D	62611		3940.76	NAVD88	3	Z		
1976-02-18		D	72019	44.97			3	Z		

Explanation
-------------

<b>\$</b>	Code	\$	Description	\$
	D		Date is accurate to the Day	
	62610		Groundwater level above NGVD 1929, feet	
	62611		Groundwater level above NAVD 1988, feet	
	72019		Depth to water level, feet below land surface	
	NAVD88	3	North American Vertical Datum of 1988	
	NGVD29	9	National Geodetic Vertical Datum of 1929	
	3		True value is above reported value due to local conditions	
	*	D 62610 62611 72019 NAVD88 NGVD29	D 62610 62611 72019 NAVD88 NGVD29	D Date is accurate to the Day 62610 Groundwater level above NGVD 1929, feet 62611 Groundwater level above NAVD 1988, feet 72019 Depth to water level, feet below land surface NAVD88 North American Vertical Datum of 1988 NGVD29 National Geodetic Vertical Datum of 1929



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

Accessibility FOIA U.S. Department of the Interior | U.S. Geological Survey

URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer Page Last Modified: 2021-12-30 12:08:16 EST

Title: Groundwater for New Mexico: Water Levels

0.3 0.26 nadww01



Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> 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 Monitoring Location Page

# Search Results -- 1 sites found

Agency code = usgs

site\_no list =

• 324502103381802

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 324502103381802 18S.33E.14.11140

Lea County, New Mexico

Latitude 32°45'13", Longitude 103°38'25" NAD27

Land-surface elevation 3,976.20 feet above NGVD29

The depth of the well is 46 feet below land surface.

This well is completed in the Other aguifers (N9999OTHER) national aguifer.

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 <sup>‡</sup> code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical \$ datum	? Status	? Method of reasurement	? Measuring <sup>‡</sup> agency	? Source measur
1954-06-03		D	62610		3940.30	NGVD29	1	Z		
1954-06-03		D	62611		3941.93	NAVD88	1	Z		
1954-06-03		D	72019	35.90			1	Z		
1961-03-10		D	62610		3940.18	NGVD29	3	Z		
1961-03-10		D	62611		3941.81	NAVD88	3	Z		
1961-03-10		D	72019	36.02			3	Z		
1965-12-01		D	62610		3938.32	NGVD29	3	Z		
1965-12-01		D	62611		3939.95	NAVD88	3	Z		
1965-12-01		D	72019	37.88			3	Z		
1966-04-05		D	62610		3940.13	NGVD29	3	Z		
1966-04-05		D	62611		3941.76	NAVD88	3	Z		
1966-04-05		D	72019	36.07			3	Z		
1968-03-06		D	62610		3940.37	NGVD29	1	Z		
1968-03-06		D	62611		3942.00	NAVD88	1	Z		

Date \$	Time \$	? Water-level \$ date-time accuracy	? Parameter <sup>‡</sup> code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical \$ datum	? Status	? Method of reasurement	? Measuring  agency	? Source measu
1968-03-06		D	72019	35.83			1	Z		
1971-02-09		D	62610		3941.00	NGVD29	1	Z		
1971-02-09		D	62611		3942.63	NAVD88	1	Z		
1971-02-09		D	72019	35.20			1	Z		
1976-02-18		D	62610		3939.79	NGVD29	1	Z		
1976-02-18		D	62611		3941.42	NAVD88	1	Z		
1976-02-18		D	72019	36.41			1	Z		
1981-02-20		D	62610		3938.22	NGVD29	1	Z		
1981-02-20		D	62611		3939.85	NAVD88	1	Z		
1981-02-20		D	72019	37.98			1	Z		
1986-03-25		D	62610		3938.38	NGVD29	1	Z		
1986-03-25		D	62611		3940.01	NAVD88	1	Z		
1986-03-25		D	72019	37.82			1	Z		
1991-05-17		D	62610		3937.15	NGVD29	1	Z		
1991-05-17		D	62611		3938.78	NAVD88	1	Z		
1991-05-17		D	72019	39.05			1	Z		
1996-02-15		D	62610		3935.93	NGVD29	1	S		
1996-02-15		D	62611		3937.56	NAVD88	1	S		
1996-02-15		D	72019	40.27			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
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
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

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

Accessibility FOIA

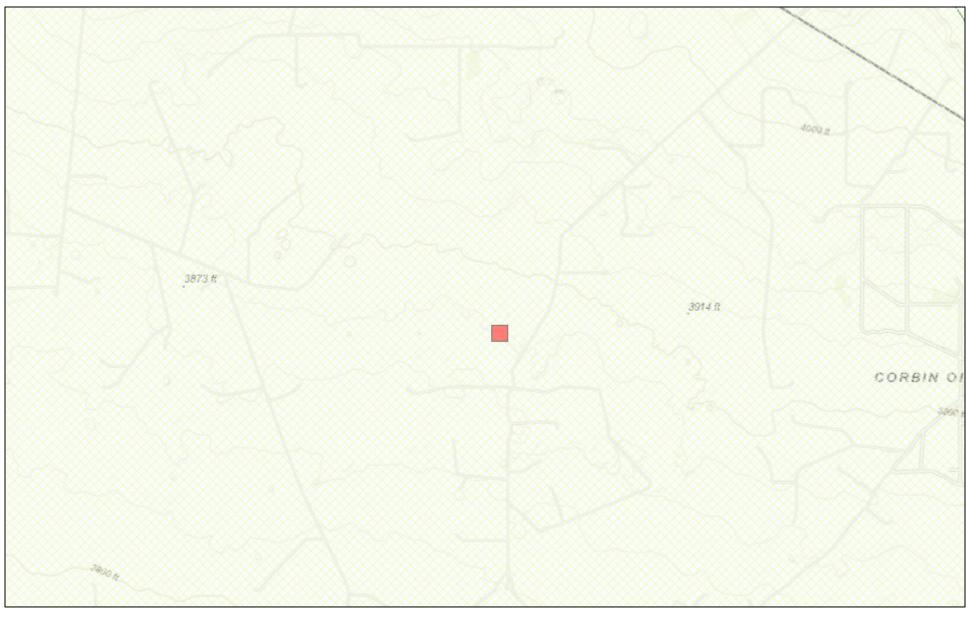
U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

0.29 0.26 nadww01

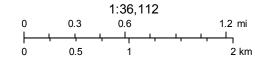
Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2021-12-30 12:11:28 EST



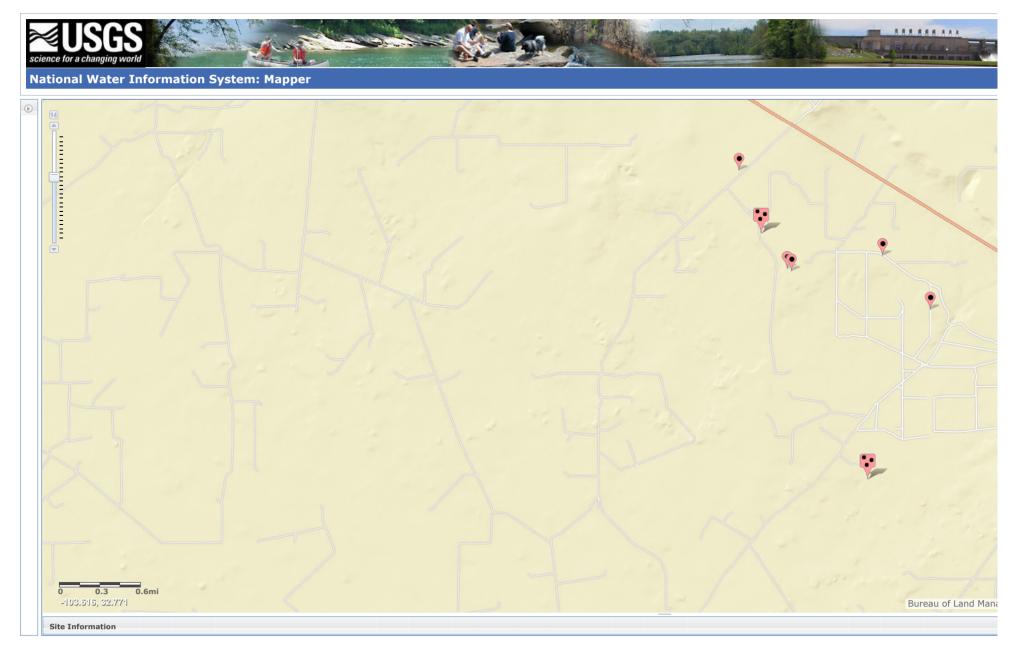
# New Mexico NFHL Data



December 30, 2021



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





# Appendix C



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 04, 2022

MIKE CARMONA

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: STATE 16 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/30/21 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Wite Sough

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021 Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact Project Number: **NOT GIVEN** Sample Received By: Celey D. Keene

Applyand By MC/

Project Location: EOG - LEA CO NM

#### Sample ID: S-1 (0-1') (H213756-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	0.159	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	698	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	155	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	85.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	133	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

with Sigh



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Celey D. Keene

Project Location: EOG - LEA CO NM

#### Sample ID: S-1 (1-1.5') (H213756-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	< 0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.69	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	11.7	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	86.3 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.4 9	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

with Sigh

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 2/10/2022 8:43:16 AM



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC/

Project Location: EOG - LEA CO NM

#### Sample ID: S-1 (2-2.5') (H213756-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	86.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.1	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries of successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Me Sough



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact Project Number: NOT GIVEN Sample Received By: Celey D. Keene

Project Location: EOG - LEA CO NM

#### Sample ID: S-1 (3-3.5') (H213756-04)

BTEX 8021B	mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	< 0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	86.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.7	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

with Sigh



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC/

Project Location: EOG - LEA CO NM

ma/ka

#### Sample ID: S-2 (0-1') (H213756-06)

RTFY 8021R

B1EX 8021B	mg	<sup>и</sup> кд	Anaiyze	ea By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	86.3	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	17.9	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	80.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.7	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mile Sough



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC/

Project Location: EOG - LEA CO NM

#### Sample ID: S-2 (1-1.5') (H213756-07)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	88.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.0	% 59.5-14	2						
Sur oguic. 1 Cino obcutuccune	27.0	70 37.3 14	-						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mile Sough



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC/

Project Location: EOG - LEA CO NM

#### Sample ID: S-2 (2-2.5') (H213756-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.3	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mile Sough



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Celey D. Keene

Project Location: EOG - LEA CO NM

#### Sample ID: S-3 (0-1') (H213756-11)

BTEX 8021B	mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/03/2022	ND	2.11	106	2.00	4.52	
Toluene*	0.409	0.050	01/03/2022	ND	2.02	101	2.00	5.23	
Ethylbenzene*	0.473	0.050	01/03/2022	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	1.45	0.150	01/03/2022	ND	6.00	100	6.00	4.97	
Total BTEX	2.34	0.300	01/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	86.2	50.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	8100	50.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	1690	50.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	147 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	573 9	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

with Sigh



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC/

Project Location: EOG - LEA CO NM

#### Sample ID: S-3 (1-1.5') (H213756-12)

RTFY 8021R

BIEX 8021B	mg/	/ kg	Anaiyze	ea By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	34.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	29.4	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	85.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.4	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mile Sough

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 2/10/2022 8:43:16 AM



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC/

Project Location: EOG - LEA CO NM

#### Sample ID: S-3 (2-2.5') (H213756-13)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	90.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.4	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries of successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Me Sough



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Celey D. Keene

Project Location: EOG - LEA CO NM

#### Sample ID: H-1 (0-0.5') (H213756-16)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.3	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

with Sigh



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Celey D. Keene

Project Location: EOG - LEA CO NM

#### Sample ID: H-2 (0-0.5') (H213756-17)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	95.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.4	% 59.5-14	22						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mile Sough



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC/

Project Location: EOG - LEA CO NM

#### Sample ID: H-3 (0-0.5') (H213756-18)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.2	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mile Sough



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact Project Number: NOT GIVEN Sample Received By: Celey D. Keene

Project Location: EOG - LEA CO NM

#### Sample ID: H-4 (0-0.5') (H213756-19)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	87.0 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.8	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

with Sigh



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Celey D. Keene

Project Location: EOG - LEA CO NM

#### Sample ID: H-5 (0-0.5') (H213756-20)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.1	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

with Sigh



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 12/30/2021 Sampling Date: 12/30/2021

Reported: 01/04/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC/

Project Location: EOG - LEA CO NM

#### Sample ID: H-6 (0-0.5') (H213756-21)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: м5/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2021	ND	2.11	106	2.00	4.52	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	5.23	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.97	98.3	2.00	5.06	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	6.00	100	6.00	4.97	
Total BTEX	<0.300	0.300	12/31/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	203	102	200	2.41	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	199	99.6	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					
Surrogate: 1-Chlorooctane	84.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.1	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Me Sough



#### **Notes and Definitions**

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mile Sough

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 2/10/2022 8:43:16 AM

# Chain of Custody





Project Manager	Mike Carmona								ako .	VI
	NTG Environmental	PETERNIT IS IN THE STREET, AND ASSOCIATION	PRINTED TO THE PRINTE	DHI (O. I.E ORIBERTA)		FOOD Wells		Work Ore	Work Order Comments	
	701 Tradewinds BLVD	0	рад эних соста Аббайа Айдагайна авабарагана авабарагана дара	Address red like		ECON MESOURCES	9	Program: UST/PST   PRP   Brownfields   RRC	rownfields RRC	uperfund
City, State ZIP	Midland, TX 79706			City State ZIP		Midland Tx 79706	706	Toyol III	DSTAIST TRAP	
Phone:	432-813-0263		Email:	Interespendent of	eogresourc	es.com/432-		Deliverables EDD A		
Project Name	State 16 Battery	attery	Į.	Turn Around			ANALYSIS REQUEST	IEGT	•	
Project Number			Routing	D Buch	Pres				SBDOT BATTPAIRERLA	DAS CO
Project Location	Lea Co	N N	Die Date	EJ RUSA	Code				None NO	DI Water: H <sub>2</sub> O
Sampler's Name	. NH/ES	S	TAT clade it	E O LE LINUS	_	0)			Cool Cool	MeOH: Me
# Od			lab if re	lab. If received by 4 30pm		MR			HOL HO	HNO, HN
SAMPLE RECEIPT	Temp Blank	Yes	W W	V. H	ters	RO +			H250* H2	NaOH Na
Received Intact			momete	ON Sai	ame	+ DI	400		**********	
Cooler Custody Seals	6	IA	Correction Factor	0000	Par	GRO			Namou, NABIS	01
Sample Custody Seals	Yes No		Temperature Reading	2.6.0		м ( с			Na construint	J
Total Containers			Corrected Temperature:	700	1				Zn Acetate+NaOH Zn	UZ HC
Sample Identification	fication Date		ne Soil	Water		TPH 8			NaOH+Ascorbic Acid SAPC	Acid SA
S-1 (0-1')	12/30/2021	/2021	×	6	-	×				
S-1 (1-1.5)	5) 12/30/2021	/2021	×	0	-	×				
S-1 (2-2.5)	5') 12/30/2021	/2021	×	G	-	×				
S-1 (3-3.5)	5) 12/30/2021	/2021	×	9	-	×				
S-1 (4-4.5')	5') 12/30/2021	2021	×	6	-	1	TO	)		
\$-2 (0-1')	12/30/2021	2021	×	9		×			>	
S-2 (1-1.5)	5) 12/30/2021	2021	×	6		×		+		
S-2 (2-2.5)	5) 12/30/2021	2021	×	6	-	×				
\$-2 (3-3.5)	12/30/2021	2021	×	6	-	(	) + 0 5			
\$-2 (4-4.5")	12/30/2021	2021	×	6	-	-	# # # # # # # # # # # # # # # # # # #	× >		
Additoin	Additoinal Comments:									
Notice: Signature of this doo of service: Xenco will be lial of Xenso. A minimum charg	cument and relinquishment of ble only for the cost of samp se of \$85.00 will be applied to	of samples consiles and shall no	titutes a valid purcha it assume any respon nd a charge of \$6 for c	se order from client co sibility for any losses : each sample submitted	ompany to Xens or expenses in d to Xenco, but	co, its affiliates a curred by the clie not analyzed. Th	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 \$5.00 will be applied to each project and a ciparge of \$5.500 each sample submitted to Xenco, but not enabyzed. These terms will be applied to each project and a ciparge of \$5.500 each sample submitted to Xenco, but not enabyzed. These terms will be enforced unless previously consistent.	ms and conditions beyond the control		
Relinquished by: (Signature)	Signature)	/ Recei	Received by: (Signature)	Te)	, Da	Date/Time	Relinquished by: (Signature)	Received by: (Signature)		Date/Time
MICKA		Men!	Ween	V	12/30/21	1 13:00	2	1		
		0					4			
							6			

Work
Order
No:
H2/3756-

Company Name: Project Manager

Mike Carmona

Company Name: Bill to: (it different)

Todd Wells

Work Order Comments

9

( 5	=)
ENVIRONMENTAL	
	Chain of Cus
	tody
Work Order No:	
H2/30%	

Company Name   EOG Resources	TO Eminante					+	-	-						**	S X	ğ	rder Comn	roof Comments
City, State ZIP	o Environmental			Company Nan	me	EOG	Resource	ces				Progr	am: UST	PST		PRP B	PRP Brownfield	PRP Brownfields Door
Project Number   State 16 Battery   Turn Around   Project Location   Les Co. NM   Dub Date   Project Location   Project Number   State 16 Battery   Turn Around   Project Number   Project Location   Les Co. NM   Dub Date   Project Location   Project Number   Project Location   Les Co. NM   Dub Date   Project Location   Project Number	TI TI TO TOTAL			Address:		5509	Champi	ons Dr				State	of Projec	17	1			
Import	QUIENT XI DIENT			City, State ZIP		Midla	ind. Tx 7	9706				Report	ing Leve			TLevel III Tb	Lavel III Detrict	Level III   Petrilet Pro-
Project Name:   State 16 Battery   Turn Around   Project Name:   State 16 Battery   Display   State	2-813-0263		Email:	Todd Wells	@eogreso	urces.co	om/432	-312-77	36			Delive	ables: E	8		) i	ADapt []	ADapt []
Project Condition  Leg Co, NM  Leg Co, NM  Leg Co, NM  Due Date:  Why I ES  That stats the day recoiled by the Samples Code of Code Classory Seals:  Ves (No)  NAMPLE RECEIPT  Tamp Blank:  Ves (No)  Thermometer ID  Thermome	State 16 Batte	Ž	Turn	Around	-	-												
Project Location    Lea Co, NM   Due Date:   Pazz Hours			Routine	√ Ruch	Pres			+		NALT	NEW CIE	UESI	-					Preservative Codes
Sampler's Name NH / ES  NAMPLE RECEIPT   Tamp Blank   Ves (No.   Ves (No.   Ves (No.   Ves (No.   Ves   Ves   Ves   Ves   Ves (No.   Ves	Lea Co NM			0	Code	_	I	+		-	+		-	_			None	None: NO
SAMPLE RECEIPT    Temp Blank   Ves (No   Wet loss: Ves No   Received Infact   Received Infact   Ves No   Received Infact   Received Infact   Received Infact   Ves No   Received Infact   Receiv	NH / ES		Due Date:	OFZ Hours	_		))						-	***************************************		,	Coot	Cool: Cool
SAMPLE RECEIPT   Tamp_Blank   Yes No.   Thermometer ID   1/3   The			lab, if receiv	lay received by II	Te		MRC				-		-	-	***************************************	Monthones	H.	HCL: HC
Received Intact  Case No. N/A  Confection Factor:  Cooler Custody Seals:  Ves. (No. N/A  Correction Factor:  Conductory Seals:  Ves. (No. N/A  Correction Factor:  No. No. N/A  Conductory Seals:  No. N/A  Correction Factor:  No. No. N/A  Conductory Seals:  No. N/A  Conductory Seals:  No. N/A  Conductory Seals:  No. N/A  Conductory Seals:  No. N/A  No	Tomo Block	1	T	modern for	ers		0+1						***********	***************************************			H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>
Cooler Custody Seals: Ves. (No. NIA. Correction Factor: A.2 °C. Sample Custody Seals: Ves. (No. NIA. Temperature Reading: (A.2 °C. Sample Custody Seals: Ves. (No. NIA. Temperature: S.7 °C. Sample Identification Date Time Soil Vester Comp. Cont. S.7 °C. Sample Identification Date Time Soil Vester Comp. Cont. S.7 °C. Sample Identification S.3 (1.15) 12/30/2021 X X G G I X X X X X X X X X X X X X X X	Ni pic Mins	res (No	Г		net	18	-	00						*************				בי מים
Cooler Custody Seals:   Yes No NIA   Correction Factor:   O. 7 ° C   A   X   K   G   dd	10	Thermon	eter ID:	12	ram	1021	-	45			-		-		-	<u> </u>		
Sample Custody Seals: Yes (No.) NIA. Temperature: S.7°C.  Total Containers: Corrected Temperature: S.7°C.  Sample Identification Date Time Soil Water Comp Cont S.3 (0.1)  S.3 (0.1) 12/30/2021 X G G 1 X X X X X X X X X X X X X X X	No	Correctio	Factor:	11	Par	EX 8		ride		*****						OLI		
Sample identification   Date   Time   Soil   Water   Comp   Cont	(S)	Temperar	Ure Reading:	J	](	ВТЕ	***************************************	hlo								н	-	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; NaSO <sub>3</sub>
Sample Identification  Date  Time  Soil  Water  Comp Cont  S-3 (0-1)  12/30/2021  X  G  1 X  X  X  S-3 (1-1.5)  12/30/2021  X  G  1 X  X  X  S-3 (2-2.5)  12/30/2021  X  G  1 X  X  X  G  1 X  X  X  X  X  X  X  X  X  X  X  X  X	1	Corrected	Temperature:	11	70		***************************************						7				Zn Ao	Zn Acetate+NaOH; Zn
Sample identification  S-3 (0-1)  12/30/2021  X  S-3 (1-1.5)  12/30/2021  X  S-3 (2-2.5)  S-3 (2-2.5)  12/30/2021  X  S-3 (2-2.5)  12/30/2021  X  S-3 (2-2.5)  S-3 (2-2.5)  12/30/2021  X  S-3 (2-2.5)  S-3 (2-2.5)  12/30/2021  X  S-3 (2-2.5)  12/30/2021  X  S-3 (2-2.5)  S-3 (2-2.5)  12/30/2021  X  S-3 (2-2.5)  S-3 (2-2.5)  12/30/2021  X  S-3 (2-2.5)				1.0	111	_	H 80						***************************************	***************************************			NaOH	NaOH+Ascorbic
S-3 (0-1)   12/30/2021   X		Time					TPI											Sample C
S-3 (2-2.5) 12/30/2021 X G 1 X X X X S G 1 X X X X G 1 X X X X G 1 X X X X G 1 X X X X	12/30/202	13	×	6	-	×	+	×	1	+	1	1	+	+	+	+	+	
S-3 (2-2.5)  12/30/2021  X  G  1 X  X  X  G  1 X  X  X  A  A  A  A  A  A  A  A  A  A  A	12/30/202	21	×	6	_	×	+	+	1	+	1	1	+	+	+	+		
S-3 (3-3.5)  12/30/2021  X  G  1  HOLD  HOLD  Solution of this document and retinquishment of samples constitutes a valid purchase order from client company to Xenco, its artillates and subcontractors. It assigns standard farms and conditions san/de. Signature of this document and retinquishment of samples and shall not assume any septembility for any losses or expensibility for any losses or expenses incurred by this client such losses are due to circumstances beyond the control than control than submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.  Received by: (Signature)  Date/Time  Received by: (Signature)	12/30/202	3	×	6	-	×	+	1		+	1	+	+	+	+	-		
Additional Comments:	12/30/202	-1	×	G	_	1	H	+		5		+	1	#	+	-		
Additional Comments:	12/30/202	_	×	6	-	1	-	$\dagger$			712	1	+	1	4	×	×	×
Additional Comments:				+	1	1	+	+		1	1	1	1	+	+		×	
Additional Comments:							+	+	1	+		+	+	+	+	+	+	
Additional Comments:  Associated and submentation of samples and samples and samples and samples and samples and samples and submentation of samples and sampl										+	1	1	+	_	+	+		
Additional Comments:							+	+		+		+	+					
service. 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 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 forms will be enforced unless previously negotiated.  Relinquished by: (Signature)  Received by: (Signature)  Date/Time  Relinquished by: (Signature)  Received by: (Signature)  Received by: (Signature)  Received by: (Signature)	Comments:												ŀ	11 1				
service. Xenco will be liable only for the cost of samples constitutes a velid purchase order from cilent company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions 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)  Received by: (Signature)																		
Relinquished by: (Signature)  Received by: (Signature)	only for the cost of samples at \$85.00 will be applied to each	pies constitutes id shall not assu project and a ci	me any responsibilities of \$5 for each	der from client co ty for any losses sample submitted	ompany to X	enco, its af	ffiliates an by the ciler	nd subcon	ractors. It	assigns si ue to circ	andard te	ms and c	onditions he control	11 1				
MCW Man (Signature) Date/Time Relinquished by: (Signature) Receive	nature				d to setted, p	out that all a	ilyzed, ine	ese terms	Will be enfo	rced unle	s previous	ly negoti	ated.	1				
12/70/21/3:03	nature)	Received	by: (Signature)		, D	ate/Tim	6	Re	nquishe	d by: (S	ignature	-	Rece	ved	y:	oy: (Signatur	by: (Signature)	
	1	ex MO	M		12/30	121	13:0	W			ľ	+			13			+
		8						4				+		1				
		NTG Environmental 701 Tradewinds BLVD Midland, TX 79706 432-813-0263 State 16 Batte Lea Co, NM NH / ES  Ves No N/A  Yes No N/A  Yes No N/A  12/30/202	TG Environmental  11 Tradewinds BLVD  dland, TX 79706  2-813-0263  State 16 Battery  Lea Co, NM NH / ES  No N/A Correction Yes No N/A Corrected  ation Date Time  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  12/30/2021  Received  Received	TG Environmental  11 Tradewinds BLVD  Idland, TX 79706  2-813-0263  Email:  State 16 Battery  Lea Co, NM  NH / ES  NH / ES  NH / ES  NO N/A  Pes NO N/A  Corrected Temperature Reading: Corrected Temperature:  12/30/2021  12/30/2021  X  12/30/2021	Company Nat   Company Nat   Company Nat   Company Nat   Address:   Address:   Company Nat   Address:   Company Nat   Address:   City, State 2     2-813-0263   Email:   Todd Wells;   Turn Around   Routine   Routine	Tradewinds BLVD   Address:   Company Name:   Address:   Address:   City, State ZIP:   2-813-0263   Email:   Todd Wells@eogress   State 16 Battery   Turn Around   Press   Routine   Rout	Tradewinds BLVD	Tradewinds BLVD	Tradewinds BLVD	Tradewinds BLVD	Tradewinds BLVD	Tradewinds BLVD	Tradewinds BLVD	Tradewinds Bt/D	Tradewinds Bit/D   Address:   State Or Project:   State of Proje	Transferrings   BlvD	Work Order Com  UST/PST   PRP   Brownfield  roject:  Level III   Level III   PST/UST  SEEDD   ADaPT   Rone  Coot  H-2S0  Nank Zn Av  NaOt  NaOt  Received by: (Signature)	Work Order Com  UST/PST   PRP   Brownfield  roject:  Level III   Level III   PST/UST  SS. EDD   ADaPT   None   Coot   H <sub>2</sub> S0   H <sub>3</sub> PC   Na <sub>3</sub> S   Zn A <sub>4</sub>   Na <sub>5</sub> O   N

# **Chain of Custody**



City, State ZIP:

Mike Carmona
NTG Environmental
701 Tradewinds BLVD
Midland, TX 79706

City, State ZIP:

Todd Wells
EOG Resources
5509 Champions Dr
Midland, Tx 79706

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

**Work Order Comments** 

Company Name:

Bill to: (if different)

Company Name:

	Phone: 432-3	432-312-7736		Email:	Email: Todd Wells@eogresources.com	eogreso	Secul	MO.				Deliverables: EDD	5		70-07	Г	
	Project Name:	Ctate 46 Date										clivel apies.			AUAP I		Other:
	Project Number	Ciaio io Dallely		] Iuii	Turn Around	Pres.		1		ANALYSIS	LYSIS REQUEST	EST				Prese	Preservative Codes
	Project Location	Lea Co NIM			E NOSII	Code		T		-			-			None: NO	DI Water: H <sub>2</sub> O
	Sampler's Name:	NH / ES		TAT state the	40 HOURS	1		D)				_			_	Cool: Cool	МеОН: Ме
	PO #			lab, if recei	lab, if received by 4:30pm			MR					_		_	HCL: HC	HNO <sub>3</sub> : HN
	SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Vac No	eters	3	RO +	0						_	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na
	Received Intact:	Yes No	Thermome	stor ID.	112	ame	)21E	+ DI	450						-	H₃PO₄: HP	
	Cooler Custody Seals:	N C	Continuity of the second	, ici ic.		ara	( 80	20	de	_	_	_	_			NaHSO <sub>4</sub> : NABIS	BIS
	Comple Custody Seals:		Correction Factor:	Factor:	20.5°C	P	TEX	GR	lori	_					HOL	de S.O. Ne	5 6
	Sample Custody Seals:	Yes No N/A	Temperati	Temperature Reading:	6,2 C		вт	М (	Chi							Na <sub>2</sub> o <sub>2</sub> O <sub>3</sub> . Na <sub>5</sub> O <sub>3</sub>	1503
	Total Containers:		Corrected	Corrected Temperature:	57 C	È		8015								Zn Acetate+NaOH: Zn	NaOH: Zn
	Sam	on Date	Time	Soil	Water Comp	/ # of		ТРН								Samp	Sample Comments
6	H-1 (0-0.5')	12/30/2021		×	G	-	×	×	×		Ŧ	+	+				
-		12/30/2021		×	G	_	×	×	×		+	+	+	I	$\downarrow$		
2		12/30/2021		×	G	1	×	×	×		1	+	+	I	1		
-5		12/30/2021		×	G	_	×	×	×		+	+	+	I	+		
10		12/30/2021		×	G	_	×	×	×		+	+	+	I	+		
7	H-6 (0-0.5')	12/30/2021		×	6	_	×	×	×		+	+	+	$\perp$	$\perp$		
					-								+		$\downarrow$	•	
						T	T								4		
						T					+				$\perp$		
	Additoinal Comments:	mments:								**					-		
	Relinquisned by: (Signature)	ature)	Received	Received by: (Signature)	9)		Date/Time	ime		Relinquished by: (Si	by: (Signature)	Rec	Received by: (Signature)	y: (Sign	nature)		Date/Time
	3 Nicht Hu	(CXe	ME	The state of the s		رو	30	9	132	8							
-	5								0 .							+	
					11.70-			1 (1 (1 ) (1 ) (1 ) (1 ) (1 ) (1 ) (1 )		Marie Core	-		0.00	-		Revise	Revised Date 05012020 Rev. 2020.1

	Work Order No:
7	H21
	3756
_	0

# **Environment Testing America**

# **ANALYTICAL REPORT**

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

Laboratory Job ID: 880-10224-1

Laboratory Sample Delivery Group: Lea County NM

Client Project/Site: State 16 Battery

For:

NT Global 701 Tradewinds Blvd Midland, Texas 79706

Attn: Mike Carmona

WRAMER

Authorized for release by: 1/17/2022 2:25:05 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

.....LINKS .....

Review your project results through

**Have a Question?** 



Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 2/10/2022 8:43:16 AM

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.

1

\_

3

\_

10

. .

13

14

Client: NT Global

Project/Site: State 16 Battery

Laboratory Job ID: 880-10224-1 SDG: Lea County NM

# **Table of Contents**

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	16
QC Sample Results	18
QC Association Summary	22
Lab Chronicle	26
Certification Summary	31
Method Summary	32
Sample Summary	33
Chain of Custody	34
Receipt Checklists	36

2

3

6

8

9

11

12

14

#### **Definitions/Glossary**

Client: NT Global Job ID: 880-10224-1 Project/Site: State 16 Battery SDG: Lea County NM

**Qualifiers** 

**GC VOA** 

Qualifier **Qualifier Description** 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, low biased. U Indicates the analyte was analyzed for but not detected.

**HPLC/IC** 

Qualifier **Qualifier Description** 

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

DFR 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

Decision Level Concentration (Radiochemistry) DLC

**EDL** Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

Method Detection Limit MDL 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

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) TEQ

**TNTC** Too Numerous To Count

#### Case Narrative

Client: NT Global

Project/Site: State 16 Battery

Job ID: 880-10224-1

SDG: Lea County NM

Job ID: 880-10224-1

**Laboratory: Eurofins Midland** 

Narrative

Job Narrative 880-10224-1

#### Receipt

The samples were received on 1/14/2022 8:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.9°C

#### **GC VOA**

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-5 (1.5') (880-10224-5) and (MB 880-16781/5-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

#### GC Semi VOA

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: CS-1 (1.5') (880-10224-1), CS-2 (1.5') (880-10224-2), CS-3 (1.5') (880-10224-3), CS-4 (1.5') (880-10224-4), CS-5 (1.5') (880-10224-5), CS-6 (1.5') (880-10224-6), CS-7 (1.5') (880-10224-7), CS-8 (1.5') (880-10224-8), SW-1 (880-10224-9), SW-2 (880-10224-10), SW-3 (880-10224-11), SW-4 (880-10224-12), SW-5 (880-10224-13) and SW-6 (880-10224-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: (880-10225-A-1-B), (880-10225-A-1-C) MS) and (880-10225-A-1-D MSD). Evidence of matrix interferences is not obvious.

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

#### HPLC/IC

Method 300 ORGFM 28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-16851 and analytical batch 880-16879 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

# **Client Sample Results**

Client: NT Global Job ID: 880-10224-1
Project/Site: State 16 Battery SDG: Lea County NM

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-10224-1

Matrix: Solid

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 14:46	
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 14:46	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 14:46	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/14/22 12:00	01/15/22 14:46	
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 14:46	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/14/22 12:00	01/15/22 14:46	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	106		70 - 130				01/14/22 12:00	01/15/22 14:46	
1,4-Difluorobenzene (Surr)	95		70 - 130				01/14/22 12:00	01/15/22 14:46	
Method: Total BTEX - Total BTEX	( Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/17/22 15:00	
Method: 8015 NM - Diesel Range Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
									DIIFat
Total TPH	143		50.0		mg/Kg		<u> </u>	01/17/22 14:15	Dil Fat
		RO) (GC)	50.0		mg/Kg		· ·		
Method: 8015B NM - Diesel Rang	ge Organics (D			MDL		— — D		01/17/22 14:15	
Method: 8015B NM - Diesel Rang Analyte	ge Organics (D	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	01/17/22 14:15  Analyzed	
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	ge Organics (D	Qualifier		MDL		<u>D</u>		01/17/22 14:15	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	ge Organics (D	Qualifier	RL	MDL	Unit	D	Prepared	01/17/22 14:15  Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D Result <50.0	Qualifier U	RL 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/14/22 09:31 01/14/22 09:31	01/17/22 14:15  Analyzed  01/14/22 15:24  01/14/22 15:24	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D Result <50.0	Qualifier U	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed  01/14/22 15:24	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	ge Organics (D Result <50.0 143 <50.0 %Recovery	Qualifier  U  U  Qualifier	FL 50.0 50.0 50.0 Limits	MDL	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31 Prepared	Analyzed 01/14/22 15:24 01/14/22 15:24 01/14/22 15:24 Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	ge Organics (D Result <50.0	Qualifier U	RL 50.0 50.0 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 15:24 01/14/22 15:24	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	ge Organics (D Result <50.0 143 <50.0 %Recovery	Qualifier  U  U  Qualifier	FL 50.0 50.0 50.0 Limits	MDL	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31 Prepared	Analyzed 01/14/22 15:24 01/14/22 15:24 01/14/22 15:24 Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	ge Organics (D  Result  <50.0  143  <50.0  %Recovery  69  75	Qualifier  U  Qualifier  S1-	RL 50.0 50.0 50.0 50.0 Limits 70 - 130	MDL	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31  Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 15:24  01/14/22 15:24  01/14/22 15:24  Analyzed  01/14/22 15:24	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	ge Organics (D  Result  <50.0  143  <50.0  %Recovery  69  75  comatography -	Qualifier  U  Qualifier  S1-	RL 50.0 50.0 50.0 50.0 Limits 70 - 130	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31  Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 15:24  01/14/22 15:24  01/14/22 15:24  Analyzed  01/14/22 15:24	Dil Fac

Client Sample ID: CS-2 (1.5')

Date Collected: 01/13/22 00:00

Lab Sample ID: 880-10224-2

Matrix: Solid

Date Received: 01/14/22 08:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 15:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 15:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 15:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/14/22 12:00	01/15/22 15:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 15:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/14/22 12:00	01/15/22 15:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/14/22 12:00	01/15/22 15:13	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/14/22 12:00	01/15/22 15:13	1

## **Client Sample Results**

Client: NT Global Job ID: 880-10224-1 Project/Site: State 16 Battery SDG: Lea County NM

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-10224-2

Date Collected: 01/13/22 00:00 Matrix: Solid Date Received: 01/14/22 08:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/22 15:00	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	255		49.9		mg/Kg			01/17/22 14:15	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		01/14/22 09:31	01/14/22 15:45	1
(GRO)-C6-C10									
Diesel Range Organics (Over	255		49.9		mg/Kg		01/14/22 09:31	01/14/22 15:45	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/14/22 09:31	01/14/22 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				01/14/22 09:31	01/14/22 15:45	1
o-Terphenyl	69	S1-	70 - 130				01/14/22 09:31	01/14/22 15:45	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	193		4.95		mg/Kg			01/15/22 13:56	1

Client Sample ID: CS-3 (1.5') Lab Sample ID: 880-10224-3 Date Collected: 01/13/22 00:00 **Matrix: Solid** 

Date Received: 01/14/22 08:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 15:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 15:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 15:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/14/22 12:00	01/15/22 15:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 15:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/14/22 12:00	01/15/22 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/14/22 12:00	01/15/22 15:39	1
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BTE			70 - 130				01/14/22 12:00	01/15/22 15:39	
Method: Total BTEX - Total BTE Analyte	EX Calculation	Qualifier	70 - 130  RL 0.00400	MDL	Unit mg/Kg	<u>D</u>	01/14/22 12:00 Prepared	01/15/22 15:39  Analyzed  01/17/22 15:00	
Method: Total BTEX - Total BTE Analyte Total BTEX	EX Calculation Result <0.00400	U	RL	MDL		<u>D</u>		Analyzed	
·	EX Calculation Result <0.00400  ge Organics (DR	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX  Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00400  ge Organics (DR	U O) (GC) Qualifier	RL		mg/Kg	<u> </u>	Prepared	Analyzed 01/17/22 15:00	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX  Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00400  ge Organics (DRO Result <49.9	U O) (GC) Qualifier U			mg/Kg	<u> </u>	Prepared	Analyzed 01/17/22 15:00 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX  Method: 8015 NM - Diesel Rang Analyte Total TPH  Method: 8015B NM - Diesel Rang	EX Calculation Result <0.00400 ge Organics (DR) Result <49.9 nge Organics (D	U O) (GC) Qualifier U		MDL	mg/Kg	<u> </u>	Prepared	Analyzed 01/17/22 15:00 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX  Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00400 ge Organics (DR) Result <49.9 nge Organics (D	O) (GC) Qualifier U  RO) (GC) Qualifier	RL 0.00400 RL 49.9	MDL	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 01/17/22 15:00  Analyzed 01/17/22 14:15	Dil Fac

Client: NT Global

Project/Site: State 16 Battery

Job ID: 880-10224-1 SDG: Lea County NM

Client Sample ID: CS-3 (1.5')

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35 Lab Sample ID: 880-10224-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/14/22 09:31	01/14/22 16:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130			01/14/22 09:31	01/14/22 16:06	1
o-Terphenyl	60	S1-	70 - 130			01/14/22 09:31	01/14/22 16:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 23.4 4.97 01/15/22 14:04 mg/Kg

Client Sample ID: CS-4 (1.5')

Date Collected: 01/13/22 00:00

Lab Sample ID: 880-10224-4

**Matrix: Solid** 

Date Received: 01/14/22 08:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 16:06	-
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 16:06	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 16:06	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/14/22 12:00	01/15/22 16:06	
o-Xylene	0.00223		0.00200		mg/Kg		01/14/22 12:00	01/15/22 16:06	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/14/22 12:00	01/15/22 16:06	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				01/14/22 12:00	01/15/22 16:06	
1,4-Difluorobenzene (Surr)	81		70 - 130				01/14/22 12:00	01/15/22 16:06	
- Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/17/22 15:08	
							Danamana	A ll	DU E-
			RI	MDI	Unit	ח	Prenared	Analyzed	Dil Fa
Analyte Total TPH	486	Qualifier	<b>RL</b> 50.0	MDL	mg/Kg	<u>D</u>	Prepared	Analyzed 01/17/22 14:15	Dil Fa
Total TPH	486			MDL		<u> </u>	Prepared		Dil Fa
	486 ge Organics (D					<u>D</u> 	Prepared Prepared	01/17/22 14:15	
Total TPH  Method: 8015B NM - Diesel Rang Analyte	486 ge Organics (D	RO) (GC) Qualifier	50.0		mg/Kg				Dil Fa
Total TPH  Method: 8015B NM - Diesel Rang	486 ge Organics (DI Result	RO) (GC) Qualifier	50.0		mg/Kg		Prepared	01/17/22 14:15  Analyzed	Dil Fa
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	486 ge Organics (DI Result	RO) (GC) Qualifier	50.0		mg/Kg		Prepared	01/17/22 14:15  Analyzed	Dil Fa
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	486 ge Organics (Di Result <50.0 486	RO) (GC) Qualifier	50.0  RL  50.0  50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31	01/17/22 14:15  Analyzed  01/14/22 16:27  01/14/22 16:27	Dil Fa
Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (D Result <50.0	RO) (GC) Qualifier	50.0 RL 50.0		mg/Kg  Unit mg/Kg		Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed  01/14/22 16:27	Dil Fa
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	486   ge Organics (D      Result     <50.0     486     <50.0     %Recovery	RO) (GC) Qualifier U	50.0  RL  50.0  50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 16:27 01/14/22 16:27 01/14/22 16:27 Analyzed	Dil Fa
Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	486 ge Organics (D) Result <50.0 486 <50.0	RO) (GC) Qualifier U	50.0  RL  50.0  50.0  50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 16:27 01/14/22 16:27	Dil Fa
Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	486   ge Organics (D	RO) (GC) Qualifier U	50.0  RL 50.0  50.0  50.0  Limits		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31 Prepared	01/17/22 14:15  Analyzed 01/14/22 16:27 01/14/22 16:27 01/14/22 16:27 Analyzed	Dil Fa
Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	486  ge Organics (D)  Result  <50.0  486  <50.0  %Recovery  13  14	Qualifier  U  Qualifier S1- S1-	50.0  RL 50.0  50.0  50.0  Limits 70 - 130		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31  Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 16:27  01/14/22 16:27  Analyzed 01/14/22 16:27	Dil Fa
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	486   ge Organics (D	Qualifier  U  Qualifier S1- S1-	50.0  RL 50.0  50.0  50.0  Limits 70 - 130	MDL	mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31  Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 16:27  01/14/22 16:27  Analyzed 01/14/22 16:27	Dil Fa

Job ID: 880-10224-1

Client: NT Global Project/Site: State 16 Battery SDG: Lea County NM

Client Sample ID: CS-5 (1.5')

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35 Lab Sample ID: 880-10224-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/14/22 12:00	01/15/22 16:32	
Toluene	<0.00202	U	0.00202		mg/Kg		01/14/22 12:00	01/15/22 16:32	1
Ethylbenzene	0.00984		0.00202		mg/Kg		01/14/22 12:00	01/15/22 16:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/14/22 12:00	01/15/22 16:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/14/22 12:00	01/15/22 16:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/14/22 12:00	01/15/22 16:32	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130				01/14/22 12:00	01/15/22 16:32	1
1,4-Difluorobenzene (Surr)	125		70 - 130				01/14/22 12:00	01/15/22 16:32	1
· Method: Total BTEX - Total BTE)	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00984		0.00404		mg/Kg			01/17/22 15:00	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0			MDL	mg/Kg	<u>D</u>	Prepared	Analyzed 01/17/22 14:15	
	<50.0	U		MDL		<u>D</u>	Prepared		
Total TPH Method: 8015B NM - Diesel Ranç	<50.0	U		MDL	mg/Kg	<u>D</u> 	Prepared Prepared		1
Total TPH  Method: 8015B NM - Diesel Rang Analyte	<50.0	RO) (GC) Qualifier	50.0		mg/Kg			01/17/22 14:15	1
Total TPH	<50.0  ge Organics (D  Result	RO) (GC) Qualifier	50.0		mg/Kg		Prepared	01/17/22 14:15  Analyzed	1
Total TPH  Method: 8015B NM - Diesel Rang Analyte  Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0  ge Organics (D  Result	RO) (GC) Qualifier	50.0		mg/Kg		Prepared	01/17/22 14:15  Analyzed	Dil Fac
Total TPH  Method: 8015B NM - Diesel Rang Analyte  Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0  ge Organics (D  Result  <50.0  <50.0	RO) (GC) Qualifier U	50.0 RL 50.0 50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31	01/17/22 14:15  Analyzed  01/14/22 16:48  01/14/22 16:48	Dil Fac
Total TPH  Method: 8015B NM - Diesel Rang Analyte  Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0  ge Organics (D)  Result  <50.0	RO) (GC) Qualifier U	50.0 RL 50.0		mg/Kg  Unit mg/Kg		Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed  01/14/22 16:48	Dil Fac
Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	<50.0  ge Organics (D  Result  <50.0  <50.0	U RO) (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31 Prepared	Analyzed 01/14/22 16:48 01/14/22 16:48 01/14/22 16:48 Analyzed	Dil Fac
Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0  ge Organics (D  Result  <50.0  <50.0  <50.0	U RO) (GC) Qualifier U U	50.0  RL  50.0  50.0  50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 16:48 01/14/22 16:48	Dil Fac

Client Sample ID: CS-6 (1.5') Lab Sample ID: 880-10224-6 Date Collected: 01/13/22 00:00 **Matrix: Solid** 

RL

4.99

MDL Unit

mg/Kg

D

Prepared

Analyzed

01/15/22 14:21

Result Qualifier

16.7

Date Received: 01/14/22 08:35

Analyte

Chloride

– Method: 8021B - Volatile Orga	nic Compounds (	(GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/14/22 12:00	01/15/22 16:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/14/22 12:00	01/15/22 16:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/14/22 12:00	01/15/22 16:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/14/22 12:00	01/15/22 16:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/14/22 12:00	01/15/22 16:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/14/22 12:00	01/15/22 16:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				01/14/22 12:00	01/15/22 16:59	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/14/22 12:00	01/15/22 16:59	1

Client: NT Global Project/Site: State 16 Battery

Job ID: 880-10224-1

SDG: Lea County NM

Client Sample ID: CS-6 (1.5')

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35 Lab Sample ID: 880-10224-6

Matrix: Solid

•	U (GC)	0.00403		mg/Kg			01/17/22 15:08	1
•	O) (GC)							
Result								
	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.9	U	49.9		mg/Kg			01/17/22 14:15	1
nics (D	RO) (GC)							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.9	U	49.9		mg/Kg		01/14/22 09:31	01/14/22 17:29	1
<49.9	U	49.9		mg/Kg		01/14/22 09:31	01/14/22 17:29	1
<49.9	U	49.9		mg/Kg		01/14/22 09:31	01/14/22 17:29	1
ecovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
63	S1-	70 - 130				01/14/22 09:31	01/14/22 17:29	1
66	S1-	70 - 130				01/14/22 09:31	01/14/22 17:29	1
	Result	<49.9 U <49.9 U  ecovery Qualifier  63 S1-	Result         Qualifier         RL           <49.9	Result         Qualifier         RL         MDL           <49.9	Result         Qualifier         RL         MDL         Unit           <49.9	Result          Qualifier         RL          MDL mg/Kg         D mg/Kg           <49.9	Result          Qualifier         RL          MDL mit         D mg/Kg         Prepared 01/14/22 09:31           <49.9 U	Result          Qualifier         RL          MDL mg/Kg         Unit mg/Kg         D mg/Kg         Prepared 01/14/22 09:31         Analyzed 01/14/22 17:29           <49.9 U

Client Sample ID: CS-7 (1.5') L

5.00

84.2

mg/Kg

Date Collected: 01/13/22 00:00

Chloride

Date Received: 01/14/22 08:35

.ab	Sample	ID:	880-10224-7	
-----	--------	-----	-------------	--

01/15/22 14:46

**Matrix: Solid** 

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 17:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 17:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 17:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/14/22 12:00	01/15/22 17:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 17:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/14/22 12:00	01/15/22 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1.5 % (0.1)	95		70 - 130				01/14/22 12:00	01/15/22 17:26	1
4-Bromofluorobenzene (Surr)	00								
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total B Analyte	TEX Calculation Result	Qualifier	70 - 130	MDL	Unit	<u>D</u>	01/14/22 12:00 Prepared	01/15/22 17:26  Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total B	100 TEX Calculation			MDL	Unit mg/Kg	<u>D</u>			Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total B Analyte	TEX Calculation Result <0.00401	U	RL	MDL		<u>D</u>		Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total B Analyte  Total BTEX	TEX Calculation Result <0.00401  nge Organics (DR	U	RL	MDL MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total B Analyte  Total BTEX  Method: 8015 NM - Diesel Ra	TEX Calculation Result <0.00401  nge Organics (DR	U O) (GC) Qualifier	RL		mg/Kg		Prepared	Analyzed 01/17/22 15:08	Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total B Analyte  Total BTEX  Method: 8015 NM - Diesel Ra Analyte	TEX Calculation Result <0.00401  nge Organics (DRO Result <50.0	O) (GC) Qualifier U	RL		mg/Kg		Prepared	Analyzed 01/17/22 15:08 Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total B Analyte  Total BTEX  Method: 8015 NM - Diesel Ra Analyte  Total TPH	TEX Calculation Result -0.00401 nge Organics (DResult - 50.0) ange Organics (Diagrams)	O) (GC) Qualifier U	RL		mg/Kg  Unit mg/Kg		Prepared	Analyzed 01/17/22 15:08 Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total B Analyte  Total BTEX  Method: 8015 NM - Diesel Ra Analyte  Total TPH  Method: 8015B NM - Diesel R	TEX Calculation Result -0.00401 nge Organics (DResult - 50.0) ange Organics (Diagrams)	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00401 RL 50.0	MDL	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 01/17/22 15:08  Analyzed 01/17/22 14:15	Dil Fac

Job ID: 880-10224-1

SDG: Lea County NM

Client Sample ID: CS-7 (1.5') Date Collected: 01/13/22 00:00

Lab Sample ID: 880-10224-7 Matrix: Solid

Date Received: 01/14/22 08:35

Project/Site: State 16 Battery

Client: NT Global

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/14/22 09:31	01/14/22 17:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			01/14/22 09:31	01/14/22 17:50	1
o-Terphenyl	73		70 - 130			01/14/22 09:31	01/14/22 17:50	1

Method: 300.0 - Anions, Ion Chromat	tography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.8		5.00		mg/Kg			01/15/22 14:54	1

Client Sample ID: CS-8 (1.5')

Lab Sample ID: 880-10224-8

Date Received: 01/14/22 08:35

Date Collected: 01/13/22 00:00 Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 17:52	-
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 17:52	•
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 17:52	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/14/22 12:00	01/15/22 17:52	
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 17:52	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/14/22 12:00	01/15/22 17:52	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	104		70 - 130				01/14/22 12:00	01/15/22 17:52	-
1,4-Difluorobenzene (Surr)	107		70 - 130				01/14/22 12:00	01/15/22 17:52	
- Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/17/22 15:08	-
•	•	, , ,	D.			_			5.1.5
Method: 8015 NM - Diesel Range Analyte	•	O) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
•	•	Qualifier	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 01/17/22 14:15	
Analyte Total TPH	Result   <50.0	Qualifier U		MDL		<u>D</u>	Prepared		
Analyte	Result <50.0	Qualifier U				<u>D</u>	Prepared Prepared		
Analyte Total TPH  Method: 8015B NM - Diesel Rang	Result <50.0	Qualifier U RO) (GC) Qualifier	50.0		mg/Kg			01/17/22 14:15	Dil Fa
Analyte Total TPH  Method: 8015B NM - Diesel Rang Analyte	Result <50.0  ge Organics (Dige Result )	Qualifier U RO) (GC) Qualifier	50.0		mg/Kg		Prepared	01/17/22 14:15  Analyzed	Dil Fa
Analyte Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0  ge Organics (Dige Result )	Qualifier U  RO) (GC) Qualifier U	50.0		mg/Kg		Prepared	01/17/22 14:15  Analyzed	Dil Fa
Analyte Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U  RO) (GC) Qualifier U	50.0  RL  50.0  50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 18:10 01/14/22 18:10	Dil Fa
Analyte Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0  Ge Organics (Dige Result <50.0	Qualifier U  RO) (GC) Qualifier U	50.0 RL 50.0		mg/Kg  Unit mg/Kg		Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 18:10	Dil Fa
Analyte Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	Result	Qualifier U  RO) (GC) Qualifier U  U  Qualifier	50.0  RL  50.0  50.0  50.0  Limits		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31 Prepared	Analyzed 01/14/22 18:10 01/14/22 18:10 01/14/22 18:10 Analyzed	Dil Fac
Analyte Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result	Qualifier U  RO) (GC) Qualifier U  U  Qualifier S1-	50.0  RL 50.0  50.0  50.0  Limits 70.130		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31  Prepared 01/14/22 09:31	Analyzed 01/14/22 18:10 01/14/22 18:10 01/14/22 18:10 Analyzed 01/14/22 18:10	Dil Fac
Analyte Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	Result	Qualifier U  RO) (GC) Qualifier U  U  Qualifier	50.0  RL  50.0  50.0  50.0  Limits		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31 Prepared	Analyzed 01/14/22 18:10 01/14/22 18:10 01/14/22 18:10 Analyzed	Dil Fa
Analyte Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	Result	Qualifier U  RO) (GC) Qualifier U  U  Qualifier S1- S1-	50.0  RL 50.0  50.0  50.0  Limits 70.130		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31  Prepared 01/14/22 09:31	Analyzed 01/14/22 18:10 01/14/22 18:10 01/14/22 18:10 Analyzed 01/14/22 18:10	Dil Fac
Analyte Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U  RO) (GC) Qualifier U  U  Qualifier S1- S1-	50.0  RL 50.0  50.0  50.0  Limits 70.130	MDL	mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31  Prepared 01/14/22 09:31	Analyzed 01/14/22 18:10 01/14/22 18:10 01/14/22 18:10 Analyzed 01/14/22 18:10	Dil Fac

Client: NT Global Job ID: 880-10224-1 Project/Site: State 16 Battery SDG: Lea County NM

**Client Sample ID: SW-1** 

Lab Sample ID: 880-10224-9 Date Collected: 01/13/22 00:00 Matrix: Solid

Date Received: 01/14/22 08:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 18:19	1
Toluene	< 0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 18:19	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 18:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/14/22 12:00	01/15/22 18:19	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 18:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/14/22 12:00	01/15/22 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/14/22 12:00	01/15/22 18:19	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/14/22 12:00	01/15/22 18:19	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/22 15:08	1
Method: 8015 NM - Diesel Range	•								
			D.	MEDI	1114		Danie and	A II	D:: F
Analyte Total TPH	Result <50.0	Qualifier U	— RL — 50.0	MDL	Unit mg/Kg	D	Prepared	Analyzed 01/17/22 14:15	
Total TPH	<50.0	U		MDL		<u>D</u>	Prepared		
	<50.0	U (GC)		MDL		<u>D</u>	<u>Prepared</u>	01/17/22 14:15	1
Total TPH  Method: 8015B NM - Diesel Rang Analyte	<50.0  ge Organics (D  Result	RO) (GC) Qualifier	50.0	MDL	mg/Kg	<u>D</u>	Prepared	01/17/22 14:15  Analyzed	1 Dil Fac
Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	<50.0	RO) (GC) Qualifier	50.0		mg/Kg		· · ·	01/17/22 14:15	1 Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	<50.0  ge Organics (D  Result  <50.0	U RO) (GC) Qualifier U	50.0 RL 50.0		mg/Kg  Unit mg/Kg		Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed  01/14/22 18:31	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0  ge Organics (D  Result	U RO) (GC) Qualifier U	50.0		mg/Kg		Prepared	01/17/22 14:15  Analyzed	1 Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	<50.0  ge Organics (D  Result  <50.0	RO) (GC) Qualifier U	50.0 RL 50.0		mg/Kg  Unit mg/Kg		Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed  01/14/22 18:31	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0  ge Organics (D  Result  <50.0  <50.0	U RO) (GC) Qualifier U U	50.0  RL  50.0  50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31	01/17/22 14:15  Analyzed  01/14/22 18:31  01/14/22 18:31	1 Dil Fac
Total TPH  Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0  ge Organics (D  Result  <50.0  <50.0  <50.0	U RO) (GC) Qualifier U U	50.0  RL  50.0  50.0  50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 18:31 01/14/22 18:31	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	<50.0 ge Organics (D Result <50.0 <50.0 <50.0 <50.0 <63	U RO) (GC) Qualifier U U Qualifier	50.0  RL 50.0  50.0  50.0  Limits		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31 Prepared	Analyzed 01/14/22 18:31 01/14/22 18:31 01/14/22 18:31 Analyzed	Dil Fac
Total TPH  Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	<50.0 ge Organics (D Result <50.0 <50.0 <50.0 <63 63	CONTROLUCION (CONTROLUCION (CO	50.0  RL 50.0  50.0  50.0  Limits 70 - 130		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31  Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 18:31  01/14/22 18:31  Analyzed 01/14/22 18:31	1 Dil Fac 1 1 1 Dil Fac 1 1
Total TPH  Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 <63 63 63 comatography -	CONTROLUCION (CONTROLUCION (CO	50.0  RL 50.0  50.0  50.0  Limits 70 - 130	MDL	mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/14/22 09:31 01/14/22 09:31 01/14/22 09:31  Prepared 01/14/22 09:31	01/17/22 14:15  Analyzed 01/14/22 18:31  01/14/22 18:31  Analyzed 01/14/22 18:31	Dil Fac  1  Dil Fac  1  Dil Fac  1  Dil Fac  1  Dil Fac

Client Sample ID: SW-2 Lab Sample ID: 880-10224-10 Date Collected: 01/13/22 00:00 **Matrix: Solid** 

Date Received: 01/14/22 08:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/14/22 12:00	01/15/22 18:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/14/22 12:00	01/15/22 18:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/14/22 12:00	01/15/22 18:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/14/22 12:00	01/15/22 18:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/14/22 12:00	01/15/22 18:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/14/22 12:00	01/15/22 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				01/14/22 12:00	01/15/22 18:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/14/22 12:00	01/15/22 18:46	1

Client: NT Global

Job ID: 880-10224-1

SDG: Lea County NM

**Client Sample ID: SW-2** 

Project/Site: State 16 Battery

Lab Sample ID: 880-10224-10

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35

•	Gumpic	10.	000	IULL	
			М	atrix: S	olid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/17/22 15:08	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/17/22 14:15	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 18:52	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 18:52	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				01/14/22 09:31	01/14/22 18:52	1
o-Terphenyl	64	S1-	70 - 130				01/14/22 09:31	01/14/22 18:52	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.0		4.99		mg/Kg			01/15/22 15:19	

**Client Sample ID: SW-3** Lab Sample ID: 880-10224-11

Date Collected: 01/13/22 00:00

Date Received: 01/14/22 08:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 20:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 20:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 20:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/14/22 12:00	01/15/22 20:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 20:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/14/22 12:00	01/15/22 20:31	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130				01/14/22 12:00	01/15/22 20:31	1
Method: Total BTEX - Total BTI		Ovelifier	70 <sub>-</sub> 130	MDI	llo-i4		01/14/22 12:00	01/15/22 20:31	
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BTI Analyte  Total BTEX	EX Calculation	Qualifier	70 - 130  RL  0.00400	MDL	Unit mg/Kg	<u>D</u>	01/14/22 12:00 Prepared	Analyzed 01/17/22 15:08	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX	EX Calculation Result <0.00400	U	RL	MDL		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte	EX Calculation Result <0.00400  ge Organics (DR	U	RL			D		Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX  Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00400  ge Organics (DR	U (GC)	RL		mg/Kg		Prepared	Analyzed 01/17/22 15:08	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX  Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00400  ge Organics (DR) Result 66.8	O) (GC) Qualifier			mg/Kg		Prepared	Analyzed 01/17/22 15:08 Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX  Method: 8015 NM - Diesel Rang Analyte Total TPH  Method: 8015B NM - Diesel Rang	EX Calculation Result <0.00400  ge Organics (DR) Result 66.8  nge Organics (D	O) (GC) Qualifier		MDL	mg/Kg		Prepared	Analyzed 01/17/22 15:08 Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX  Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00400  ge Organics (DR) Result 66.8  nge Organics (D	O) (GC) Qualifier  RO) (GC) Qualifier	RL 0.00400 RL 49.9	MDL	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 01/17/22 15:08  Analyzed 01/17/22 14:15	Dil Fac

**Eurofins Midland** 

**Matrix: Solid** 

Job ID: 880-10224-1

Project/Site: State 16 Battery SDG: Lea County NM

**Client Sample ID: SW-3** Lab Sample ID: 880-10224-11 Date Collected: 01/13/22 00:00

Matrix: Solid

Date Received: 01/14/22 08:35

Client: NT Global

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/14/22 09:31	01/14/22 19:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				01/14/22 09:31	01/14/22 19:12	1
o-Terphenyl	63	S1-	70 - 130				01/14/22 09:31	01/14/22 19:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 85.3 F1 5.02 01/15/22 15:28 mg/Kg

Client Sample ID: SW-4 Lab Sample ID: 880-10224-12

Date Collected: 01/13/22 00:00	Matrix: Solid
Date Received: 01/14/22 08:35	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00198	U	0.00198		mg/Kg		01/14/22 12:00	01/15/22 20:57	
Toluene	<0.00198	U	0.00198		mg/Kg		01/14/22 12:00	01/15/22 20:57	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/14/22 12:00	01/15/22 20:57	
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/14/22 12:00	01/15/22 20:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/14/22 12:00	01/15/22 20:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/14/22 12:00	01/15/22 20:57	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	90		70 - 130				01/14/22 12:00	01/15/22 20:57	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/14/22 12:00	01/15/22 20:57	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/17/22 15:08	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/17/22 14:35	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 19:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 19:34	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 19:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				01/14/22 09:31	01/14/22 19:34	1
o-Terphenyl	69	S1-	70 - 130				01/14/22 09:31	01/14/22 19:34	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.7		4.99		mg/Kg			01/15/22 15:53	1

# **Client Sample Results**

Client: NT Global Job ID: 880-10224-1
Project/Site: State 16 Battery SDG: Lea County NM

Client Sample ID: SW-5 Lab Sample ID: 880-10224-13

Date Collected: 01/13/22 00:00 Matrix: Solid
Date Received: 01/14/22 08:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 21:24	
Toluene	< 0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 21:24	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 21:24	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/14/22 12:00	01/15/22 21:24	•
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/14/22 12:00	01/15/22 21:24	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/14/22 12:00	01/15/22 21:24	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	90		70 - 130				01/14/22 12:00	01/15/22 21:24	
1,4-Difluorobenzene (Surr)	100		70 - 130				01/14/22 12:00	01/15/22 21:24	
Method: Total BTEX - Total BTEX	( Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/17/22 15:08	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/17/22 14:35	,
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (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		01/14/22 09:31	01/14/22 19:56	•
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 19:56	•
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 19:56	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	60	S1-	70 - 130				01/14/22 09:31	01/14/22 19:56	
o-Terphenyl	60	S1-	70 - 130				01/14/22 09:31	01/14/22 19:56	
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.64		4.95		mg/Kg			01/15/22 16:01	1

Client Sample ID: SW-6

Lab Sample ID: 880-10224-14

Date Collected: 01/13/22 00:00

Matrix: Solid

Date Collected: 01/13/22 00:00
Date Received: 01/14/22 08:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/14/22 12:00	01/15/22 21:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/14/22 12:00	01/15/22 21:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/14/22 12:00	01/15/22 21:51	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/14/22 12:00	01/15/22 21:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/14/22 12:00	01/15/22 21:51	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/14/22 12:00	01/15/22 21:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/14/22 12:00	01/15/22 21:51	1
1,4-Difluorobenzene (Surr)	90		70 - 130				01/14/22 12:00	01/15/22 21:51	1

**Eurofins Midland** 

2

3

F

7

\_

10

12

13

# **Client Sample Results**

Client: NT Global Job ID: 880-10224-1
Project/Site: State 16 Battery SDG: Lea County NM

Client Sample ID: SW-6 Lab Sample ID: 880-10224-14

. Matrix: Solid

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/17/22 15:08	1
- Method: 8015 NM - Diesel Range	e Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/17/22 14:35	1
Method: 8015B NM - Diesel Ran	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 20:16	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 20:16	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				01/14/22 09:31	01/14/22 20:16	1
o-Terphenyl	62	S1-	70 - 130				01/14/22 09:31	01/14/22 20:16	1
Method: 300.0 - Anions, Ion Chr	omatography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/15/22 16:26	1

Released to Imaging: 2/10/2022 8:43:16 AM

2

3

5

7

9

44

12

13

## **Surrogate Summary**

Client: NT Global Job ID: 880-10224-1 Project/Site: State 16 Battery SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-10224-1	CS-1 (1.5')	106	95	
880-10224-1 MS	CS-1 (1.5')	84	105	
880-10224-1 MSD	CS-1 (1.5')	107	125	
880-10224-2	CS-2 (1.5')	93	99	
880-10224-3	CS-3 (1.5')	96	95	
880-10224-4	CS-4 (1.5')	111	81	
880-10224-5	CS-5 (1.5')	69 S1-	125	
880-10224-6	CS-6 (1.5')	103	106	
880-10224-7	CS-7 (1.5')	95	100	
880-10224-8	CS-8 (1.5')	104	107	
880-10224-9	SW-1	95	104	
880-10224-10	SW-2	99	98	
880-10224-11	SW-3	71	78	
880-10224-12	SW-4	90	101	
880-10224-13	SW-5	90	100	
880-10224-14	SW-6	94	90	
LCS 880-16781/1-A	Lab Control Sample	85	94	
LCSD 880-16781/2-A	Lab Control Sample Dup	94	100	
MB 880-16781/5-A	Method Blank	62 S1-	91	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

Lab Sample ID				Percent Surrogate Recovery (Acceptance Limits
	Client Sample ID	1CO1 (70-130)	OTPH1	
			(70-130)	
880-10224-1	CS-1 (1.5')	69 S1-	75	
880-10224-2	CS-2 (1.5')	65 S1-	69 S1-	
880-10224-3	CS-3 (1.5')	63 S1-	69 S1-	
880-10224-4	CS-4 (1.5')	13 S1-	14 S1-	
880-10224-5	CS-5 (1.5')	66 S1-	72	
880-10224-6	CS-6 (1.5')	63 S1-	66 S1-	
880-10224-7	CS-7 (1.5')	67 S1-	73	
880-10224-8	CS-8 (1.5')	63 S1-	67 S1-	
880-10224-9	SW-1	63 S1-	63 S1-	
880-10224-10	SW-2	63 S1-	64 S1-	
880-10224-11	SW-3	62 S1-	63 S1-	
880-10224-12	SW-4	65 S1-	69 S1-	
880-10224-13	SW-5	60 S1-	60 S1-	
880-10224-14	SW-6	64 S1-	62 S1-	
880-10225-A-1-C MS	Matrix Spike	59 S1-	53 S1-	
880-10225-A-1-D MSD	Matrix Spike Duplicate	61 S1-	59 S1-	
LCS 880-16836/2-A	Lab Control Sample	97	98	
LCSD 880-16836/3-A	Lab Control Sample Dup	99	101	
MB 880-16836/1-A	Method Blank	79	87	

# **Surrogate Summary**

Client: NT Global
Project/Site: State 16 Battery

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Job ID: 880-10224-1 SDG: Lea County NM

3

А

5

7

8

10

Ш

13

114

Client: NT Global Job ID: 880-10224-1 Project/Site: State 16 Battery

SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-16781/5-A

Lab Sample ID: LCS 880-16781/1-A

**Matrix: Solid** 

**Matrix: Solid** Analysis Batch: 16936 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16781

	МВ	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 14:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 14:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 14:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/14/22 12:00	01/15/22 14:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/22 12:00	01/15/22 14:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/14/22 12:00	01/15/22 14:19	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	62	S1-	70 - 130	01/14/22 12:00	01/15/22 14:19	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/14/22 12:00	01/15/22 14:19	1

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

Prep Batch: 16781

Analysis Batch: 16936 LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1229 mg/Kg 123 70 - 130 Toluene 0.100 0.1125 mg/Kg 112 70 - 130 0.100 0.09984 100 Ethylbenzene mg/Kg 70 - 130 0.200 0.2092 105 70 - 130 m-Xylene & p-Xylene mg/Kg 0.100 0.1024 102 70 - 130 o-Xylene mg/Kg

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	85	70 - 130
1,4-Difluorobenzene (Surr)	94	70 - 130

Client Sample ID: Lab Control Sample Dup

**Matrix: Solid** 

Analysis Batch: 16936

Lab Sample ID: LCSD 880-16781/2-A

Prep Type: Total/NA Prep Batch: 16781

	<b>Spike</b>	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1148		mg/Kg		115	70 - 130	7	35	
Toluene	0.100	0.1243		mg/Kg		124	70 - 130	10	35	
Ethylbenzene	0.100	0.1081		mg/Kg		108	70 - 130	8	35	
m-Xylene & p-Xylene	0.200	0.2255		mg/Kg		113	70 - 130	8	35	
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130	7	35	

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	94	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: 880-10224-1 MS

**Matrix: Solid** 

Analysis Batch: 16936

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 16781

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0996	0.1112		mg/Kg		112	70 - 130	
Toluene	< 0.00200	U	0.0996	0.09628		mg/Kg		97	70 - 130	

**Eurofins Midland** 

Released to Imaging: 2/10/2022 8:43:16 AM

Project/Site: State 16 Battery

Job ID: 880-10224-1

SDG: Lea County NM

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

Lab Sample ID: 880-10224-1 MS

Lab Sample ID: 880-10224-1 MSD

**Matrix: Solid** 

o-Xylene

**Matrix: Solid** 

Analysis Batch: 16936

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA Prep Batch: 16781

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits D <0.00200 U 0.0996 0.08236 83 70 - 130 Ethylbenzene mg/Kg m-Xylene & p-Xylene <0.00401 U 0.199 0.1454 mg/Kg 73 70 - 130

0.09945

mg/Kg

0.0996

MS MS

<0.00200 U

Surrogate %Recovery Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 84 1,4-Difluorobenzene (Surr) 105 70 - 130

Client Sample ID: CS-1 (1.5')

70 - 130

100

Prep Type: Total/NA

Prep Batch: 16781 RPD

Analysis Batch: 16936 Sample Sample Spike MSD MSD %Rec. Result Qualifier %Rec RPD Limit Analyte babbA Result Qualifier Limits Unit Benzene <0.00200 U 0.0996 0.1161 mg/Kg 117 70 - 130 4 35 Toluene <0.00200 0.0996 0.1048 mg/Kg 105 70 - 130 8 35 Ethylbenzene <0.00200 0.0996 0.09134 92 70 - 130 35 U mg/Kg 10 m-Xylene & p-Xylene < 0.00401 U 0.199 0.1712 mg/Kg 86 70 - 130 16 35 0.0996 70 - 130 o-Xylene <0.00200 U 0.1112 mg/Kg 112 11

MSD MSD

Qualifier Limits Surrogate %Recovery 70 - 130 4-Bromofluorobenzene (Surr) 107 1,4-Difluorobenzene (Surr) 125 70 - 130

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

Lab Sample ID: MB 880-16836/1-A

**Matrix: Solid** 

**Analysis Batch: 16815** 

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16836

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 11:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 11:57	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/14/22 09:31	01/14/22 11:57	1

MB MB

%Recovery Dil Fac Qualifier Limits Prepared Analyzed Surrogate 1-Chlorooctane 79 70 - 130 01/14/22 09:31 01/14/22 11:57 87 70 - 130 01/14/22 09:31 01/14/22 11:57 o-Terphenyl

Lab Sample ID: LCS 880-16836/2-A

**Matrix: Solid** 

**Analysis Batch: 16815** 

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16836

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	985.0		mg/Kg		99	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	999.8		mg/Kg		100	70 - 130	
C10-C28)								

Client: NT Global Job ID: 880-10224-1 Project/Site: State 16 Battery SDG: Lea County NM

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

Lab Sample ID: LCS 880-16836/2-A Client Sample ID: Lab Control Sample **Matrix: Solid** 

Prep Type: Total/NA **Analysis Batch: 16815** Prep Batch: 16836

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

Lab Sample ID: LCSD 880-16836/3-A Client Sample ID: Lab Control Sample Dup

**Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 16815** Prep Batch: 16836

Spike LCSD LCSD %Rec. RPD Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 1030 103 70 - 13020 Gasoline Range Organics mg/Kg 4 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1033 103 mg/Kg 70 - 1303 20 C10-C28)

	LCSD LCSD	
Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	99	70 - 130
o-Terphenyl	101	70 - 130

Lab Sample ID: 880-10225-A-1-C MS Client Sample ID: Matrix Spike

**Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 16815** Prep Batch: 16836

Sample Sample Spike MS MS Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics <49.9 U 996 937.6 mg/Kg 94 70 - 130

(GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 996 808.3 mg/Kg 81 70 - 130 C10-C28)

MS MS %Recovery Qualifier Limits Surrogate S1-70 - 130 1-Chlorooctane 59 o-Terphenyl 53 S1-70 - 130

Lab Sample ID: 880-10225-A-1-D MSD Client Sample ID: Matrix Spike Duplicate

**Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 16815** Prep Batch: 16836

Sample Sample MSD MSD RPD Spike %Rec. Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit <49.9 U 999 978.0 98 Gasoline Range Organics mg/Kg 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 999 890.4 mg/Kg 89 70 - 130 10 20

MSD MSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 61 S1-70 - 130 o-Terphenyl 59 S1-70 - 130

**Eurofins Midland** 

C10-C28)

Job ID: 880-10224-1

SDG: Lea County NM

**Prep Type: Soluble** 

**Prep Type: Soluble** 

**Prep Type: Soluble** 

Prep Type: Soluble

**Prep Type: Soluble** 

Client Sample ID: SW-3

Client Sample ID: SW-3

**Prep Type: Soluble** 

**Prep Type: Soluble** 

Client Sample ID: CS-1 (1.5')

Client Sample ID: CS-1 (1.5')

Client Sample ID: Method Blank

**Client Sample ID: Lab Control Sample** 

%Rec.

Client Sample ID: Lab Control Sample Dup

Method: 300.0 - Anions, Ion Chromatography

Project/Site: State 16 Battery

Lab Sample ID: MB 880-16851/1-A **Matrix: Solid** 

Analysis Batch: 16879

Client: NT Global

Analyte	Result Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			01/15/22 13:05	1	

LCS LCS

Lab Sample ID: LCS 880-16851/2-A

**Matrix: Solid** 

**Analysis Batch: 16879** 

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	274.1		mg/Kg	_	110	90 - 110	

Lab Sample ID: LCSD 880-16851/3-A

Matrix: Solid

**Analysis Batch: 16879** 

	<b>Бріке</b>	LCSD	LCSD				%Rec.		KPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	271.5		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-10224-1 MS

**Matrix: Solid** 

**Analysis Batch: 16879** 

١		Sample	Sample	Spike	MS	MS				%Rec.	
	Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
	Chloride	35.9		249	305.3		mg/Kg		108	90 - 110	

Lab Sample ID: 880-10224-1 MSD

**Matrix: Solid** 

**Analysis Batch: 16879** 

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	35.9		249	304.3		mg/Kg		108	90 - 110		20

Lab Sample ID: 880-10224-11 MS

**Matrix: Solid** 

**Analysis Batch: 16879** 

-	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	85.3	F1	251	364.8	F1	ma/Ka	_	111	90 110	

Lab Sample ID: 880-10224-11 MSD

**Matrix: Solid** 

Analysis Batch: 16879												
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	85.3	F1	251	367.8	F1	ma/Ka		113	90 - 110	1	20	

Client: NT Global

Job ID: 880-10224-1 Project/Site: State 16 Battery SDG: Lea County NM

## **GC VOA**

## Prep Batch: 16781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-10224-1	CS-1 (1.5')	Total/NA	Solid	5035	_
880-10224-2	CS-2 (1.5')	Total/NA	Solid	5035	
880-10224-3	CS-3 (1.5')	Total/NA	Solid	5035	
880-10224-4	CS-4 (1.5')	Total/NA	Solid	5035	
880-10224-5	CS-5 (1.5')	Total/NA	Solid	5035	
880-10224-6	CS-6 (1.5')	Total/NA	Solid	5035	
880-10224-7	CS-7 (1.5')	Total/NA	Solid	5035	
880-10224-8	CS-8 (1.5')	Total/NA	Solid	5035	
880-10224-9	SW-1	Total/NA	Solid	5035	
880-10224-10	SW-2	Total/NA	Solid	5035	
880-10224-11	SW-3	Total/NA	Solid	5035	
880-10224-12	SW-4	Total/NA	Solid	5035	
880-10224-13	SW-5	Total/NA	Solid	5035	
880-10224-14	SW-6	Total/NA	Solid	5035	
MB 880-16781/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16781/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16781/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10224-1 MS	CS-1 (1.5')	Total/NA	Solid	5035	
880-10224-1 MSD	CS-1 (1.5')	Total/NA	Solid	5035	

#### Analysis Batch: 16936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10224-1	CS-1 (1.5')	Total/NA	Solid	8021B	16781
880-10224-2	CS-2 (1.5')	Total/NA	Solid	8021B	16781
880-10224-3	CS-3 (1.5')	Total/NA	Solid	8021B	16781
880-10224-4	CS-4 (1.5')	Total/NA	Solid	8021B	16781
880-10224-5	CS-5 (1.5')	Total/NA	Solid	8021B	16781
880-10224-6	CS-6 (1.5')	Total/NA	Solid	8021B	16781
880-10224-7	CS-7 (1.5')	Total/NA	Solid	8021B	16781
880-10224-8	CS-8 (1.5')	Total/NA	Solid	8021B	16781
880-10224-9	SW-1	Total/NA	Solid	8021B	16781
880-10224-10	SW-2	Total/NA	Solid	8021B	16781
880-10224-11	SW-3	Total/NA	Solid	8021B	16781
880-10224-12	SW-4	Total/NA	Solid	8021B	16781
880-10224-13	SW-5	Total/NA	Solid	8021B	16781
880-10224-14	SW-6	Total/NA	Solid	8021B	16781
MB 880-16781/5-A	Method Blank	Total/NA	Solid	8021B	16781
LCS 880-16781/1-A	Lab Control Sample	Total/NA	Solid	8021B	16781
LCSD 880-16781/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16781
880-10224-1 MS	CS-1 (1.5')	Total/NA	Solid	8021B	16781
880-10224-1 MSD	CS-1 (1.5')	Total/NA	Solid	8021B	16781

## Analysis Batch: 17056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10224-1	CS-1 (1.5')	Total/NA	Solid	Total BTEX	
880-10224-2	CS-2 (1.5')	Total/NA	Solid	Total BTEX	
880-10224-3	CS-3 (1.5')	Total/NA	Solid	Total BTEX	
880-10224-4	CS-4 (1.5')	Total/NA	Solid	Total BTEX	
880-10224-5	CS-5 (1.5')	Total/NA	Solid	Total BTEX	
880-10224-6	CS-6 (1.5')	Total/NA	Solid	Total BTEX	
880-10224-7	CS-7 (1.5')	Total/NA	Solid	Total BTEX	

Client: NT Global Job ID: 880-10224-1
Project/Site: State 16 Battery SDG: Lea County NM

**GC VOA (Continued)** 

## **Analysis Batch: 17056 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10224-8	CS-8 (1.5')	Total/NA	Solid	Total BTEX	
880-10224-9	SW-1	Total/NA	Solid	Total BTEX	
880-10224-10	SW-2	Total/NA	Solid	Total BTEX	
880-10224-11	SW-3	Total/NA	Solid	Total BTEX	
880-10224-12	SW-4	Total/NA	Solid	Total BTEX	
880-10224-13	SW-5	Total/NA	Solid	Total BTEX	
880-10224-14	SW-6	Total/NA	Solid	Total BTEX	

## **GC Semi VOA**

## Analysis Batch: 16815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10224-1	CS-1 (1.5')	Total/NA	Solid	8015B NM	16836
880-10224-2	CS-2 (1.5')	Total/NA	Solid	8015B NM	16836
880-10224-3	CS-3 (1.5')	Total/NA	Solid	8015B NM	16836
880-10224-4	CS-4 (1.5')	Total/NA	Solid	8015B NM	16836
880-10224-5	CS-5 (1.5')	Total/NA	Solid	8015B NM	16836
880-10224-6	CS-6 (1.5')	Total/NA	Solid	8015B NM	16836
880-10224-7	CS-7 (1.5')	Total/NA	Solid	8015B NM	16836
880-10224-8	CS-8 (1.5')	Total/NA	Solid	8015B NM	16836
880-10224-9	SW-1	Total/NA	Solid	8015B NM	16836
880-10224-10	SW-2	Total/NA	Solid	8015B NM	16836
880-10224-11	SW-3	Total/NA	Solid	8015B NM	16836
880-10224-12	SW-4	Total/NA	Solid	8015B NM	16836
880-10224-13	SW-5	Total/NA	Solid	8015B NM	16836
880-10224-14	SW-6	Total/NA	Solid	8015B NM	16836
MB 880-16836/1-A	Method Blank	Total/NA	Solid	8015B NM	16836
LCS 880-16836/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16836
LCSD 880-16836/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16836
880-10225-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	16836
880-10225-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	16836

#### Prep Batch: 16836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-10224-1	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-10224-2	CS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-10224-3	CS-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-10224-4	CS-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-10224-5	CS-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-10224-6	CS-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-10224-7	CS-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-10224-8	CS-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-10224-9	SW-1	Total/NA	Solid	8015NM Prep	
880-10224-10	SW-2	Total/NA	Solid	8015NM Prep	
880-10224-11	SW-3	Total/NA	Solid	8015NM Prep	
880-10224-12	SW-4	Total/NA	Solid	8015NM Prep	
880-10224-13	SW-5	Total/NA	Solid	8015NM Prep	
880-10224-14	SW-6	Total/NA	Solid	8015NM Prep	
MB 880-16836/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16836/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16836/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

**Eurofins Midland** 

1

2

Λ

**5** 

8

9

11

13

Н

Client: NT Global

Project/Site: State 16 Battery

Job ID: 880-10224-1 SDG: Lea County NM

# GC Semi VOA (Continued)

## Prep Batch: 16836 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10225-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-10225-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 17055

Prep Ba	Method	Matrix	Prep Type	Client Sample ID	Lab Sample ID
	8015 NM	Solid	Total/NA	CS-1 (1.5')	880-10224-1
	8015 NM	Solid	Total/NA	CS-2 (1.5')	880-10224-2
	8015 NM	Solid	Total/NA	CS-3 (1.5')	880-10224-3
	8015 NM	Solid	Total/NA	CS-4 (1.5')	880-10224-4
	8015 NM	Solid	Total/NA	CS-5 (1.5')	880-10224-5
	8015 NM	Solid	Total/NA	CS-6 (1.5')	880-10224-6
	8015 NM	Solid	Total/NA	CS-7 (1.5')	880-10224-7
	8015 NM	Solid	Total/NA	CS-8 (1.5')	880-10224-8
	8015 NM	Solid	Total/NA	SW-1	880-10224-9
	8015 NM	Solid	Total/NA	SW-2	880-10224-10
	8015 NM	Solid	Total/NA	SW-3	880-10224-11
	8015 NM	Solid	Total/NA	SW-4	880-10224-12
	8015 NM	Solid	Total/NA	SW-5	880-10224-13
	8015 NM	Solid	Total/NA	SW-6	880-10224-14

## HPLC/IC

#### Leach Batch: 16851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10224-1	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-10224-2	CS-2 (1.5')	Soluble	Solid	DI Leach	
880-10224-3	CS-3 (1.5')	Soluble	Solid	DI Leach	
880-10224-4	CS-4 (1.5')	Soluble	Solid	DI Leach	
380-10224-5	CS-5 (1.5')	Soluble	Solid	DI Leach	
880-10224-6	CS-6 (1.5')	Soluble	Solid	DI Leach	
880-10224-7	CS-7 (1.5')	Soluble	Solid	DI Leach	
380-10224-8	CS-8 (1.5')	Soluble	Solid	DI Leach	
880-10224-9	SW-1	Soluble	Solid	DI Leach	
380-10224-10	SW-2	Soluble	Solid	DI Leach	
880-10224-11	SW-3	Soluble	Solid	DI Leach	
380-10224-12	SW-4	Soluble	Solid	DI Leach	
380-10224-13	SW-5	Soluble	Solid	DI Leach	
380-10224-14	SW-6	Soluble	Solid	DI Leach	
MB 880-16851/1-A	Method Blank	Soluble	Solid	DI Leach	
_CS 880-16851/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16851/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10224-1 MS	CS-1 (1.5')	Soluble	Solid	DI Leach	
380-10224-1 MSD	CS-1 (1.5')	Soluble	Solid	DI Leach	
380-10224-11 MS	SW-3	Soluble	Solid	DI Leach	
880-10224-11 MSD	SW-3	Soluble	Solid	DI Leach	

## **Analysis Batch: 16879**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10224-1	CS-1 (1.5')	Soluble	Solid	300.0	16851
880-10224-2	CS-2 (1.5')	Soluble	Solid	300.0	16851
880-10224-3	CS-3 (1.5')	Soluble	Solid	300.0	16851

**Eurofins Midland** 

Page 24 of 36

Released to Imaging: 2/10/2022 8:43:16 AM

5

7

0

10

12

13

Client: NT Global Job ID: 880-10224-1 Project/Site: State 16 Battery SDG: Lea County NM

# **HPLC/IC** (Continued)

## **Analysis Batch: 16879 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10224-4	CS-4 (1.5')	Soluble	Solid	300.0	16851
880-10224-5	CS-5 (1.5')	Soluble	Solid	300.0	16851
880-10224-6	CS-6 (1.5')	Soluble	Solid	300.0	16851
880-10224-7	CS-7 (1.5')	Soluble	Solid	300.0	16851
880-10224-8	CS-8 (1.5')	Soluble	Solid	300.0	16851
880-10224-9	SW-1	Soluble	Solid	300.0	16851
880-10224-10	SW-2	Soluble	Solid	300.0	16851
880-10224-11	SW-3	Soluble	Solid	300.0	16851
880-10224-12	SW-4	Soluble	Solid	300.0	16851
880-10224-13	SW-5	Soluble	Solid	300.0	16851
880-10224-14	SW-6	Soluble	Solid	300.0	16851
MB 880-16851/1-A	Method Blank	Soluble	Solid	300.0	16851
LCS 880-16851/2-A	Lab Control Sample	Soluble	Solid	300.0	16851
LCSD 880-16851/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16851
880-10224-1 MS	CS-1 (1.5')	Soluble	Solid	300.0	16851
880-10224-1 MSD	CS-1 (1.5')	Soluble	Solid	300.0	16851
880-10224-11 MS	SW-3	Soluble	Solid	300.0	16851
880-10224-11 MSD	SW-3	Soluble	Solid	300.0	16851

Job ID: 880-10224-1

SDG: Lea County NM

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-10224-1

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35

Project/Site: State 16 Battery

Client: NT Global

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 14:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 15:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 13:31	CH	XEN MID

Lab Sample ID: 880-10224-2

Date Collected: 01/13/22 00:00

Client Sample ID: CS-2 (1.5')

Date Received: 01/14/22 08:35

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 15:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 15:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 13:56	CH	XEN MID

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-10224-3

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 15:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 16:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 14:04	CH	XEN MID

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-10224-4

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35 **Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 16:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:08	AJ	XEN MID

Job ID: 880-10224-1 Project/Site: State 16 Battery SDG: Lea County NM

Client Sample ID: CS-4 (1.5')

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35 Lab Sample ID: 880-10224-4

Matrix: Solid

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 16:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 14:12	CH	XEN MID

Lab Sample ID: 880-10224-5 Client Sample ID: CS-5 (1.5') Date Collected: 01/13/22 00:00

Date Received: 01/14/22 08:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 16:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 16:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 14:21	CH	XEN MID

Client Sample ID: CS-6 (1.5') Lab Sample ID: 880-10224-6 Date Collected: 01/13/22 00:00 **Matrix: Solid** 

Date Received: 01/14/22 08:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 16:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 17:29	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 14:46	CH	XEN MID

Lab Sample ID: 880-10224-7 Client Sample ID: CS-7 (1.5')

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 17:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:15	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g	10 mL	16836 16815	01/14/22 09:31 01/14/22 17:50	DM AJ	XEN MID XEN MID

**Eurofins Midland** 

**Matrix: Solid** 

Project/Site: State 16 Battery

Job ID: 880-10224-1 SDG: Lea County NM

Lab Sample ID: 880-10224-7

Client Sample ID: CS-7 (1.5')

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 14:54	CH	XEN MID

Client Sample ID: CS-8 (1.5') Lab Sample ID: 880-10224-8

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 17:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 18:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 15:03	CH	XEN MID

Client Sample ID: SW-1 Lab Sample ID: 880-10224-9

Date Collected: 01/13/22 00:00

**Matrix: Solid** 

Date Received: 01/14/22 08:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 18:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 18:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 15:11	CH	XEN MID

**Client Sample ID: SW-2** Lab Sample ID: 880-10224-10

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 18:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 18:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 15:19	CH	XEN MID

**Eurofins Midland** 

**Matrix: Solid** 

Matrix: Solid

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 20:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:15	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 19:12	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 15:28	CH	XEN MID

Client Sample ID: SW-4 Lab Sample ID: 880-10224-12

Date Collected: 01/13/22 00:00

Matrix: Solid

Date Received: 01/14/22 08:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 20:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 19:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 15:53	CH	XEN MID

**Client Sample ID: SW-5** Lab Sample ID: 880-10224-13

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35 **Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 21:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 19:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 16:01	CH	XEN MID

Client Sample ID: SW-6 Lab Sample ID: 880-10224-14

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35 **Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16781	01/14/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16936	01/15/22 21:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:08	AJ	XEN MID

## Lab Chronicle

Client: NT Global Job ID: 880-10224-1
Project/Site: State 16 Battery SDG: Lea County NM

Client Sample ID: SW-6

Lab Sample ID: 880-10224-14

Matrix: Solid

Date Collected: 01/13/22 00:00 Date Received: 01/14/22 08:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16836	01/14/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16815	01/14/22 20:16	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16851	01/14/22 10:57	CH	XEN MID
Soluble	Analysis	300.0		1			16879	01/15/22 16:26	CH	XEN MID

#### Laboratory References:

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

**Eurofins Midland** 

2

3

5

7

9

13

# **Accreditation/Certification Summary**

Client: NT Global Job ID: 880-10224-1
Project/Site: State 16 Battery SDG: Lea County NM

## **Laboratory: Eurofins Midland**

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

Authority	P	rogram	Identification Number	<b>Expiration Date</b>
Texas	N	ELAP	T104704400-21-22	06-30-22
The following analytes the agency does not of		ut the laboratory is not certifi	ed by the governing authority. This list ma	y include analytes for wh
Analysis Method	Prep Method	Matrix	Analyte	
	8015 NM			
8015 NM		Solid	Total TPH	

3

4

5

7

9

11

13

14

# **Method Summary**

Client: NT Global

Project/Site: State 16 Battery

Job ID: 880-10224-1

SDG: Lea County NM

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

#### **Protocol References:**

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

#### Laboratory References:

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

# **Sample Summary**

Client: NT Global

Project/Site: State 16 Battery

Job ID: 880-10224-1

SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-10224-1	CS-1 (1.5')	Solid	01/13/22 00:00	01/14/22 08:35
880-10224-2	CS-2 (1.5')	Solid	01/13/22 00:00	01/14/22 08:35
880-10224-3	CS-3 (1.5')	Solid	01/13/22 00:00	01/14/22 08:35
880-10224-4	CS-4 (1.5')	Solid	01/13/22 00:00	01/14/22 08:35
380-10224-5	CS-5 (1.5')	Solid	01/13/22 00:00	01/14/22 08:35
380-10224-6	CS-6 (1.5')	Solid	01/13/22 00:00	01/14/22 08:35
880-10224-7	CS-7 (1.5')	Solid	01/13/22 00:00	01/14/22 08:35
30-10224-8	CS-8 (1.5')	Solid	01/13/22 00:00	01/14/22 08:35
30-10224-9	SW-1	Solid	01/13/22 00:00	01/14/22 08:35
80-10224-10	SW-2	Solid	01/13/22 00:00	01/14/22 08:35
80-10224-11	SW-3	Solid	01/13/22 00:00	01/14/22 08:35
80-10224-12	SW-4	Solid	01/13/22 00:00	01/14/22 08:35
80-10224-13	SW-5	Solid	01/13/22 00:00	01/14/22 08:35
30-10224-14	SW-6	Solid	01/13/22 00:00	01/14/22 08:35

22.11

Project	J. J. Jihane sa
Manager	A de la constante de la consta
Mike Carmona	NYTRONMENTAL

	The second secon	***************************************								3:	Additional Comments:	Addition
			×	×		Comp	N/A	×	-	1/13/2022		SW-2
			×	×		Comp	N/A	×	ı	1/13/2022		SW-1
			×	×	-1	Comp	N/A	×	,	1/13/2022	5')	CS-8 (1 5')
			×	×	1	Comp	N/A	×	•	1/13/2022	5')	CS-7 (1 5')
			×	×	_	Comp	N/A	×		1/13/2022	5')	CS-6 (1 5')
			×	×	_	Comp	N/A	×	-	1/13/2022	5')	CS-5 (1 5')
			×	×	-	Comp	N/A	×	-	1/13/2022	5')	CS-4 (1 5')
			×	×	_	Comp	N/A	×	-	1/13/2022	5')	CS-3 (1 5')
			×	×	_	Comp	N/A	×	ı	1/13/2022	5')	CS-2 (1 5')
			×	×	1	Comp	N/A	×	8	1/13/2022	5')	CS-1 (1 5')
			11-1	TDL	# of Cont	Grab/ Comp	Water	Soil	Time	Date	fication	Sample Identification
				i 801	-	13		Corrected Temperature	Corrected	4		Total Containers.
						B	7	Temperature Reading	Temperatu	No MiA	Yes	Sample Custody Seals
					<u> </u>	6	0	Factor	Correction Factor	No (N/A)	Yes	Cooler Custody Seals
			le 30	802°		28	70	ter ID	Thermometer ID	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	(Yes	Received Intact:
					nete	N <sub>o</sub>	(Yey)	) Wet Ice	Yes (No)	Temp Blank		SAMPLE RECEIPT
			. 1451	+ M	rs	) m	lab if received by 4 30pm	lab if rece				PO#:
				RO		d by the	day receive	TAT starts the day received by the		АТ		Sampler's Name
					-	Sinc	48 hours	Due Date		ea Co, NM	Le	Project Location
					Pres. Code		マRush	Routine		215060		Project Number
Q Es	ANALYSIS REQUES						Turn Around	Turn		State 16 Battery	Stat	Project Name
Deli		736	3127	s 432	resource	ells@eog	Todd W	Email/Phone Todd Wells@eogresources 432 312 7736			432-813-0263	Phone 4
Rep		706	TX 797	Midland TX 79706	<b>S</b>	€ ZIP	City State ZIP			706	Midland TX 79706	City, State ZIP N
Stat		s Dr	mpion	5509 Champions Dr	55		Address.			s BLVD	701 Tradewinds BLVD	Address 7
Prog		3	ources	EOG Resources	ш	Name	Company Name			ental	NTG Environmental	Company Name. N
			is	Todd Wells	T	ifferent)	Bill to (if different)				Mike Carmona	Project Manager N

The light of the state of the s							, ,		) 4,	Ď	) } "										
Managest   Ministrations   Ball D of above   B	4	<u> </u>					8		( 	Ĉ	Ĺ					m ———	380-102	24 Cha	in of Custod		
Manager   Make Cammons   Manager   Make Cammons   Manager   Mana	1.5																		Page	_	N
Wilder:   Wilder:   Wilder:   Company Name   Com		/like Carmona				Bill to (if diffe	erent)	Ţ	odd Wel	ls							Work	Orde	Comments		
Same   Project   Indicated IX 79766   Consequences   Address   Columbion Dr.   Columbion		VTG Environmenta				Company N	lame	ш	OG Res	ources					rogran	n UST/PST	PRP	Bro	wnfields	R	a
Asia		01 Tradewinds BL	VD			Address.		55	09 Cha	mpions [	۲				State of	Project	[		(	r	
Additional Comments:	le ZIP	Aidland TX 79706				City State	ZIP	3	idland	TX 7970					Reportir	ng Level II [	] Level				< 
Press		32-813-0263			Email/Phone	Todd We	lls@eogre	source		312 773	စ				Delivera	bles EDD		ADa		)ther	
Mone No	Project Name	State 16	Battery		Turn	Around						ANA		REQL	EST				Presi	ervative Code	ň
Cool Cool   Cool Cool   Cool Cool   Cool Cool	Project Number	215	060		Routine	√Rush	0.79	res.											None NO	DI Water	. Н <sub>2</sub> О
m m m m m m m m m m m m m m m m m m m	Project Location	Lea C	o, NM		Due Date	48 hou	N.S.		)										Cool Cool	MeOH N	∕le
No	Sampler's Name	Α			TAT starts the clab if received	lay received /ed by 4 30pi	by the	; 	MRO										HCL HC	HNO <sub>3</sub> H	Z
Paran  Paran  BTEX 802  Comp  Comp  Comp  Comp  1	SAMPLE RECEIP				Wet Ice	(Yes)	8												H³bo' Hb		
Grab # of Cont HPH H H H H H H H H H H H H H H H H H	Received Intact:	es'		hermomet	er ID	1/6												OLD		NABIS	
Grab # of Grab   # of Grab   # of Comp   Cont	Sample Custody Seals	Yes -		emperatu	e Reading	<i>u</i> ,														VaSO <sub>3</sub>	
Comp Cont  Comp 1 x x x x  Com	Total Containers.	14/		orrected 1	emperature	7		سينست	801			- to the state of							NaOH+Asc	corbic Acid SAF	റ്
Comp	Sample Identi	fication	Date	Time	Soil			ont of	TPI				1.1		· · · · · · · · · · · · · · · · · · ·			<del></del>	Sam	ple Comment	Ø
Comp         1         X	CS-1 (1		13/2022	8	×		-1	_		$\dashv$											
Comp 1 x x x x x Comp 1 x x x x x x x x x x x x x x x x x x	CS-2 (1		13/2022	,	×		Comp														
Comp 1 x x x x x Comp 1 x x x x x x x x x x x x x x x x x x	CS-3 (1		13/2022	-	×		Comp														
Comp 1 x x x x x Comp 1 x x x x x x x x x x x x x x x x x x	CS-4 (1		13/2022		×		Comp	_												111111111111111111111111111111111111111	
Comp 1 x x x x x Comp 1 x x x x x x x x x x x x x x x x x x	CS-5 (1		13/2022	1	×		Comp	_													
Comp 1 x x x x  Comp 1 x x x x	CS-6 (1		13/2022		×		Comp	_										$\dashv$			
Comp 1 x x x x  Comp 1 x x x x	CS-7 (1		13/2022	'	×	L	Comp	1													
Comp 1 x x x x  Comp 1 x x x x	CS-8 (1		13/2022	,	×		Comp			-											
Comp 1 x x x x x x x x x x x x x x x x x x	SW-1	PROTEIN STATE OF THE PROTEIN S	13/2022	,	×		Comp														
client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions losses or expenses incurred by the client if such losses are due to circumstances beyond the control ubmitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.  Date/Time Relinquished by (Signature) Received by: (Signature)	SW-2		13/2022	-	×		Comp	1	-	-											
client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions losses or expenses incurred by the client if such losses are due to circumstances beyond the control ubmitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.  Date/Time Relinquished by (Signature) Received by: (Signature)	Addition	nal Comments:																			
Received by (Signature)  Date/Time Relinquished by (Signature)  Received by: (Signature)	Notice Signature of this do of service Xenco will be li of Xenco. A minimum char	ocument and relinquishr able only for the cost of ge of \$85 00 will be app	nent of sample samples and s led to each pro	s constitute hall not assi oject and a c	s a valid purchas ume any respons harge of \$5 for ea	e order from ibility for any ach sample sı	client compa losses or ex ubmitted to	iny to Xen ipenses in Kenco, but	co, its aff curred by not anal	iliates and / the client yzed. Thes	subcontr if such lo	actors. It as sses are du vill be enford	signs st e to circo	andard t umstance	erms and is beyond is nego	conditions d the control otiated.			And a second sec		
	Ralinquished by	(Signature)		Received	by (Signatu	- Ge	_	Da	te/Time	5	Re	nquished	by (S	ignatu	(e)	Recei	ved by:	(Signa	iture)	Date/Time	(D)

Revised Date 05012020 Rev 2020 1

O

Work Order No: 10 224

ENVIRONMENTAL

Project Manager Mike Carmona

Company Name.

NTG Environmental

701 Tradewinds BLVD

Bill to (it different)
Company Name
Address

Todd Wells

EOG Resources

5509 Champions Dr

State of Project.

Program UST/PST ☐PRP ☐Brownfields ☐RRC

□uperfund □

of 2

Work Order Comments

Address.

City, State ZIP Midland,	Midland, TX 79706			City, State ZIP	ZP		Midland	Midland TX 79706	706					porting	Level	Reporting Level II Level III PST/UST	vel III	□st.		RRRP		☐ Level IV ☐	
Phone 432-813-0263	-0263		Email/Phone Todd Wells@eogresources 432.312 7736	Todd Wel	ls@eog	resourc	es 43	2.312	7736				De	Deliverables	les EDD	ŏ		ADaPT 🗆		Other	1		
Project Name	State 16 Battery		Turn	Turn Around							ANAL	NALYSIS REQUEST	EQUE	ST					ا ب	Preservative Codes	ative (	odes	
Project Number	215060		Routine	✓Rush		Pres. Code		-											None NO	Ó	۷ او ا	DI Water: H <sub>2</sub> O	ŏ
Project Location	Lea Co, NM		Due Date	48 hours	ß														Cool Cool	<u>8</u>	MeC	MeOH Me	
Sampler's Name	АТ		TAT starts the day received by the	day received	by the			RO)		************									HCL HC	ဂ	Į.	HNO, HN	
PO#			lab if recei	lab if received by 4 30pm		rs		+ M		-						kilabeldestand			H <sub>2</sub> S0 <sub>4</sub> H <sub>2</sub>	Ŧ	NaC	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	(Ses)	N <sub>o</sub>	nete	1B	DRO								**********			H³bo' Hb	픇 '			
Received Intact	(Yes) No	Thermometer ID	ter ID	如		ıran	802		e 30										NaHSO	NaHSO, NABIS	Ø		
Cooler Custody Seals	Yes No (N/A)	Correction Factor	Factor	01		Pa	EX		oria	• • • • • • • • • • • • • • • • • • • •								но	Na <sub>2</sub> S <sub>2</sub> O	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>	ပ္		
Sample Custody Seals	Yes No (NIA)	Temperatu	Temperature Reading	8 7			В		Cni										Zn Acet	Zn Acetate+NaOH Zn	연 간		
Total Containers		Corrected	Corrected Temperature	2				801											NaOH+	NaOH+Ascorbic Acid SAPC	ic Acid	SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH					***********		<del></del>				ဖွ	Sample Comments	Comn	nents	
SW-3	1/13/2022	-	×	N/A	Comp		×	×	<u>×</u>				_	_	-				*************				
SW-4	1/13/2022	-	×	N/A	Comp	_	×	×	×														
SW-5	1/13/2022	-	×	N/A	Comp	_	×	×	*														
SW-6	1/13/2022		×	N/A	Comp		×	×	×														
								-	-			-	ļ	_	-								
								-	-	-			-	ļ		1							
							_	_				1	-	-	+	$\top$							$\perp$
			- Carrier - Carr																				
Additional Comments:	nments:														-								
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 \$8.5.00 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	nd relinquishment of sam for the cost of samples an .00 will be applied to each	ples constitute d shall not ass project and a	ss a valid purchas ume any respons charge of \$5 for e	se order from a sibility for any sach sample su	lient com losses or lomitted to	pany to X expenses o Xenco, t	enco, its incurred out not a	affiliates by the c	and sub- lient if su	ontractor ch losses ms will be	s It assi are due t	It assigns standard terms and conditions edue to circumstances beyond the contro forced unless previously negotiated	dard teri stances previous	ns and c beyond t y negoti	ondition the contrated	<u>o</u> .			***************************************		BACCUSSION OF THE PARTY OF		
Refinquished by (Signature)	ure) ()	Received	Received by (Signature)	ıre)			Date/Time	me		Relinquis	shed b	ned by (Signature)	nature		Re	Received by: (Signature)	by: (S	gnatu	re)		Date/Time	Time	
	1	R	Sec	7		7-12	-14-22	30						_									
5								***************************************	0								İ						
									ŀ														

Revised Date 05012020 Rev 2020 1

# **Login Sample Receipt Checklist**

Client: NT Global Job Number: 880-10224-1

SDG Number: Lea County NM

Login Number: 10224 List Number: 1

List Source: Eurofins Midland

Creator: Kramer, Jessica

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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Released to Imaging: 2/10/2022 8:43:16 AM



January 20, 2022

MIKE CARMONA

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: STATE 16 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/19/22 10:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 01/19/2022 Sampling Date: 01/19/2022 Reported: 01/20/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact
Project Number: 215060 Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

#### Sample ID: CS - 1 ( 2' ) (H220206-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2022	ND	1.82	91.1	2.00	0.480	
Toluene*	<0.050	0.050	01/19/2022	ND	1.83	91.3	2.00	1.03	
Ethylbenzene*	<0.050	0.050	01/19/2022	ND	1.89	94.4	2.00	0.878	
Total Xylenes*	<0.150	0.150	01/19/2022	ND	5.71	95.1	6.00	1.42	
Total BTEX	<0.300	0.300	01/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2022	ND	198	99.1	200	0.246	
DRO >C10-C28*	<10.0	10.0	01/19/2022	ND	202	101	200	0.248	
EXT DRO >C28-C36	<10.0	10.0	01/19/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.1	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 01/19/2022 Sampling Date: 01/19/2022

Reported: 01/20/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact Project Number: 215060 Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

#### Sample ID: CS - 2 ( 2' ) (H220206-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2022	ND	1.82	91.1	2.00	0.480	
Toluene*	<0.050	0.050	01/19/2022	ND	1.83	91.3	2.00	1.03	
Ethylbenzene*	<0.050	0.050	01/19/2022	ND	1.89	94.4	2.00	0.878	
Total Xylenes*	<0.150	0.150	01/19/2022	ND	5.71	95.1	6.00	1.42	
Total BTEX	<0.300	0.300	01/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2022	ND	198	99.1	200	0.246	
DRO >C10-C28*	<10.0	10.0	01/19/2022	ND	202	101	200	0.248	
EXT DRO >C28-C36	<10.0	10.0	01/19/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.0	% 59.5-14	2						

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

Cardinal Laboratories



01/19/2022

#### Analytical Results For:

NTG ENVIRONMENTAL MIKE CARMONA 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Sampling Date:

. 4/

01/19/2022

Reported: 01/20/2022 Sampling Type: Soil

Project Name: STATE 16 BATTERY Sampling Condition: Cool & Intact

Project Number: 215060 Sample Received By: Tamara Oldaker
Project Location: EOG - LEA CO NM

Sample ID: CS - 4 ( 2' ) (H220206-03)

Received:

BTEX 8021B	mg,	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2022	ND	1.82	91.1	2.00	0.480	
Toluene*	<0.050	0.050	01/19/2022	ND	1.83	91.3	2.00	1.03	
Ethylbenzene*	<0.050	0.050	01/19/2022	ND	1.89	94.4	2.00	0.878	
Total Xylenes*	<0.150	0.150	01/19/2022	ND	5.71	95.1	6.00	1.42	
Total BTEX	<0.300	0.300	01/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2022	ND	198	99.1	200	0.246	
DRO >C10-C28*	<10.0	10.0	01/19/2022	ND	202	101	200	0.248	
EXT DRO >C28-C36	<10.0	10.0	01/19/2022	ND					
Surrogate: 1-Chlorooctane	93.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.9	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



de la	
Well	
5000	
2000	
Sour	
6	

101 East Marland, Hobbs, NM 88240	s, NM 88240	Todd wells (8)	eogresources	
(575) 393-2326 FAX (5/5) 393-24/6	(5) 393-24(6	BILL TO	ANALYSIS REQUEST	1
ompany Name: MT6		DILL		,
oject Manager: M. Ke Porno	ove	)		
diress: 701 Touck winds	Bluch.	Company: EOG	M150	
N. D	: 1x Zip: 79 706	Attn: 10dd Wells		
hone #: 437 8/3 6263 Fax #:		Address: 5509 Class	ORC ORC	
NIXX C	Project Owner: EOC	City: Midlend	) +1	
Clate // Ray	7/8	State: (x Zip: 797	RO	_
COSE 180	Ce	Phone #: 4323127	136 B	
roject Location: //a (0 /0/0)		Fax #:	1(	
ampler Name: Clay Mesritt	L	PRESERV. SAMPLING		
FOR LAB USE ONLY	MAIRIX	T		
	R		20 C	
Lab I.D. Sample I.D.	AB OR (C)CONTAINERS OUNDWATE STEWATER -	HER: D/BASE: / COOL HER:	3TE Chb	
booch	# CO GRO WAS SOIL OIL	OTH ACIE ICE OTH	TIME	
1 (25-1(2')	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
2CS-2(2')	× >	X	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the applicable places. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the places are completion of the applicable places.	xclusive remedy for any claim arising whether based in contra whatsoever shall be deemed waived unless made in writing a	nd received by Cardinal within 30 days after o	y the client for the omplicable on the client for the applicable of the substitution o	
analyses. All claims including whose no insurger of consequental damages, including without limitation, business interruptions, loss of use, or loss or points including or otherwise. Service. In no event shall Cardinal be liable for including and consequental damages, including without limitation, business interruptions, loss of use, or loss or points including without limitation, business interruptions, loss of use, or loss or points in consequental damages, including without limitation, business interruptions, loss of use, or loss or points in consequental damages, including without limitation, business interruptions, loss of use, or loss or points in consequental damages.	al damages, including without limitation, business interruptions nices hereunder by Cardinal, regardless of whether such clair	m is based upon any of the above stated reas	=	
Relinquished By:	Date: Received By:		re emailed. Please prov	
1	Time:	allact all		
Relinquished By:	Date: Received By:		REMARKS:	
		CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition  Cool Intert Observed Temp. °C	
Delivered By: (Circle One) Obse	_	(Initials)	☐ Yes ☐ Yes	
Sampler - LIPS - Bus - Other: Corre	Corrected Temp. °C 54	40.	Correction Factor -0.5°C No No Corrected Tellip. C	Ĺ

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

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 75315

#### **CONDITIONS**

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	75315
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
chensley	None	2/10/2022