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*Site Information*

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**Closure Report**

**Cleary AKC Federal #1  
Lea County, New Mexico  
Unit J Sec 17 T22S R32E  
32.389602°, -103.694570°**

**Produced Water Release**

**Source: Unknown Release Point**

**Release Date: 11/18/2021**

**Volume Released: Unknown bbls/Produced Water**

**Volume Recovered: 0 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**



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

December 8, 2021

**Re: Closure Report  
Cleary AKC Federal #1  
EOG Resources Inc.  
Site Location: Unit J, S17, T22S, R32E  
(Lat 32.389602°, Long -103.694570°)  
Lea County, New Mexico**

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remediation activities for Cleary AKC Federal #1. The site is located at 32.389602°, -103.694570° within Unit J, S17, T22S, R32E, and approximately 31.30 miles East of Carlsbad, New Mexico, in Lea County (Figures 1 and 2).

### **Background**

The BLM noticed visual staining around the reclaimed area and notified EOG Resources (EOG) to address and remediation accordingly. Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on November 18, 2021. It resulted in the release of an unknown amount of produced water, and zero (0) barrels were recovered. The impacted area measured approximately 120' x 80', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

### **Site Characterization**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water features within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.83 miles Northwest of the site in S7, T22S, R32E. The well has a reported depth to groundwater of 49 feet below ground surface (ft bgs) and was drilled in 2018. A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

### **Regulatory Criteria**

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

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

### **Site Assessment and Trenching**

On November 18, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the release. A total of ten (10) sample points were advanced to depths ranging surface – 6.0 ft bgs within and surrounding the release area to assess the vertical and horizontal extent of potential impacts. The soil sample locations are shown on Figure 3. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to 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.

The areas of (T-1 and T-3) had high chloride concentration values ranging from 13,800 mg/kg to 448 mg/kg at a depth from the surface to 5.0' below the surface. The areas of (S-2/T-2) had a high chloride concentration ranging from 720 mg/kg to 272 mg/kg at a depth of surface to 2.0' below surface. The areas of (T-4) had a high chloride concentration ranging from 1,240 mg/kg to 496 mg/kg at a depth of surface to 4' below surface. (Refer to Table 1)

### **Remediation Activities and Confirmation Sampling**

New Tech Global Environmental personnel were onsite from November 29, 2021, through December 1, 2021, to supervise the remediation activities and collect confirmation samples.

A total of twenty-eight (28) confirmation samples were collected (CS-1 through CS-28), and seventeen (17) sidewall samples (SW-1 through SW-17) were collected every 200 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 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 708 cubic yards of material were excavated and transported offsite for proper disposal.

### **Reclamation**

Reseeding was performed on December 8, 2021. Based on the soils at the site, the BLM Sites Seed Mixture #2 was used and planted in the amount specified in pounds pure live seed (PLS) per acre.

Site inspections will be performed to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective eradication method. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. The BLM seed mixture details and corresponding pounds PLS per acre are included in Appendix A.

### **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



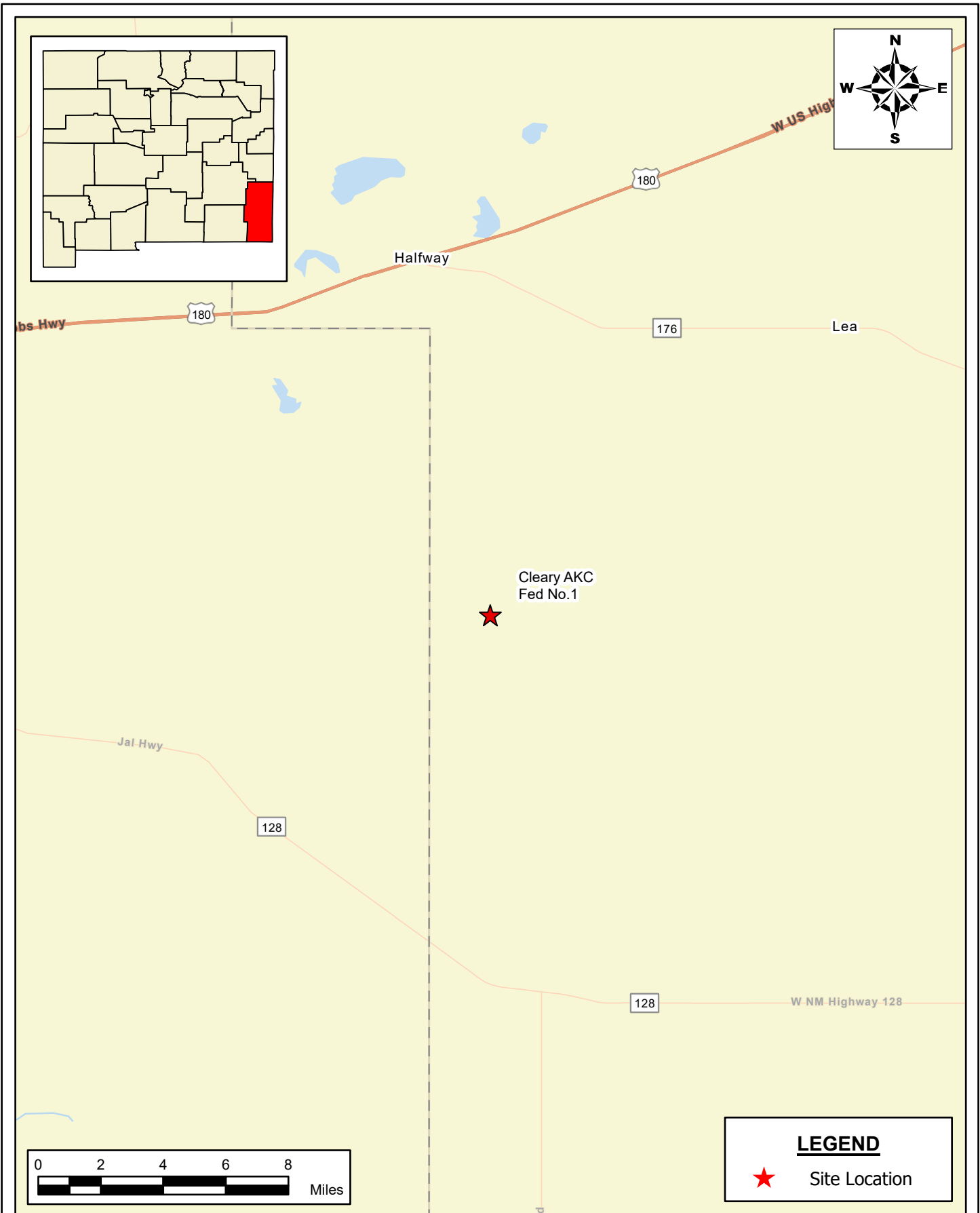
Ashton Thielke  
Project Manager





## *Figures*

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**SITE LOCATION MAP**  
**EOG RESOURCES**  
 CLEARY AKC FED NO.1  
 LEA COUNTY, NEW MEXICO  
 32.389741, -103.694547

SCALE: As Shown    Date: 12/1/2021    PROJECT #: 214918

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



**NOTES:**

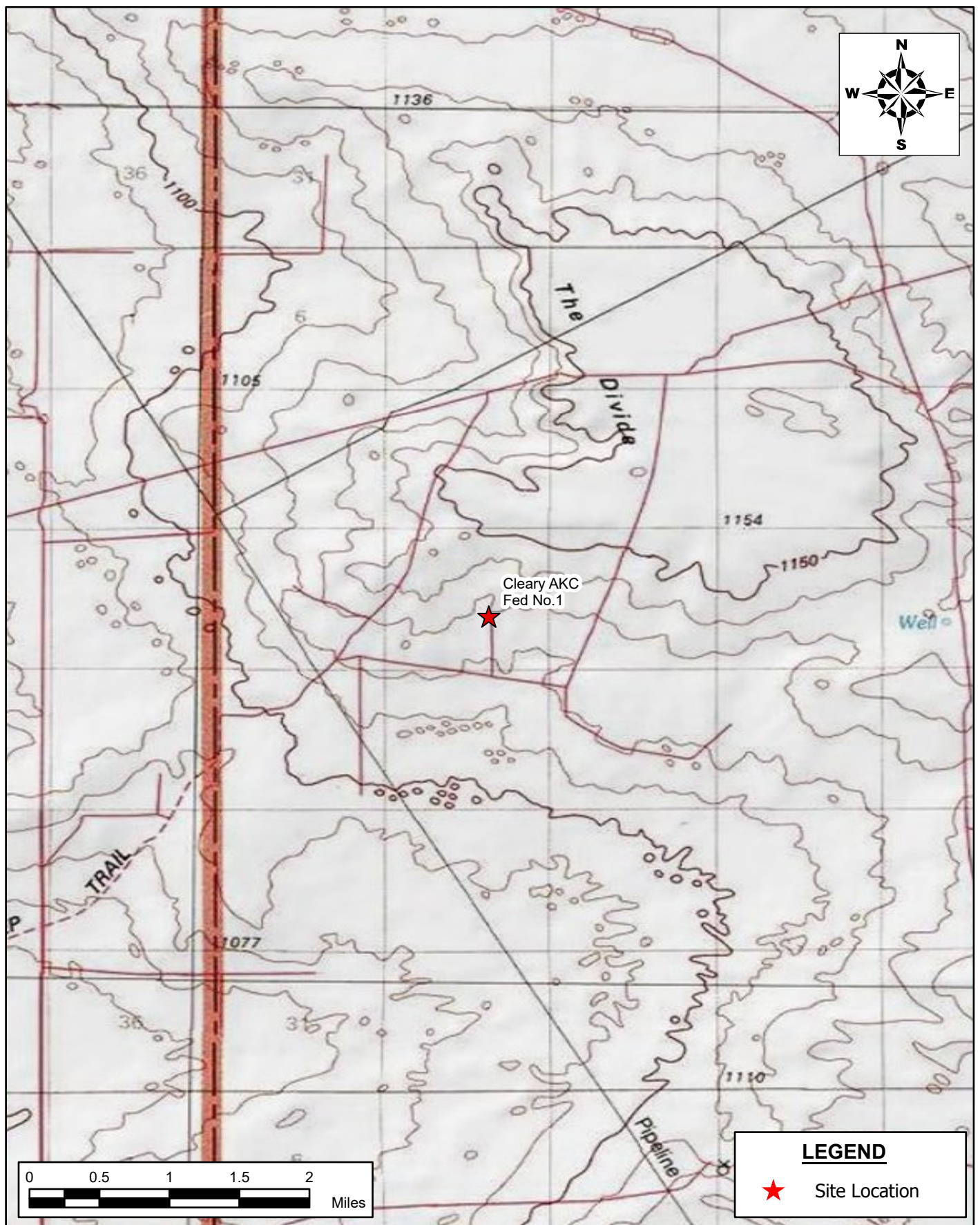
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:


**FIGURE 1**

SHEET NUMBER:

**1 of 1**

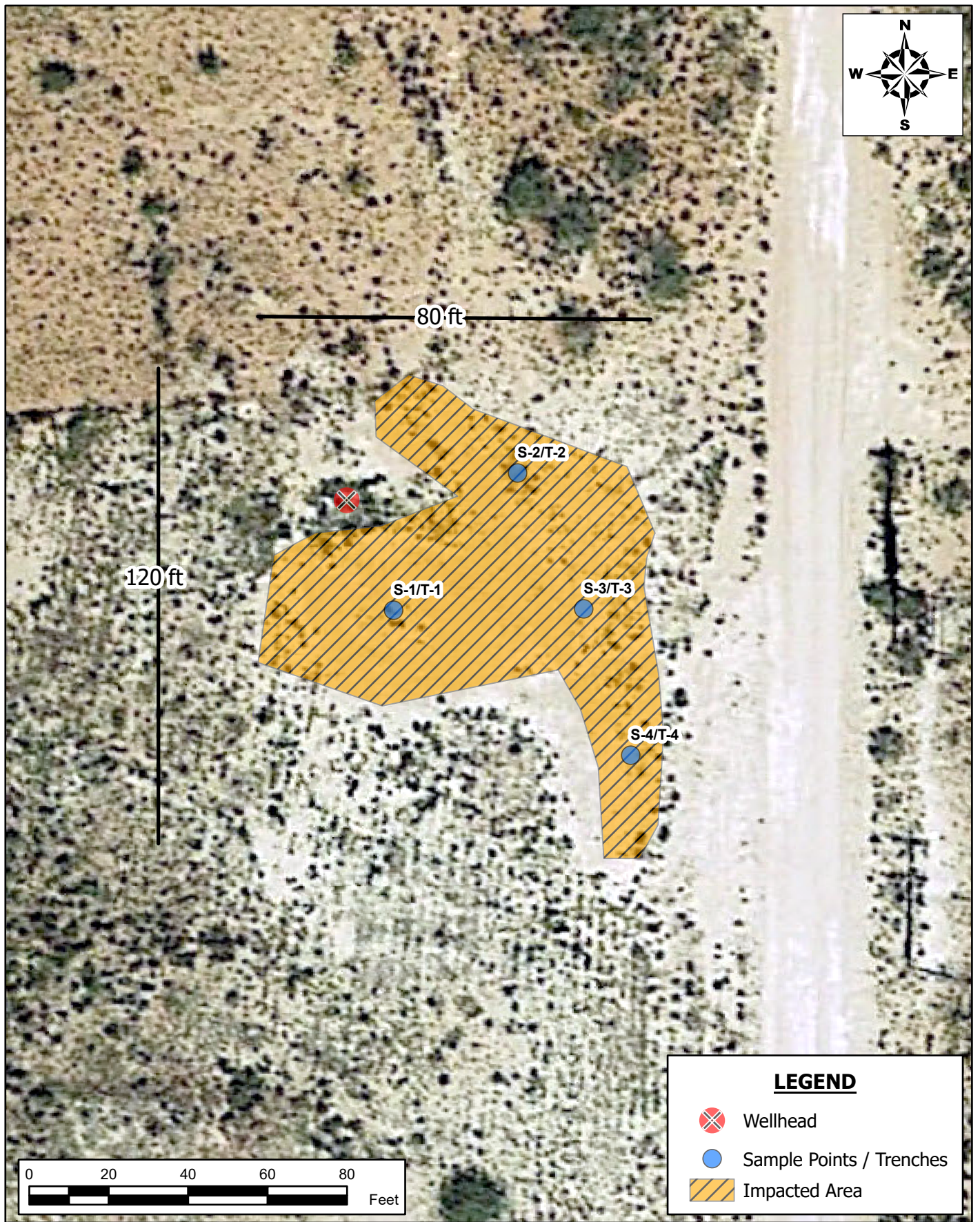


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<p><b>AREA MAP</b>  <b>EOG RESOURCES</b>                  CLEARY AKC FED NO.1                  LEA COUNTY, NEW MEXICO                  32.389741, -103.694547</p>			<p>  <b>New Tech Global Environmental, LLC</b>                  911 Regional Park Drive                  Houston, Texas 77060                  T - 281.872.9300                  F - 281.872.4521                  Web: www.ntglobal.com</p>		<p><b>NOTES:</b>                  1. Base Image: ESRI Maps &amp; Data 2013                  2. Map Projection: NAD 1983 UTM Zone 13N</p>	<p>DRAWING NUMBER:  <b>FIGURE 2</b>                  SHEET NUMBER:  <b>1 of 1</b></p>
SCALE: As Shown	Date: 12/2/2021	PROJECT #: 214918				



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**SAMPLE LOCATION MAP**  
**EOG RESOURCES**  
 CLEARY AKC FED NO. 1  
 LEA COUNTY, NEW MEXICO  
 32.389741, -103.694547

SCALE: As Shown

Date: 12/2/2021

PROJECT #: 214918



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**NOTES:**

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

DRAWING NUMBER:

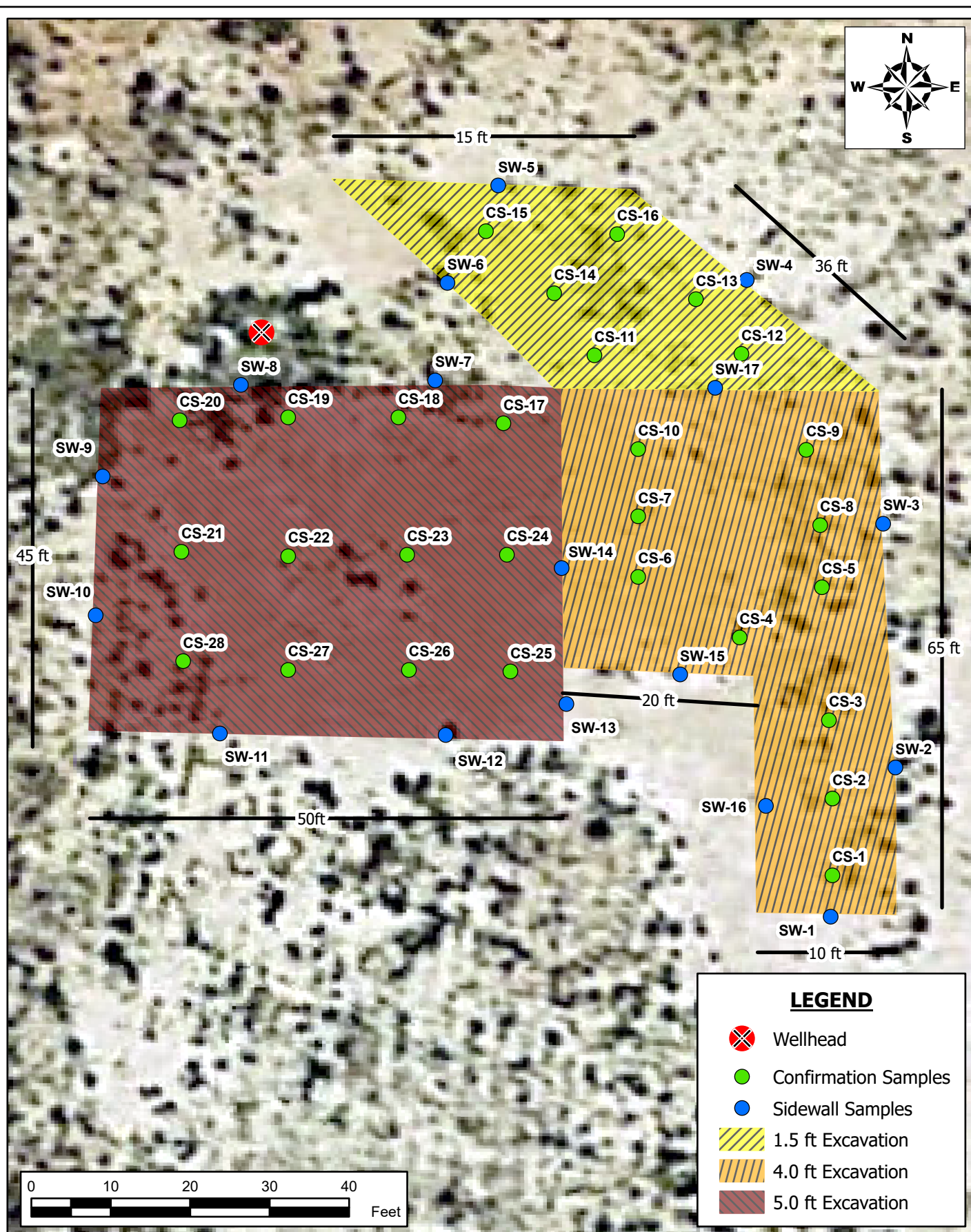
**FIGURE 3**

SHEET NUMBER:

**1 of 1**



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**EXCAVATION DEPTH MAP**  
**EOG RESOURCES**  
 CLEARY AKC FED NO. 1  
 LEA COUNTY, NEW MEXICO  
 32.389741, -103.694547

SCALE: As Shown

Date: 12/3/2021

PROJECT #: 214918



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**NOTES:**

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

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**FIGURE 4**

SHEET NUMBER:

**1 of 1**



## *Tables*

**Table 1**  
**EOG Resources**  
**Cleary AKC Federal #1**  
**Lea County, New Mexico**

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	11/18/2021	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	2,320
	"	1-1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	1,970
	"	2-2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	1,470
	"	3-3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	800
	"	4-4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	1,250
Trench - 1	11/22/2021	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	13,800
	"	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,890
	"	2'	<10.0	37.2	<10.0	37.2	<0.050	<0.050	<0.050	<0.150	<0.300	1,640
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	864
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,580
	"	5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
	"	6'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
S-2	11/18/2021	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	320
	"	1-1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	560
	"	1.5-2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	720
Trench - 2	11/22/2021	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
S-3	11/18/2021	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	592
	"	1-1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	800
	"	2-2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	608
	"	3-3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	1,140
	"	4-4.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	576
Trench - 3	11/22/2021	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	9,730
	"	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	608
	"	5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544
S-4	11/18/2021	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	800
	"	1-1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	816
Trench - 4	11/22/2021	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,240
	"	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	896
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,140
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	976
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
	"	5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384

**Table 1**  
**EOG Resources**  
**Cleary AKC Federal #1**  
**Lea County, New Mexico**

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	11/18/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	288
H-2	11/18/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	32.0
H-3	11/18/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	32.0
H-4	11/18/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	32.0
H-5	11/18/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	32.0
H-6	11/18/2021	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.050	<0.300	16.0
<b>Regulatory Limits <sup>A</sup></b>						<b>100 mg/kg</b>	<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>600 mg/kg</b>

Removed

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet



**Table 2**  
**EOG Resources**  
**Cleary AKC Federal #1**  
**Lea County, New Mexico**

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	12/1/2021	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-2	12/1/2021	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-3	12/1/2021	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-4	12/1/2021	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-5	12/1/2021	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-6	12/1/2021	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-7	12/1/2021	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-8	12/1/2021	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-9	12/1/2021	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-10	12/1/2021	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-11	12/1/2021	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-12	12/1/2021	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-13	12/1/2021	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-14	12/1/2021	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-15	12/1/2021	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-16	12/1/2021	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-17	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-18	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-19	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-20	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-21	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-22	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-23	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-24	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-25	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-26	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-27	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-28	12/1/2021	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208

**Table 2**  
**EOG Resources**  
**Cleary AKC Federal #1**  
**Lea County, New Mexico**

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-2	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-3	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-4	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-5	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-6	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-7	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-8	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-9	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-10	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-11	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-12	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-13	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-14	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-15	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-16	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-17	12/1/2021	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulatory Limits <sup>A</sup>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet



## *Photo Log*

# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 1

**Facility:** Cleary AKC Federal #1

**County:** Lea County, New Mexico

**Description:**

Viewing West, Areas of Confirmation Samples (1-3)



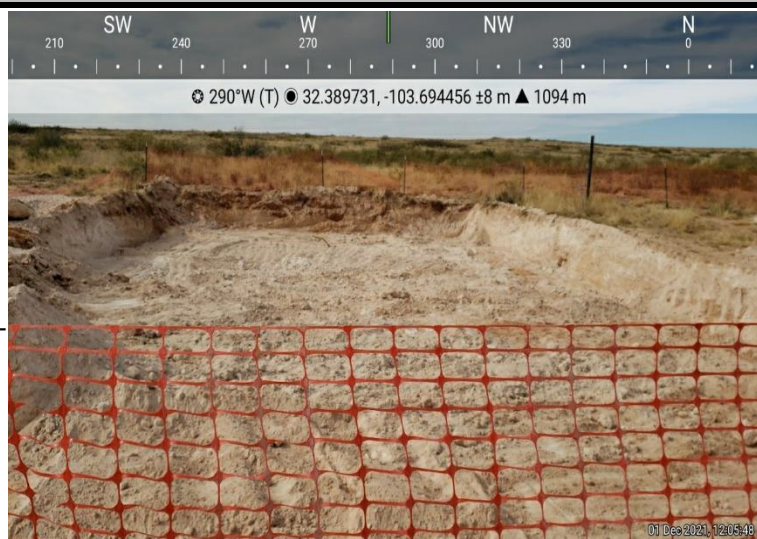
### Photograph No. 2

**Facility:** Cleary AKC Federal #1

**County:** Lea County, New Mexico

**Description:**

Viewing Northeast, Areas of Confirmation Samples (4-10 & 17-28)



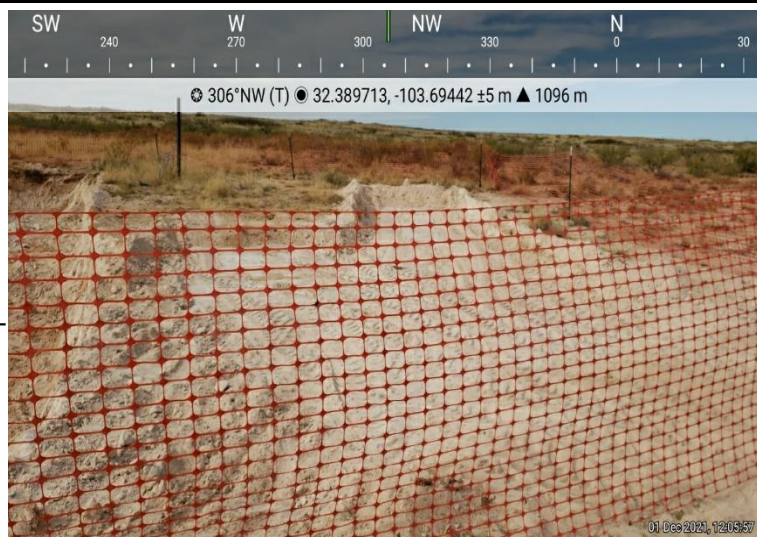
### Photograph No. 3

**Facility:** Cleary AKC Federal #1

**County:** Lea County, New Mexico

**Description:**

Viewing Northeast, Areas of Confirmation Samples (11-16)





# PHOTOGRAPHIC LOG

## EOG Resources

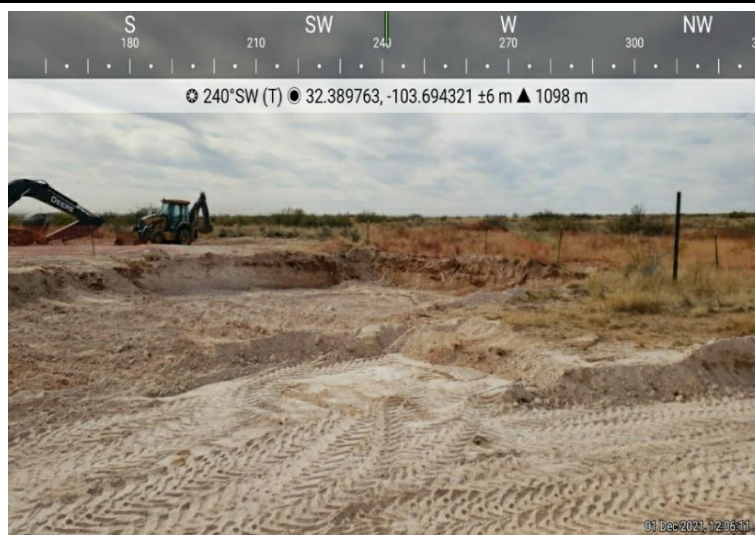
### Photograph No. 4

**Facility:** Cleary AKC Federal #1

**County:** Lea County, New Mexico

**Description:**

Viewing Southwest, Areas of Confirmation Samples (4-12 & 17-28)



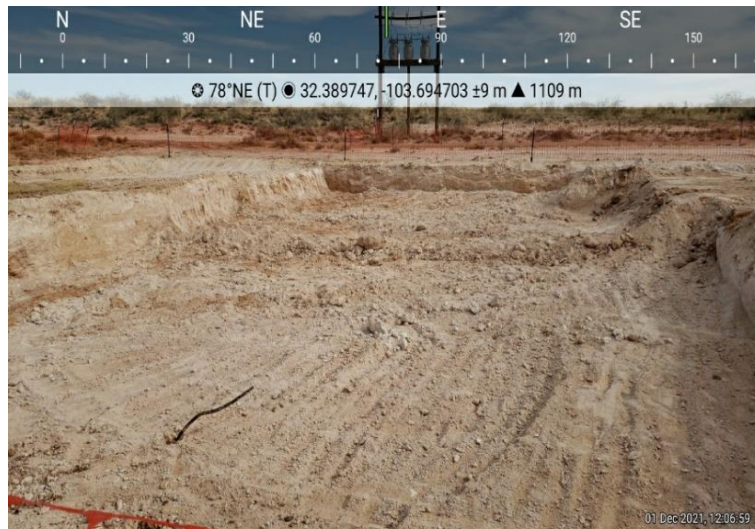
### Photograph No. 5

**Facility:** Cleary AKC Federal #1

**County:** Lea County, New Mexico

**Description:**

Viewing Northeast, Areas of Confirmation Samples (11-16)



### Photograph No. 6

**Facility:** Cleary AKC Federal #1

**County:** Lea County, New Mexico

**Description:**

Viewing Northwest, Completion of Backfill



# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 7

**Facility:** Cleary AKC Federal #1

**County:** Lea County, New Mexico

**Description:**  
Viewing Northwest, Leveling Entire Location



### Photograph No. 8

**Facility:** Cleary AKC Federal #1

**County:** Lea County, New Mexico

**Description:**  
Seed Mixture

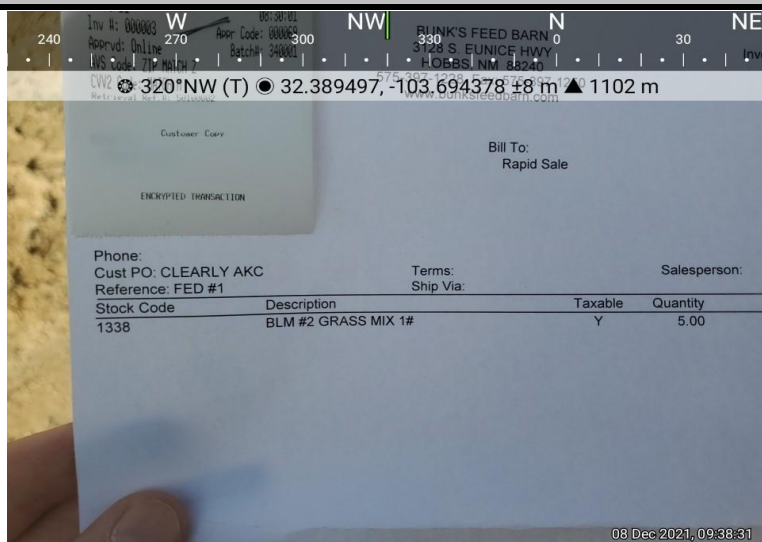


### Photograph No. 9

**Facility:** Cleary AKC Federal #1

**County:** Lea County, New Mexico

**Description:**  
Seed Mixture





## PHOTOGRAPHIC LOG

## EOG Resources

## Photograph No. 10

Facility: Cleary AKC Federal #1

County: Lea County, New Mexico

## Description:

Viewing West, Watering Location After Seeding



## Photograph No. 11

Facility: Cleary AKC Federal #1

County: Lea County, New Mexico

## Description:

Viewing Northwest, Location After Remediation





## *Appendix A*



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

State of New Mexico  
Energy Minerals and Natural  
Resources Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

Incident ID	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name James Kennedy	Contact Telephone (432) 848-9146
Contact email James_Kennedy@eogresources.com	Incident # (assigned by OCD) nAPP2134254895
Contact mailing address 5509 Champions Drive Midland, TX 79706	

### Location of Release Source

Latitude 32.389602° Longitude -103.69457°  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Cleary AKC Federal #1	Site Type Plugged well location
Date Release Discovered 11/18/2021	API# (if applicable) 30-025-24823

Unit Letter	Section	Township	Range	County
J	17	22S	32E	Lea

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

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Unknown volume of assumed produced water released at an unknown time, found during an inspection of a plugged and reclaimed well location for growth.

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Unknown volume.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>James Kennedy</u>	Title: <u>Environmental Specialist</u>
Signature: <u>James Kennedy</u>	Date: <u>12-09-2021</u>
email: <u>James_Kennedy@eogresources.com</u>	Telephone: <u>(432) 848-9146</u>
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	49 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: James Kennedy Title: Environmental Specialist

Signature: James Kennedy Date: 12-09-2021

email: James\_Kennedy @eogresources.com Telephone: (432) 848-9146

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	
District RP	
Facility ID	
Application ID	


## Closure

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

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

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

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

Printed Name: James KennedyTitle: Environmental SpecialistSignature: Date: 12-09-2021email: James\_Kennedy @eogresources.comTelephone: (432) 848-9146

### OCD Only

Received by: Chad HensleyDate: 01/27/2022

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

Closure Approved by: Date: 01/27/2022Printed Name: Chad HensleyTitle: Environmental Specialist Advanced



## *Appendix B*

Map Unit Description: Tonuco loamy fine sand, 0 to 3 percent slopes---Lea County, New Mexico

---

## Lea County, New Mexico

### TF—Tonuco loamy fine sand, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2tw3c

*Elevation:* 3,280 to 4,460 feet

*Mean annual precipitation:* 10 to 16 inches

*Mean annual air temperature:* 59 to 64 degrees F

*Frost-free period:* 180 to 220 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Tonuco and similar soils:* 70 percent

*Minor components:* 30 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Tonuco

##### Setting

*Landform:* Ridges, plains

*Landform position (two-dimensional):* Shoulder

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Convex, linear

*Across-slope shape:* Linear

*Parent material:* Sandy eolian deposits

##### Typical profile

*A - 0 to 12 inches:* loamy fine sand

*Bw - 12 to 17 inches:* loamy sand

*Bkkm - 17 to 39 inches:* cemented material

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 12 to 20 inches to petrocalcic

*Drainage class:* Excessively drained

*Runoff class:* High

*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 2 percent

*Gypsum, maximum content:* 1 percent

*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Very low (about 1.4 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

Map Unit Description: Tonuco loamy fine sand, 0 to 3 percent slopes---Lea County, New Mexico

---

*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: D*  
*Ecological site: R077DY048TX - Shallow 12-17" PZ*  
*Hydric soil rating: No*

### Minor Components

#### Simona

*Percent of map unit: 15 percent*  
*Landform: Ridges, plains*  
*Landform position (two-dimensional): Shoulder*  
*Landform position (three-dimensional): Rise*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Linear*  
*Ecological site: R042XC002NM - Shallow Sandy*  
*Hydric soil rating: No*

#### Berino

*Percent of map unit: 10 percent*  
*Landform: Ridges, plains*  
*Landform position (two-dimensional): Shoulder*  
*Landform position (three-dimensional): Rise*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Linear*  
*Ecological site: R042XC003NM - Loamy Sand*  
*Hydric soil rating: No*

#### Cacique

*Percent of map unit: 5 percent*  
*Landform: Ridges, plains*  
*Landform position (two-dimensional): Shoulder*  
*Landform position (three-dimensional): Rise*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Linear*  
*Ecological site: R042XC004NM - Sandy*  
*Hydric soil rating: No*

## Data Source Information

Soil Survey Area: Lea County, New Mexico  
Survey Area Data: Version 18, Sep 10, 2021



(28)

BLM SERIAL #:

COMPANY REFERENCE:

### 3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)\* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed\* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed ( <i>Sporobolus cryptandrus</i> )	1.0
Sand love grass ( <i>Eragrostis trichodes</i> )	1.0
Plains bristlegrass ( <i>Setaria macrostachya</i> )	2.0

\*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed



## *Appendix C*

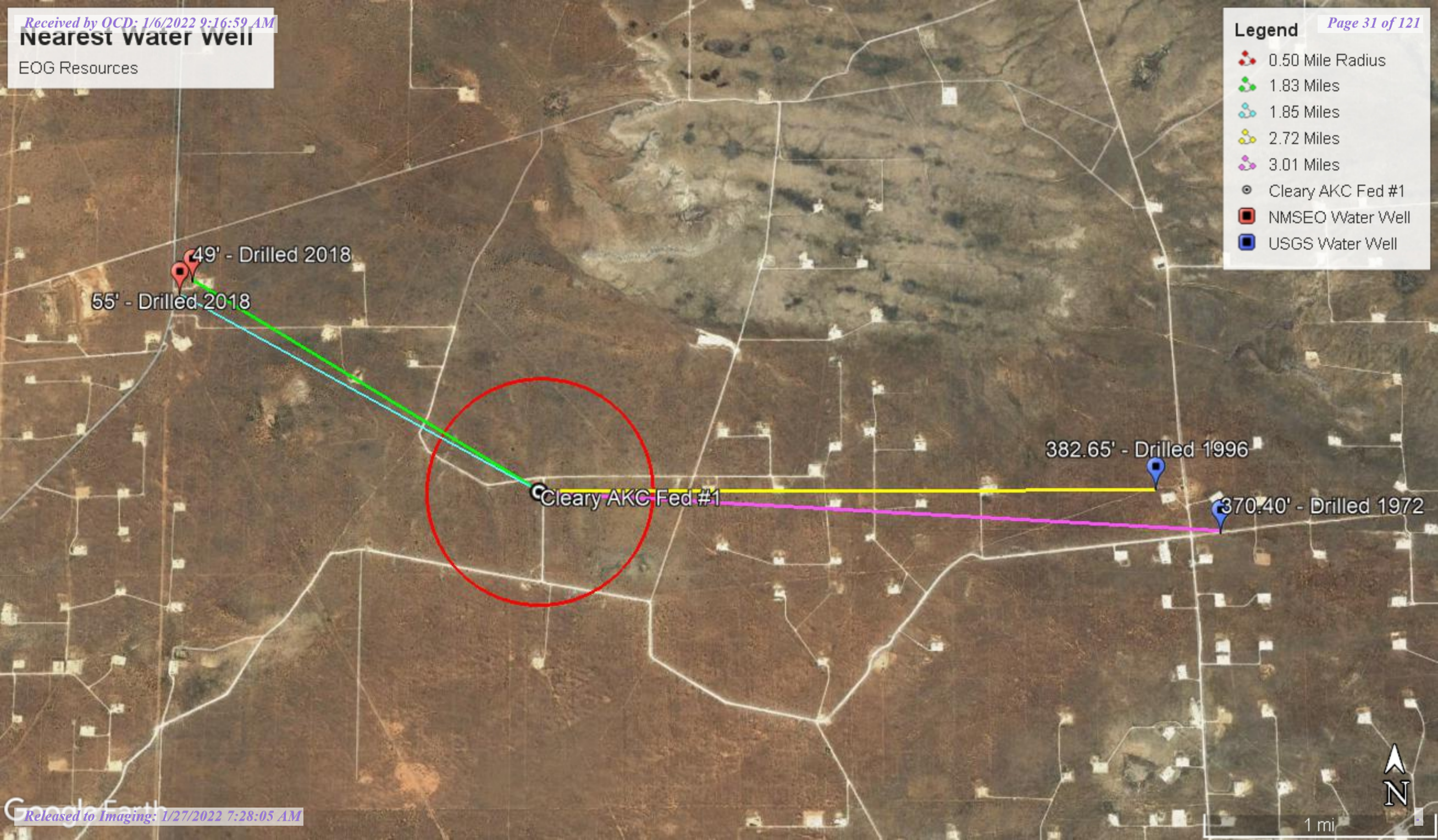


# Nearest water well

EOG Resources

## Legend

- 0.50 Mile Radius
- 1.83 Miles
- 1.85 Miles
- 2.72 Miles
- 3.01 Miles
- Cleary AKC Fed #1
- NMSEO Water Well
- USGS Water Well





# Low Karst

EOG Resources

## Legend

- Cleary AKC Fed #1
- LOW

Cleary AKC Fed #1



3000 ft



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 03717 POD1</a>	C	LE		4	4	1	09	22S	32E	624094	3586365	2385	650		
<a href="#">C 02939</a>	C	LE		3	3	1	19	22S	32E	620234	3583042*	2876	280		
<a href="#">C 04144 POD3</a>	CUB	LE		3	1	3	07	22S	32E	620240	3585842	2939			
<a href="#">C 04144 POD1</a>	CUB	LE		3	1	3	07	22S	32E	620240	3585844	2940	58	49	9
<a href="#">C 04144 POD9</a>	CUB	LE		1	3	3	07	22S	32E	620126	3585667	2958	63	0	63
<a href="#">C 04144 POD4</a>	CUB	LE		3	1	3	07	22S	32E	620200	3585808	2958			
<a href="#">C 04144 POD2</a>	CUB	LE		3	1	3	07	22S	32E	620147	3585768	2986	60	55	5
<a href="#">C 04144 POD10</a>	CUB	LE		2	4	4	12	22S	31E	620089	3585741	3024	67	0	67

Average Depth to Water: **26 feet**

Minimum Depth: **0 feet**

Maximum Depth: **55 feet**

Record Count: 8

UTMNA83 Radius Search (in meters):

**Easting (X):** 622785.13

**Northing (Y):** 3584370.8

**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.

11/18/21 11:51 AM


Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04144 POD2	3	1	3	07	22S	32E	620147	3585768 
Driller License: 1456		Driller Company:				WHITE DRILLING COMPANY			
Driller Name:		ATKINS., WILLIAM B.							
Drill Start Date:	01/30/2018	Drill Finish Date:				01/30/2018		Plug Date:	
Log File Date:	02/15/2018	PCW Rev Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:	2.00	Depth Well:				60 feet		Depth Water:	55 feet
Water Bearing Stratifications:					Top	Bottom	Description		
					52	56	Sandstone/Gravel/Conglomerate		
					56	59	Sandstone/Gravel/Conglomerate		
					59	60	Shale/Mudstone/Siltstone		
Casing Perforations:					Top	Bottom			
					40	60			

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.


11/18/21 11:57 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04144 POD1	3	1	3	07	22S	32E	620240	3585844 
Driller License: 1456		Driller Company:				WHITE DRILLING COMPANY			
Driller Name:		ATKINS., WILLIAM B.							
Drill Start Date:	01/29/2018	Drill Finish Date:				01/30/2018		Plug Date:	
Log File Date:	02/15/2018	PCW Rev Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:	2.00	Depth Well:				58 feet		Depth Water:	49 feet
Water Bearing Stratifications:					Top	Bottom	Description		
					42	54	Sandstone/Gravel/Conglomerate		
					54	56	Sandstone/Gravel/Conglomerate		
					56	58	Shale/Mudstone/Siltstone		
Casing Perforations:					Top	Bottom			
					38	58			

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.

11/18/21 11:52 AM

POINT OF DIVERSION SUMMARY



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**Geographic Area:**  
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Groundwater levels for New Mexico

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**Search Results -- 1 sites found**

Agency code = usgs  
site\_no list =

- 322314103384301

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

**USGS 322314103384301 22S.32E.14.32322**

Lea County, New Mexico  
Latitude 32°23'23", Longitude 103°38'53" NAD27  
Land-surface elevation 3,717.00 feet above NGVD29  
The depth of the well is 435 feet below land surface.  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

**Output formats**

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source measu
1972-09-13		D	62610		3349.20	NGVD29	1	Z		
1972-09-13		D	62611		3350.88	NAVD88	1	Z		
1972-09-13		D	72019	367.80			1	Z		
1976-12-09		D	62610		3347.16	NGVD29	3	Z		
1976-12-09		D	62611		3348.84	NAVD88	3	Z		
1976-12-09		D	72019	369.84			3	Z		
1981-03-10		D	62610		3342.52	NGVD29	3	Z		
1981-03-10		D	62611		3344.20	NAVD88	3	Z		
1981-03-10		D	72019	374.48			3	Z		
1986-04-10		D	62610		3338.56	NGVD29	1	Z		
1986-04-10		D	62611		3340.24	NAVD88	1	Z		
1986-04-10		D	72019	378.44			1	Z		
1996-02-20		D	62610		3334.35	NGVD29	1	S		
1996-02-20		D	62611		3336.03	NAVD88	1	S		



Date	Time	? Water-level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1996-02-20		D	72019	382.65			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	A	Approved for publication -- Processing and review completed.

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**Title: Groundwater for New Mexico: Water Levels**

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



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

Page Last Modified: 2021-11-18 14:04:02 EST

0.29 0.26 nadww02



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**National Water Information System: Web Interface**[USGS Water Resources](#)

**Data Category:**  
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**Geographic Area:**  
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## Search Results -- 1 sites found

**Agency code** = usgs

**site\_no list** =

- 322314103383601

**Minimum number of levels** = 1

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

## USGS 322314103383601 22S.32E.14.32422

Lea County, New Mexico

Latitude 32°23'14", Longitude 103°38'36" NAD27

Land-surface elevation 3,740 feet above NAVD88

The depth of the well is 380 feet below land surface.

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

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1972-09-13		D	62610		3367.92	NGVD29	1	Z		
1972-09-13		D	62611		3369.60	NAVD88	1	Z		
1972-09-13		D	72019	370.40			1	Z		

### Explanation

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

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

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**Title: Groundwater for New Mexico: Water Levels**

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



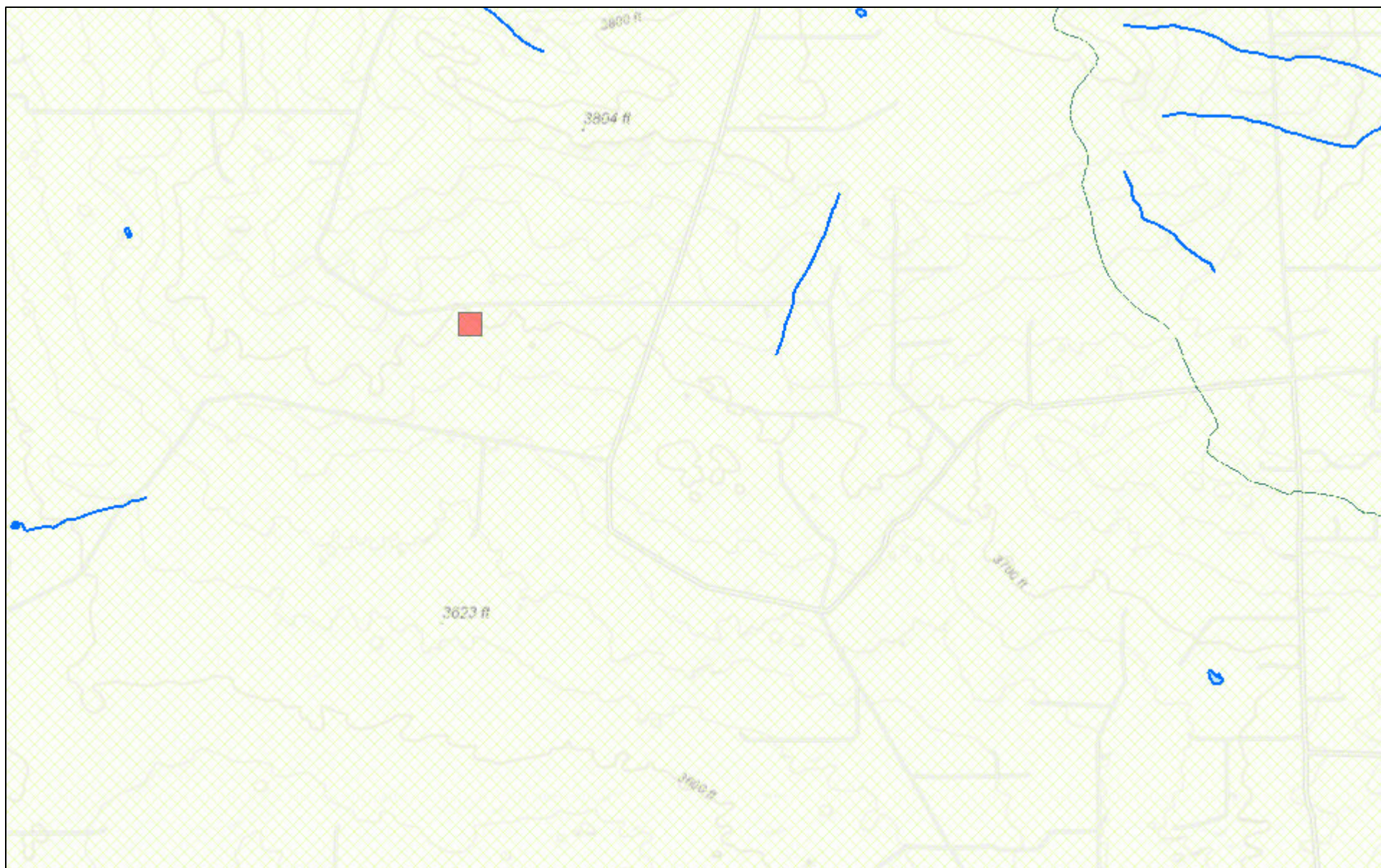
Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2021-11-18 14:01:46 EST

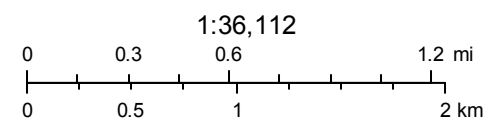
0.29 0.25 nadww02



# New Mexico NFHL Data



November 18, 2021

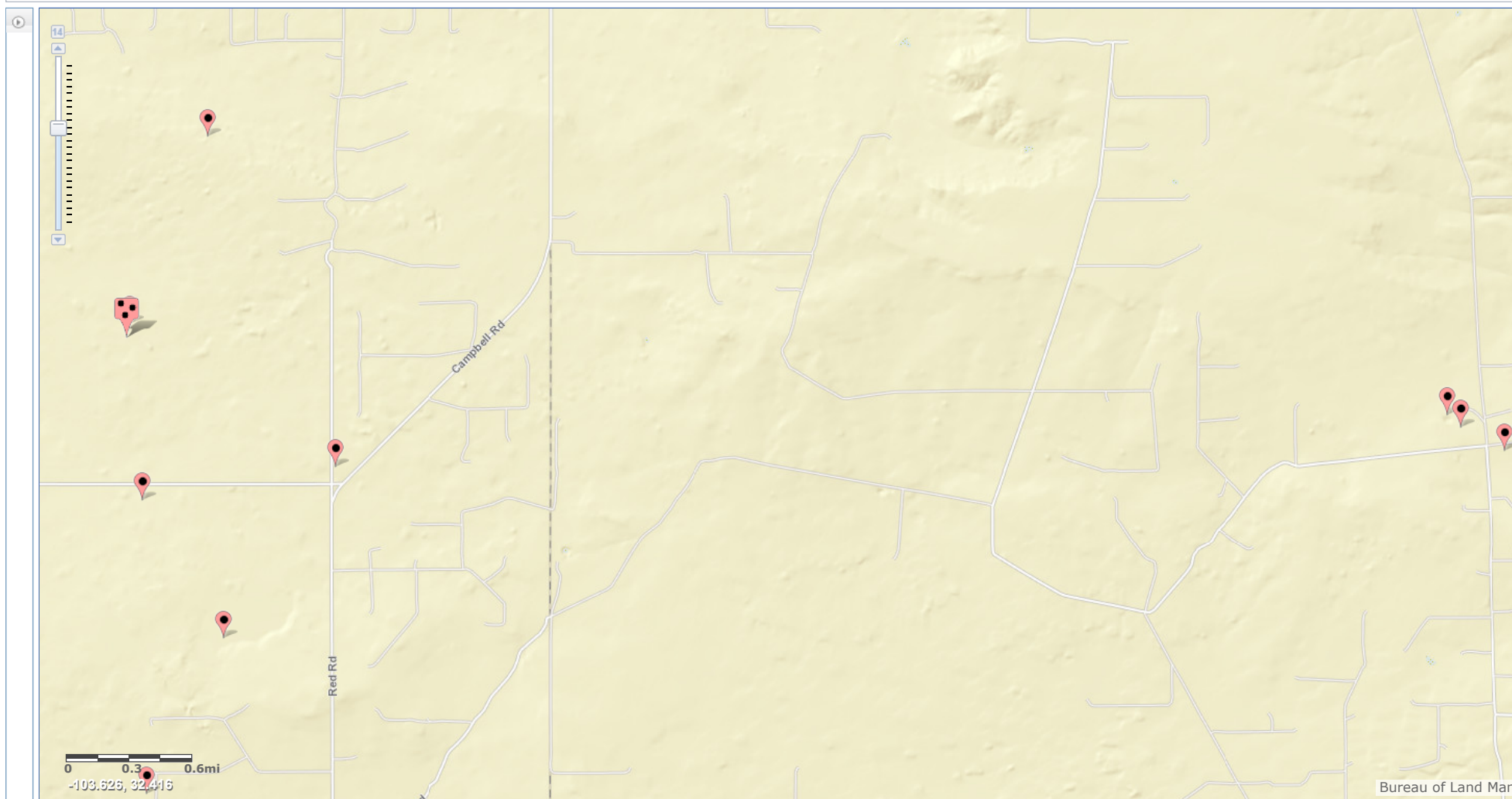


FEMA  
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,





National Water Information System: Mapper



Site Information



## *Appendix D*





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November 19, 2021

MIKE CARMONA

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: CLEARY AKC FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 11/18/21 14:20.

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 1 ( 0-1' ) (H213313-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74	
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10	
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88	
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05	
Total BTEX	<0.300	0.300	11/18/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	11/19/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 82.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.1 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 1 ( 1'-1.5' ) (H213313-02)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTEX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1970	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 80.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 1 ( 2'-2.5' ) (H213313-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTEX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1470	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 1 ( 3'-3.5' ) (H213313-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTEx	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 84.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 1 ( 4'-4.5' ) (H213313-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTEX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1250	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 2 ( 0-1' ) (H213313-06)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTEX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 2 ( 1'-1.5' ) (H213313-07)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTEX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 78.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 3 ( 0-1' ) (H213313-08)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 85.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.5 % 38.9-142

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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 3 ( 1'-1.5' ) (H213313-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTEx	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 86.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 3 ( 2'-2.5' ) (H213313-10)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTEX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 92.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.5 % 38.9-142

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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 3 ( 3'-3.5' ) (H213313-11)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTEX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.4 % 38.9-142

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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 3 ( 4'-4.5' ) (H213313-12)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTEx	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 85.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.1 % 38.9-142

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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 4 ( 0-1' ) (H213313-13)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTEX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.2 % 38.9-142

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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 4 ( 1'-1.5' ) (H213313-14)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 1 ( 0-0.5' ) (H213313-15)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 79.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 2 ( 0-0.5' ) (H213313-16)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/19/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 3 ( 0-0.5' ) (H213313-17)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 4 ( 0-0.5' ) (H213313-18)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74	
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10	
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88	
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05	
Total BTEX	<0.300	0.300	11/18/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.2 % 38.9-142

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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 5 ( 0-0.5' ) (H213313-19)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.5 % 38.9-142

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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 6 ( 0-0.5' ) (H213313-20)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2021	ND	2.08	104	2.00	5.74		
Toluene*	<0.050	0.050	11/18/2021	ND	2.06	103	2.00	5.10		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	2.02	101	2.00	4.88		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	6.11	102	6.00	5.05		
Total BTX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/19/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	191	95.4	200	14.6	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	202	101	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 80.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/18/2021	Sampling Date:	11/18/2021
Reported:	11/19/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 2 ( 1.5'-2' ) (H213313-21)**

BTX 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	11/18/2021	ND	2.06	103	2.00	1.37		
Toluene*	<0.050	0.050	11/18/2021	ND	1.96	97.8	2.00	2.41		
Ethylbenzene*	<0.050	0.050	11/18/2021	ND	1.92	96.2	2.00	2.47		
Total Xylenes*	<0.150	0.150	11/18/2021	ND	5.86	97.7	6.00	2.72		
Total BTX	<0.300	0.300	11/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	11/19/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/18/2021	ND	207	104	200	0.110	
DRO >C10-C28*	<10.0	10.0	11/18/2021	ND	194	96.9	200	0.309	
EXT DRO >C28-C36	<10.0	10.0	11/18/2021	ND					

Surrogate: 1-Chlorooctane 67.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.2 % 38.9-142

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### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: \_\_\_\_\_

Page 1 of 2

Page 24 of 26

Project Manager:		Mike Carmona		Bill to: (if different)		James Kennedy	
Company Name:		NTG Environmental		Company Name:		EOG Resources	
Address:		701 Tradewinds BLVD		Address:		5509 Champions Dr	
City, State ZIP:		Midland, TX 79706		City, State ZIP:		Midland, TX 79706	
Phone:		432-813-0263		Email/Phone:		James_Kennedy@eogresources 432.848.9146	
Project Name:		Cleary AKC Federal #1		Turn Around		Pres. Code	
Project Number:		214918		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush			
Project Location:		Lea Co, NM		Due Date:		24HR	
Sampler's Name:		CM		TAT starts the day received by the lab, if received by 4:30pm			
PO #:				Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
SAMPLE RECEIPT				Thermometer ID:		113	
Received In tact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:		-0.52	
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:		3.62	
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Corrected Temperature:		3.12	
Total Containers:							
Sample Identification		Date		Time		Soil	
S1 (0-1')		11/18/2021				X	
S1 (1'-1.5')		11/18/2021				X	
S1 (2'-2.5')		11/18/2021				X	
S1 (3'-3.5')		11/18/2021				X	
S1 (4'-4.5')		11/18/2021				X	
S2 (0-1')		11/18/2021				X	
S2 (1'-1.5')		11/18/2021				X	
S3 (0-1')		11/18/2021				X	
S3 (1'-1.5')		11/18/2021				X	
S3 (2'-2.5')		11/18/2021				X	
S3 (3'-3.5')		11/18/2021				X	
S3 (4'-4.5')		11/18/2021				X	
S3 (5'-5.5')		11/18/2021				X	
S3 (6'-6.5')		11/18/2021				X	
S3 (7'-7.5')		11/18/2021				X	
S3 (8'-8.5')		11/18/2021				X	
S3 (9'-9.5')		11/18/2021				X	
S3 (10'-10.5')		11/18/2021				X	
S3 (11'-11.5')		11/18/2021				X	
S3 (12'-12.5')		11/18/2021				X	
S3 (13'-13.5')		11/18/2021				X	
S3 (14'-14.5')		11/18/2021				X	
S3 (15'-15.5')		11/18/2021				X	
S3 (16'-16.5')		11/18/2021				X	
S3 (17'-17.5')		11/18/2021				X	
S3 (18'-18.5')		11/18/2021				X	
S3 (19'-19.5')		11/18/2021				X	
S3 (20'-20.5')		11/18/2021				X	
S3 (21'-21.5')		11/18/2021				X	
S3 (22'-22.5')		11/18/2021				X	
S3 (23'-23.5')		11/18/2021				X	
S3 (24'-24.5')		11/18/2021				X	
S3 (25'-25.5')		11/18/2021				X	
S3 (26'-26.5')		11/18/2021				X	
S3 (27'-27.5')		11/18/2021				X	
S3 (28'-28.5')		11/18/2021				X	
S3 (29'-29.5')		11/18/2021				X	
S3 (30'-30.5')		11/18/2021				X	
S3 (31'-31.5')		11/18/2021				X	
S3 (32'-32.5')		11/18/2021				X	
S3 (33'-33.5')		11/18/2021				X	
S3 (34'-34.5')		11/18/2021				X	
S3 (35'-35.5')		11/18/2021				X	
S3 (36'-36.5')		11/18/2021				X	
S3 (37'-37.5')		11/18/2021				X	
S3 (38'-38.5')		11/18/2021				X	
S3 (39'-39.5')		11/18/2021				X	
S3 (40'-40.5')		11/18/2021				X	
S3 (41'-41.5')		11/18/2021				X	
S3 (42'-42.5')		11/18/2021				X	
S3 (43'-43.5')		11/18/2021				X	
S3 (44'-44.5')		11/18/2021				X	
S3 (45'-45.5')		11/18/2021				X	
S3 (46'-46.5')		11/18/2021				X	
S3 (47'-47.5')		11/18/2021				X	
S3 (48'-48.5')		11/18/2021				X	
S3 (49'-49.5')		11/18/2021				X	
S3 (50'-50.5')		11/18/2021				X	
S3 (51'-51.5')		11/18/2021				X	
S3 (52'-52.5')		11/18/2021				X	
S3 (53'-53.5')		11/18/2021				X	
S3 (54'-54.5')		11/18/2021				X	
S3 (55'-55.5')		11/18/2021				X	
S3 (56'-56.5')		11/18/2021				X	
S3 (57'-57.5')		11/18/2021				X	
S3 (58'-58.5')		11/18/2021				X	
S3 (59'-59.5')		11/18/2021				X	
S3 (60'-60.5')		11/18/2021				X	
S3 (61'-61.5')		11/18/2021				X	
S3 (62'-62.5')		11/18/2021				X	
S3 (63'-63.5')		11/18/2021				X	
S3 (64'-64.5')		11/18/2021				X	
S3 (65'-65.5')		11/18/2021				X	
S3 (66'-66.5')		11/18/2021				X	
S3 (67'-67.5')		11/18/2021				X	
S3 (68'-68.5')		11/18/2021				X	
S3 (69'-69.5')		11/18/2021				X	
S3 (70'-70.5')		11/18/2021				X	
S3 (71'-71.5')		11/18/2021				X	
S3 (72'-72.5')		11/18/2021				X	
S3 (73'-73.5')		11/18/2021				X	
S3 (74'-74.5')		11/18/2021				X	
S3 (75'-75.5')		11/18/2021				X	
S3 (76'-76.5')		11/18/2021				X	
S3 (77'-77.5')		11/18/2021				X	
S3 (78'-78.5')		11/18/2021				X	
S3 (79'-79.5')		11/18/2021				X	
S3 (80'-80.5')		11/18/2021				X	
S3 (81'-81.5')		11/18/2021				X	
S3 (82'-82.5')		11/18/2021				X	
S3 (83'-83.5')		11/18/2021				X	
S3 (84'-84.5')		11/18/2021				X	
S3 (85'-85.5')		11/18/2021				X	
S3 (86'-86.5')		11/18/2021				X	
S3 (87'-87.5')		11/18/2021				X	
S3 (88'-88.5')		11/18/2021				X	
S3 (89'-89.5')		11/18/2021				X	
S3 (90'-90.5')		11/18/2021				X	
S3 (91'-91.5')		11/18/2021				X	
S3 (92'-92.5')		11/18/2021				X	
S3 (93'-93.5')		11/18/2021				X	
S3 (94'-94.5')		11/18/2021				X	
S3 (95'-95.5')		11/18/2021				X	
S3 (96'-96.5')		11/18/2021				X	
S3 (97'-97.5')		11/18/2021				X	
S3 (98'-98.5')		11/18/2021				X	
S3 (99'-99.5')		11/18/2021				X	
S3 (100'-100.5')		11/18/2021				X	
S3 (101'-101.5')		11/18/2021				X	
S3 (102'-102.5')		11/18/2021				X	
S3 (103'-103.5')		11/18/2021				X	
S3 (104'-104.5')		11/18/2021				X	
S3 (105'-105.5')		11/18/2021				X	
S3 (106'-106.5')		11/18/2021				X	
S3 (107'-107.5')		11/18/2021				X	
S3 (108'-108.5')		11/18/2021				X	
S3 (109'-109.5')		11/18/2021				X	
S3 (110'-110.5')		11/18/2021				X	
S3 (111'-111.5')		11/18/2021				X	
S3 (112'-112.5')		11/18/2021				X	
S3 (113'-113.5')		11/18/2021				X	
S3 (114'-114.5')		11/18/2021				X	
S3 (115'-115.5')		11/18/2021				X	
S3 (116'-116.5')		11/18/2021				X	
S3 (117'-117.5')		11/18/2021				X	
S3 (118'-118.5')		11/18/2021				X	
S3 (119'-119.5')		11/18/2021				X	
S3 (120'-120.5')		11/18/2021				X	
S3 (121'-121.5')		11/18/2021				X	
S3 (122'-122.5')		11/18/2021				X	
S3 (123'-123.5')		11/18/2021				X	
S3 (124'-124.5')		11/18/2021				X	
S3 (125'-125.5')		11/18/2021				X	
S3 (126'-126.5')		11/18/2021				X	
S3 (127'-127.5')		11/18/2021				X	
S3 (128'-128.5')		11/18/2021				X	
S3 (129'-129.5')		11/18/2021				X	
S3 (130'-130.5')		11/18/2021				X	
S3 (131'-131.5')		11/18/2021				X	
S3 (132'-132.5')		11/18/2021				X	
S3 (133'-133.5')		11/18/2021				X	
S3 (134'-134.5')		11/18/2021				X	
S3 (135'-135.5')		11/18/2021				X	
S3 (136'-136.5')		11/18/2021				X	
S3 (137'-137.5')		11/18/2021				X	
S3 (138'-138.5')		11/18/2021				X	
S3 (139'-139.5')		11/18/2021				X	
S3 (140'-140.5')		11/18/2021				X	
S3 (141'-141.5')		11/18/2021				X	
S3 (142'-142.5')		11/18/2021				X	
S3 (143'-143.5')		11/18/2021				X	
S3 (144'-144.5')		11/18/2021				X	
S3 (145'-145.5')		11/18/2021				X	
S3 (146'-146.5')		11/18/2021				X	
S3 (147'-147.5')		11/18/2021				X	
S3 (148'-148.5')		11/18/2021				X	
S3 (149'-149.5')		11/18/2021				X	
S3 (150'-150.5')		11/18/2021				X	
S3 (151'-151.5')		11/18/2021				X	
S3 (152'-152.5')		11/18/2021				X	
S3 (153'-153.5')		11/18/2021				X	
S3 (154'-154.5')		11/18/2021				X	
S3 (155'-155.5')		11/18/2021				X	
S3 (156'-156.5')		11/18/2021				X	
S3 (157'-157.5')		11/18/2021				X	
S3 (158'-158.5')		11/18/2021				X	
S3 (159'-159.5')		11/18/2021				X	
S3 (160'-160.5')		11/18/2021				X	
S3 (161'-161.5')		11/18/2021				X	
S3 (162'-162.5')		11/18/2021				X	
S3 (163'-163.5')		11/18/2021				X	
S3 (164'-164.5')		11/18/2021				X	
S3 (165'-165.5')		11/18/2021				X	
S3 (166'-166.5')		11/18/2021				X	
S3 (167'-167.5')		11/18/2021				X	
S3 (168'-168.5')		11/18/2021				X	
S3 (169'-169.5')		11/18/2021				X	
S3 (170'-170.5')		11/18/2021				X	
S3 (171'-171.5')		11/18/2021				X	
S3 (172'-172.5')		11/18/2021				X	
S3 (173'-173.5')		11/18/2021				X	
S3 (174'-174.5')		11/18/2021				X	
S3 (175'-175.5')		11/18/2021				X	
S3 (176'-176.5')		11/18/2021				X	
S3 (177'-177.5')		11/18/2021				X	
S3 (178'-178.5')		11/18/2021				X	
S3 (179'-179.5')		11/18/2021				X	
S3 (180'-180.5')		11/18/2021				X	
S3 (181'-181.5')		11/18/2021				X	
S3 (182'-182.5')		11/18/2021				X	
S3 (183'-183.5')		11/18/2021				X	
S3 (184'-184.5')		11/18/2021				X	
S3 (185'-185.5')		11/18/2021				X	
S3 (186'-186.5')		11/18/2021				X	
S3 (187'-187.5')		11/18/2021				X	
S3 (188'-188.5')		11/18/2021				X	
S3 (189'-189.5')		11/18/2021				X	
S3 (190'-190.5')		11/18/					





Chain of Custody

Work Order No: \_\_\_\_\_

Page 2 of 2

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Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, TX 79706
Phone:	432-813-0263	Email/Phone:	James_Kennedy@eogresources 432.848.9146

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> JRC <input type="checkbox"/> Jperfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Cleary AKC Federal #1	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	214918	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush															None: NO	DI Water: H <sub>2</sub> O
Project Location:	Lea Co. NM	Due Date:	24HR														Cool: Cool	MeOH: Me
Sampler's Name:	CM	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO <sub>3</sub> : HN
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT		Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113												H <sub>3</sub> PO <sub>4</sub> : HP	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.52														NaHSO <sub>4</sub> : NABIS	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.62														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Total Containers:		Corrected Temperature:	3.12														Zn Acetate+NaOH: Zn	
																	NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH													Sample Comments
S3 (3-3.5)	11/18/2021	-	X	N/A	G	1	X	X	X											H213313-11
S3 (4-4.5)	11/18/2021	-	X	N/A	G	1	X	X	X											12
S4 (0-1)	11/18/2021	-	X	N/A	G	1	X	X	X											13
S4 (1-1.5)	11/18/2021	-	X	N/A	G	1	X	X	X											14
H-1 (0-0.5)	11/18/2021	-	X	N/A	G	1	X	X	X											15
H-2 (0-0.5)	11/18/2021		X	N/A	G	1	X	X	X											16
H-3 (0-0.5)	11/18/2021	-	X	N/A	G	1	X	X	X											17
H-4 (0-0.5)	11/18/2021	-	X	N/A	G	1	X	X	X											18
H-5 (0-0.5)	11/18/2021	-	X	N/A	G	1	X	X	X											19
H-6 (0-0.5)	11/18/2021	-	X	N/A	G	1	X	X	X											20

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>James Kennedy</i>	11-18-21 1420			





## Chain of Custody

**Work Order No.:**

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[illegible]





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

December 02, 2021

MIKE CARMONA

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: CLEARY AKC FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 12/01/21 13:20.

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 1 ( 4' ) (H213433-01)**

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	12/01/2021	ND	2.00	100	2.00	9.36		
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/02/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.3 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 2 ( 4' ) (H213433-02)**

BTX 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	12/01/2021	ND	2.00	100	2.00	9.36	
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 91.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 3 ( 4' ) (H213433-03)**

BTX 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	12/01/2021	ND	2.00	100	2.00	9.36	
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.2 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 4 ( 4' ) (H213433-04)**

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	12/01/2021	ND	2.00	100	2.00	9.36		
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.2 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 5 ( 4' ) (H213433-05)**

BTX 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	12/01/2021	ND	2.00	100	2.00	9.36	
Toluene*	<0.050	0.050	12/01/2021	ND	1.98	99.1	2.00	7.01	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.7	2.00	6.27	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	6.92	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

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	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 91.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 6 ( 4' ) (H213433-06)**

BTX 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	12/01/2021	ND	2.04	102	2.00	8.42	
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 7 ( 4' ) (H213433-07)**

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	12/01/2021	ND	2.04	102	2.00	8.42		
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5		
Total BTEx	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.1 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 8 ( 4' ) (H213433-08)**

BTX 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	12/01/2021	ND	2.04	102	2.00	8.42	
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.2 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 9 ( 4' ) (H213433-09)**

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	12/01/2021	ND	2.04	102	2.00	8.42		
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.5 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 10 ( 4' ) (H213433-10)**

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	12/01/2021	ND	2.04	102	2.00	8.42	
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5	
Total BTEx	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 78.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 11 ( 1.5' ) (H213433-11)**

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	12/01/2021	ND	2.04	102	2.00	8.42	
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5	
Total BTEX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 12 ( 1.5' ) (H213433-12)**

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	12/01/2021	ND	2.04	102	2.00	8.42		
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 84.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.5 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 13 ( 1.5' ) (H213433-13)**

BTX 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	12/01/2021	ND	2.04	102	2.00	8.42	
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 14 ( 1.5' ) (H213433-14)**

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	12/01/2021	ND	2.04	102	2.00	8.42		
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5		
Total BTEX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 15 ( 1.5' ) (H213433-15)**

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	12/01/2021	ND	2.04	102	2.00	8.42		
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5		
Total BTEx	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

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	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	183	91.7	200	6.62	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	196	97.9	200	5.05	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 16 ( 1.5' ) (H213433-16)**

BTX 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	12/01/2021	ND	2.04	102	2.00	8.42	
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 124 % 44.3-133

Surrogate: 1-Chlorooctadecane 128 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 17 ( 5' ) (H213433-17)**

BTX 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	12/01/2021	ND	2.04	102	2.00	8.42	
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5	
Total BTX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 97.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.3 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 18 ( 5' ) (H213433-18)**

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	12/01/2021	ND	2.04	102	2.00	8.42	
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5	
Total BTEx	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 98.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 19 ( 5' ) (H213433-19)**

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	12/01/2021	ND	2.04	102	2.00	8.42	
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5	
Total BTEx	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 117 % 44.3-133

Surrogate: 1-Chlorooctadecane 117 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 20 ( 5' ) (H213433-20)**

BTX 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	12/01/2021	ND	2.04	102	2.00	8.42		
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5		
Total BTX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.5 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 21 ( 5' ) (H213433-21)**

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	12/01/2021	ND	2.04	102	2.00	8.42		
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5		
Total BTEx	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

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	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 91.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 22 ( 5' ) (H213433-22)**

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	12/01/2021	ND	2.04	102	2.00	8.42		
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5		
Total BTEx	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/02/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 128 % 44.3-133

Surrogate: 1-Chlorooctadecane 129 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 23 ( 5' ) (H213433-23)**

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	12/01/2021	ND	2.04	102	2.00	8.42	
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5	
Total BTEx	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/02/2021	ND	400	100	400	3.92	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 24 ( 5' ) (H213433-24)**

BTX 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	12/01/2021	ND	2.04	102	2.00	8.42	
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4	
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5	
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5	
Total BTEX	<0.300	0.300	12/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 96.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 25 ( 5' ) (H213433-25)**

BTX 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	12/01/2021	ND	2.04	102	2.00	8.42		
Toluene*	<0.050	0.050	12/01/2021	ND	2.00	100	2.00	10.4		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.98	98.8	2.00	11.5		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	6.02	100	6.00	11.5		
Total BTX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	213	106	200	13.3		
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	224	112	200	13.4		
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND						

Surrogate: 1-Chlorooctane 91.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 26 ( 5' ) (H213433-26)**

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	12/01/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/01/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	5.97	99.5	6.00	3.44		
Total BTEx	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/02/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 74.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 27 ( 5' ) (H213433-27)**

BTX 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	12/01/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/01/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	5.97	99.5	6.00	3.44		
Total BTX	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 28 ( 5' ) (H213433-28)**

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	12/01/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/01/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/01/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/01/2021	ND	5.97	99.5	6.00	3.44		
Total BTEx	<0.300	0.300	12/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 73.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 1 (H213433-29)**

BTX 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	12/02/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44		
Total BTX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 2 (H213433-30)**

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	12/02/2021	ND	2.07	104	2.00	3.71	
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44	
Total BTEx	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

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	12/02/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 76.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 3 (H213433-31)**

BTX 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	12/02/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44		
Total BTX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 79.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 4 (H213433-32)**

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	12/02/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44		
Total BTEX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 5 (H213433-33)**

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	12/02/2021	ND	2.07	104	2.00	3.71	
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44	
Total BTEx	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

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	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.4 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 6 (H213433-34)**

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	12/02/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/02/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 7 (H213433-35)**

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	12/02/2021	ND	2.07	104	2.00	3.71	
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44	
Total BTEx	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

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	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 82.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 8 (H213433-36)**

BTX 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	12/02/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44		
Total BTX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 9 (H213433-37)**

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	12/02/2021	ND	2.07	104	2.00	3.71	
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44	
Total BTEx	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

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	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 10 (H213433-38)**

BTX 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	12/02/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44		
Total BTX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 11 (H213433-39)**

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	12/02/2021	ND	2.07	104	2.00	3.71	
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44	
Total BTEx	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

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	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 90.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 12 (H213433-40)**

BTX 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	12/02/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44		
Total BTX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

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	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 13 (H213433-41)**

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	12/02/2021	ND	2.07	104	2.00	3.71	
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44	
Total BTEx	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

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	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.5 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 14 (H213433-42)**

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	12/02/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/01/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/01/2021	ND					

Surrogate: 1-Chlorooctane 77.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.5 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 15 (H213433-43)**

BTX 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	12/02/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44		
Total BTX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/02/2021	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.0 % 38.9-142

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**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 16 (H213433-44)**

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	12/02/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/02/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.6 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	12/01/2021	Sampling Date:	12/01/2021
Reported:	12/02/2021	Sampling Type:	Soil
Project Name:	CLEARY AKC FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	214918	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 17 (H213433-45)**

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	12/02/2021	ND	2.07	104	2.00	3.71		
Toluene*	<0.050	0.050	12/02/2021	ND	1.99	99.5	2.00	3.89		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	1.95	97.5	2.00	3.82		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	5.97	99.5	6.00	3.44		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

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	12/02/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	206	103	200	5.74	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	185	92.3	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.1 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager





## Chain of Custody

Work Order No:

H213433

Page 1 of 5

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds Blvd	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, TX 79706
Phone:	432-813-0263	Email/Phone:	James_Kennedy@eogresources 432.848.9146

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Unperfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Cleary AKC Federal #1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number:	214918																	None: NO	DI Water: H <sub>2</sub> O		
Project Location:	Lea Co, NM	Due Date:	24HR															Cool: Cool	MeOH: Me		
Sampler's Name:	ES	TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO <sub>3</sub> : HN		
PO #:																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP			
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-1 (4)	12/1/2021	-	X	-	-	C	1	X	X	X	X	X	X	X	X	X	X				
CS-2 (4)	12/1/2021	-	X	-	-	C	1	X	X	X	X	X	X	X	X	X	X				
CS-3 (4)	12/1/2021	-	X	-	-	C	1	X	X	X	X	X	X	X	X	X	X				
CS-4 (4)	12/1/2021	-	X	-	-	C	1	X	X	X	X	X	X	X	X	X	X				
CS-5 (4)	12/1/2021	-	X	-	-	C	1	X	X	X	X	X	X	X	X	X	X				
CS-6 (4)	12/1/2021	-	X	-	-	C	1	X	X	X	X	X	X	X	X	X	X				
CS-7 (4)	12/1/2021	-	X	-	-	C	1	X	X	X	X	X	X	X	X	X	X				
CS-8 (4)	12/1/2021	-	X	-	-	C	1	X	X	X	X	X	X	X	X	X	X				
CS-9 (4)	12/1/2021	-	X	-	-	C	1	X	X	X	X	X	X	X	X	X	X				
CS-10 (4)	12/1/2021	-	X	-	-	C	1	X	X	X	X	X	X	X	X	X	X				

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12-1-21 1320			





## Chain of Custody

Work Order No.:

4213433

Page 2 of 5

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds Blvd	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, TX 79706
Phone:	432-813-0263	Email/Phone:	James.Kennedy@eogresources 432.848.9146

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Cleary AKC Federal #1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	214918	Due Date:	24HR		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	ES				
PO #:					
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.5%	Temperature Reading:	1.7%
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	1.7%	Corrected Temperature:	1.2%
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Total Containers:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-11 (1.5')	12/1/2021	-	X	-	C	1	X	X	X	
CS-12 (1.5')	12/1/2021	-	X	-	C	1	X	X	X	
CS-13 (1.5')	12/1/2021	-	X	-	C	1	X	X	X	
CS-14 (1.5')	12/1/2021	-	X	-	C	1	X	X	X	
CS-15 (1.5')	12/1/2021	-	X	-	C	1	X	X	X	
CS-16 (1.5')	12/1/2021	-	X	-	C	1	X	X	X	
CS-17 (5')	12/1/2021	-	X	-	C	1	X	X	X	
CS-18 (5')	12/1/2021	-	X	-	C	1	X	X	X	
CS-19 (5')	12/1/2021	-	X	-	C	1	X	X	X	
CS-20 (5')	12/1/2021	-	X	-	C	1	X	X	X	

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12-1-21 1320			





## Chain of Custody

Work Order No: 4213433Page 3 of 5

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds Blvd	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, TX 79706
Phone:	432-813-0263	Email/Phone:	James.Kennedy@eogresources 432.848.9146

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Cleary AKC Federal #1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	214918																None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Lea Co. NM	Due Date:	24HR														Cool: Cool	MeOH: Me	
Sampler's Name:	ES	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO <sub>3</sub> : HN	
PO #:																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	
<b>Sample Identification</b>	<b>Date</b>	<b>Time</b>	<b>Soil</b>	<b>Water</b>	<b>Grab/Comp</b>	<b># of Cont</b>													<b>Sample Comments</b>
CS-21 (5)	12/1/2021	-	X	-	C	1	X	X	X	X	X	X	X	X	X	X			
CS-22 (5)	12/1/2021	-	X	-	C	1	X	X	X	X	X	X	X	X	X	X			
CS-23 (5)	12/1/2021	-	X	-	C	1	X	X	X	X	X	X	X	X	X	X			
CS-24 (5)	12/1/2021	-	X	-	C	1	X	X	X	X	X	X	X	X	X	X			
CS-25 (5)	12/1/2021	-	X	-	C	1	X	X	X	X	X	X	X	X	X	X			
CS-26 (5)	12/1/2021	-	X	-	C	1	X	X	X	X	X	X	X	X	X	X			
CS-27 (5)	12/1/2021	-	X	-	C	1	X	X	X	X	X	X	X	X	X	X			
CS-28 (5)	12/1/2021	-	X	-	C	1	X	X	X	X	X	X	X	X	X	X			
SW-1	12/1/2021	-	X	-	C	1	X	X	X	X	X	X	X	X	X	X			
SW-2	12/1/2021	-	X	-	C	1	X	X	X	X	X	X	X	X	X	X			

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12-1-21 1300			





Chain of Custody

Work Order No: H213433

Page 4 of 5

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds Blvd	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, TX 79706
Phone:	432-813-0263	Email/Phone:	James.Kennedy@eogresources 432.848.9146

Project Name:		Cleary AKC Federal #1	
Project Number:	214918	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	
Project Location:	Lea Co. NM	Due Date:	24HR
Sampler's Name:	ES	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.52		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	1.72		
Total Containers:		Corrected Temperature:	1.28		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500									
SW-3	12/1/2021	-	X	-	C	1	X	X	X									
SW-4	12/1/2021	-	X	-	C	1	X	X	X									
SW-5	12/1/2021	-	X	-	C	1	X	X	X									
SW-6	12/1/2021	-	X	-	C	1	X	X	X									
SW-7	12/1/2021	-	X	-	C	1	X	X	X									
SW-8	12/1/2021	-	X	-	C	1	X	X	X									
SW-9	12/1/2021	-	X	-	C	1	X	X	X									
SW-10	12/1/2021	-	X	-	C	1	X	X	X									
SW-11	12/1/2021	-	X	-	C	1	X	X	X									
SW-12	12/1/2021	-	X	-	C	1	X	X	X									

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12-1-21 1300			





## Chain of Custody

Work Order No: A23433

Page \_\_\_\_\_ of \_\_\_\_\_

Project Manager:	Mike Cairmonta	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, TX 79706
Phone:	432-813-0263	Email/Phone	James_Kennedy@eogresources 432.848.9146

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> brownfields <input type="checkbox"/> RRC <input type="checkbox"/> superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	

[illegible]

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS  
  
Action 70805

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 70805
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	1/27/2022